JFIND®

User's Manual

JF700 / Pro / Ultra

JFIND JF700 / Pro / Ultra – Bedienungsanleitung (Deutsch)

Unterschiede zwischen JF700, Pro und Ultra

JF700

• Display: 2,4 Zoll TFT

• DTC-Fehlercodes: ca. 8.000

• Batterieprüfung: nur Spannungstest

• Kein Start-, Lade- oder Lasttest

JF700 Pro

• Display: 2,8 Zoll TFT

• DTC-Fehlercodes: ca. 50.000

• Batterieprüfung: Starttest, Ladetest, Spannungstest

• Kein SOH-Standardtest (Batteriezustand)

JF700 Ultra

• Display: 2,8 Zoll TFT

• DTC-Fehlercodes: ca. 50.000

• Batterieprüfung: Starttest, Ladetest, Spannungstest, Lasttest

• Standardtest mit SOH (State of Health) verfügbar

OBD2 Schnellstart – Fehlercodes lesen & löschen

1. Zündung ausschalten.
2. OBD2-Stecker (16-Pin) im Fahrzeug suchen (meist unter dem Armaturenbrett).
3. Diagnosegerät einstecken.
4. Zündung einschalten (Motor kann aus oder an sein).
5. Menü „Read DTC“ (Fehlercodes lesen) auswählen.
6. Mit OK bestätigen – Fehlercodes werden angezeigt.
7. Mit den Pfeiltasten zwischen den Codes wechseln.
8. Zum Löschen „Clear DTC“ (Fehlercodes löschen) auswählen.
9. Hinweis: Das Löschen der Fehlercodes behebt nicht automatisch die Ursache.

Batterie-Testfunktionen (modellabhängig)

- Starttest: Prüft das Verhalten der Batterie beim Motorstart.
- Ladetest: Prüft Lichtmaschine und Ladesystem.
- Spannungstest: Überwacht den Spannungsverlauf der Batterie.
- Lasttest (nur Ultra): Prüft die Batterie unter Belastung.

Product Comparison

Product Name	JF700	JF700 Pro	JF700 Ultra
Product images			
Display Screen	2.4 inch TFT	2.8 inch TFT	
Update	Free Update		
Main Functions			
Full OBD2 Functions	✓	✓	✓
Read/Clear DTC	✓	✓	✓
Data Stream	✓	✓	✓
Playback Data	✓	✓	✓
Multi-language	✓	✓	✓
OBD-PIN Test	✓	✓	✓
Cloud Printing	✗	✓	✓
DTC Codes	8000	50000	50000
Battery Diagnosis			
Startup Test	✗	✓	✓
Charging Test	✗	✓	✓
Voltage Test	✓	✓	✓
Standard Test-SOH	✗	✗	✓ NEW

Batterie direkt testen (nur JF700 Ultra)

1. Rote Klemme an Plus (+) anschließen.
2. Schwarze Klemme an Minus (–) anschließen.
3. Gerät einschalten.
4. Menü „Battery Diagnostics“ auswählen.
5. Testergebnis ablesen (SOH, Spannung, Startleistung).

Wichtige Hinweise

- Fehlercodes können nach dem Löschen wieder erscheinen, wenn der Defekt weiterhin besteht.
- Bei schwacher Batterie können falsche Fehlercodes angezeigt werden.
- Für Werkstätten ist der JF700 Ultra am zuverlässigsten.

Contents

Safety Precautions and Warnings

To prevent personal injury or unnecessary damage while using the tool, please read this User's Manual carefully first and observe at least the following safety precautions when using the vehicle:

* Always perform automotive testing in a safe environment.
* Do not attempt to operate or observe the tool while driving a vehicle, Operating or observing the tool will cause driver distraction and could cause a fatal accident.
* Wear safety eye protection that meets ANSI standards.
* Keep clothing, hair, hands, tools, test equipment, etc. away from all rotating or hot engine parts.
* Operate the vehicle in a well-ventilated work area. Exhaust gases are poisonous.
* Put blocks in front of the drive wheels and never leave the vehicle unattended while running tests.
* Use extreme caution when working around the ignition coil, distributor cap, ignition wires and spark plugs.
* Components create hazardous voltages when the engine is running.
* Put the transmission in P (for A/T) or N(M/T) and make sure the parking brake is engaged.
* Keep a fire extinguisher suitable for gasoline / chemical / electrical fires nearby.
* Don't connect or disconnect any test equipments while the ignition is ON or the engine is running.
* Keep the scan tool dry, clean free from oil/ water or grease. Use a mild detergent on a clean cloth to clean the outside of the scan tool when necessary.
* Our company is not responsible for any damage caused by unintentional or deliberate misuse of our products or tools.

About Us

Find Tools, Just JFind

JFIND was established in 2009， focusing on the field of electronic testers for full system of automobiles and motorcycles.We adhere to technological innovation and pursue excellent quality to provide professional, accurate and convenient multi-functional integrated equipment for vehicle owners and auto repair technicians.

JFIND is not only a brand, but also a pursuit of quality life. We believe that technology makes life better.
JFIND will always accompany you，safeguarding your traveling.

JFIND JF700 scanner is suitable for all OBD II compliant vehicles (matching up to 98% of the car models), and supports fault code lookup, reading vehicle information, viewing real-time data streams, fault code reading, fault code clearing, I/M readiness testing, etc., making the JF700 the best choice for automotive repair.

Supported Protocols

1.ISO9141-2(5 baud init, 10.4 Kbaud)

2.SAE J1850 PWM (41.6Kbaud)

3.SAE J1850 VPW (10.4Kbaud)

4.ISO14230-4 KWP (5 baud init, 10.4 Kbaud)

5.ISO14230-4 KWP (fast init, 10.4 Kbaud)

6.ISO15765-4 CAN (11bit ID, 500 Kbaud)

7.ISO15765-4 CAN (29bit ID, 500 Kbaud)

8.ISO15765-4 CAN (11bit ID, 250 Kbaud)

9.ISO15765-4 CAN (29bit ID, 250 Kbaud)

Product Description

1). **Screen –** Displays menus and test results

2). **ESC Button –** Exits or returns to previous level menu

3). **F1 Button –** Customized shortcuts

4). **F2 Button –** Customized shortcuts

5). **OK Button –** To confirm the desired option

6). **Arrow Button –** For moving up and down or flipping through pages

7). **OBD II Connector –** Connects the scan tool to the vehicle's data link

8). **Green Light –** Indicates that the engine system is functioning properly and that the vehicle is not malfunctioning

9). **Yellow Light –** Indicates pending DTCs exist

10). **Red Light –** Indicates there are some problems in one or more of the vehicle's systems

Operating Instructions

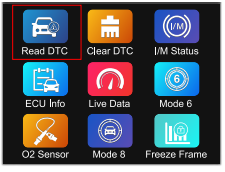
Connecting The Scanner

1. Turn off the ignition switch
2. Locate the vehicle's 16-pin data link connector
3. Plug the OBD II cable into the vehicle's DLC
4. Turn on the ignition and engine
5. When finished, the device automatically enters the diagnostic interface

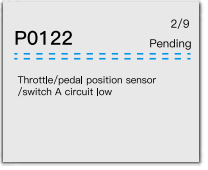
DLC Interface

Read DTC

Select [OBD] and then [Read DTC], press the [OK] key to continue, if there is a fault code, the screen will display the code (Fig. 2), if you find more than one DTC fault code, please use the left/right keys to turn the page to check all the codes.



(1)

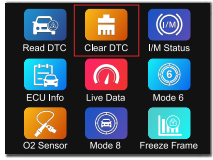


(2)

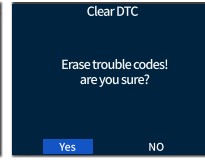
Clear DTC

Before clearing the fault code, please follow the prompts of the fault code to carry out vehicle maintenance, vehicle maintenance can be completed to clear the fault code operation.

Select [Clear DTC] and press the [OK] key to continue, the display will show as follows:



(3)



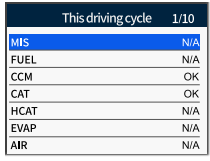
(4)

⚠ NOTE: Clearing a fault code does not mean that the fault code in the ECU has been completely eliminated; one-touch code will continue to appear as long as the vehicle has a fault.

I/M Status

The [I/M Status] function is used to check the operation of the emissions system on OBD II compliant vehicles, and it is an excellent feature for checking vehicle compliance with national emissions testing. It is an excellent feature for checking vehicle compliance with the National Emissions Test. The I/M status can be selected from Clear Fault Ready or Current Cycle Ready. The I/M shortcut can also be used for one-touch access.

Select [I/M Status] and press the [OK] key to continue, the display will be as follows:



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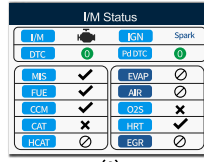
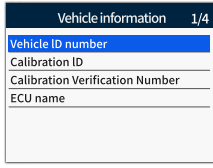


(6)

ECU Info

The ECU Vehicle Information function retrieves information about the vehicle's frame number, calibration number, and calibration verification number.
Select [ECU Info] and press the [OK] key to continue. The display is as follows:



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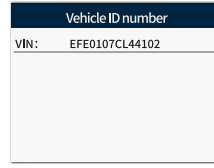
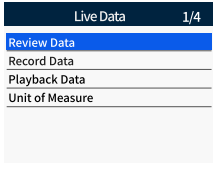


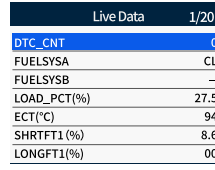
(8)

Live Data

View Real-Time Data allows viewing of real-time vehicle PID data, all supported data is displayed and can be viewed by quickly flipping the page with the left/right buttons or selecting custom data for comparison.
Select [Live Data] and press the [OK] key to continue, the display will be as follows:



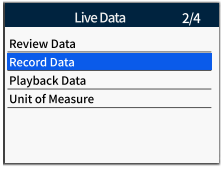
(9)



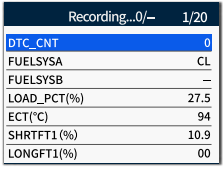
(10)

Record Data

Select [Live Data], select [Recorded Data], press [OK], select [All Data], press [OK] to select [Manual Trigger], select [Store Location] to continue, the display will be as follows:



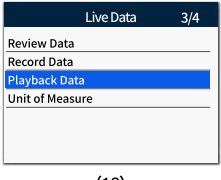
(11)



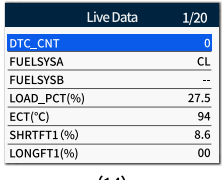
(12)

Playback Data

Select [Live Data], select [Playback Data] , press [OK], select the corresponding storage location to continue, and the display will be as follows:



(13)



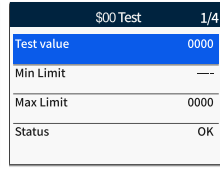
(14)

In-Vehicle Monitoring Test

After repairing or clearing fault codes, on-board monitor tests are useful, diagnostic tools allow access to on-board diagnostic monitor test results for specific components, and vehicle manufacturers are responsible for assigning MID、CID, for testing different systems and components.

Select [Mode 6] and press the [OK] key to continue, the following is displayed:

(15)

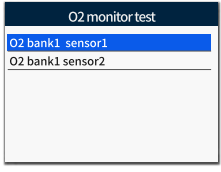


(16)

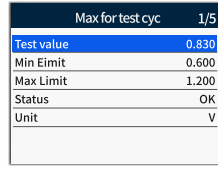
O2 Sensor

Oxygen sensors are tested to identify problems related to fuel efficiency and vehicle emissions.The Oxygen Sensor test does not support the CAN communication protocol, which is available in Mode 6 for vehicles with CAN communication protocol.

Select [O2 Sensor] and press the [OK] key to continue, the display will be as follows:

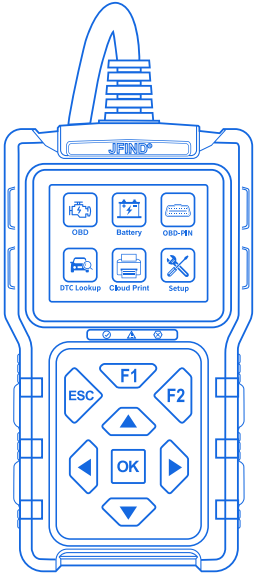


(17)



(18)

Read DTC	Clear DTC
I/M Status	O2 Sensor
Mode 6/8	OBD Voltage Detection
Live Data	View Freeze Frame
DTC Lookup	Data stream logging
Battery Diagnostics	Battery Voltage Detection



CE FC RoHS
MADE IN CHINA

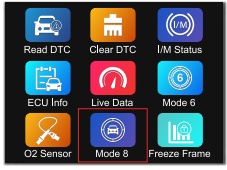
EU REP

SUCCESS COURIER SL
CALLE RIO TORMES NUM . 1 , PLANTA 1 , DERECHA , OFICINA 3 , Fuenlabrada , Madrid , 28947 Spain

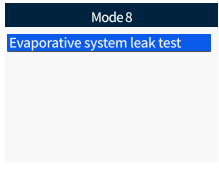
Component Testing

The component test function allows initiating a leak test of the vehicle's evaporative system.

Select [Mode 8] and press the [OK] key to continue, the display will be as follows:



(19)

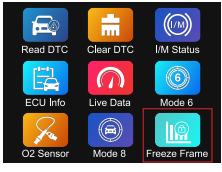


(20)

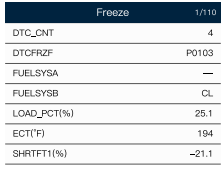
Freeze Frame

Freeze Frame data allows the technician to view the vehicle's operating parameters at the time the DTC was detected.

Select [Freeze Frame] and press the [OK] key to continue, the display will appear as follows:



(21)



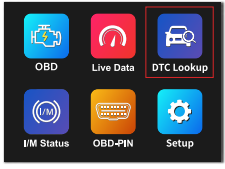
Freeze	1/110
DTC_CNT	4
DTCFRZF	P0103
FUELSYSA	—
FUELSYSB	CL
LOAD_PCT(%)	25.1
ECT(°F)	194
SHRTFT1(%)	-21.1

(22)

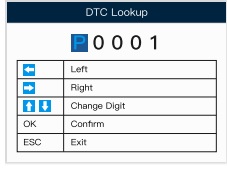
DTC Lookup

The DTC query function is equivalent to a fault code dictionary and can be used to query various types of fault codes.

Select [DTC Lookup] and press the [OK] key to continue, the display will be as follows:



(23)

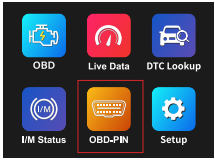


(24)

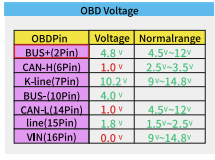
OBD-PIN

When the vehicle traveling can not be diagnosed, you can use the OBD voltage function to check the voltage of the OBD pins to help us find the vehicle fault faster.

Select [OBD-PIN] and press [OK] to confirm, you can check the voltage status of each OBD pin:



(25)

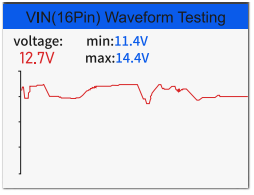


(26)

Battery Testing

V key and I/M key are shortcut keys to quickly access the specified functions. Pressing the [V/F2] key under the main menu of the desktop, the device can quickly enter the battery test, and the battery test item displays the real-time parameters of the vehicle voltage in the state of waveform.

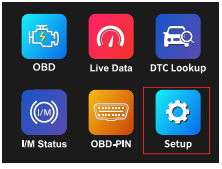
VIN(16Pin) Waveform Testing



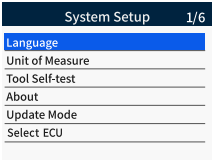
(27)

Setup

Select [Setup] and then [OK] to continue, and the following is displayed:

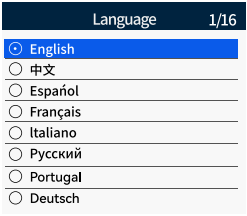


(28)



(29)

Language Settings



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JF700 16 languages :

English、Chinese、Spanish、French、Italian、Russian、Portuguese、German、Polish、Dutch、Japanese、Turkish、Thai、Filipino、Vietnamese、Malay

JF700 Pro 17 languages :

English、German、French、Italian、Spanish、Polish、Dutch、Portuguese、Russian、Turkish、Malay、Vietnamese、Thai、Filipino、Indonesian、Japanese、Chinese

JF700 Ultra 14 languages :

English、German、French、Italian、Spanish、Polish、Dutch、Portuguese、Russian、Malay、Vietnamese、Thai、Filipino、Chinese

Update Mode

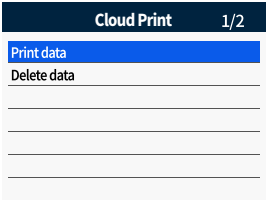
You can consult with your agent to check the latest software version and ask your dealer for an upgrade tool to complete the upgrade.

Update Steps:

1.Connect to computer, enter device to update mode
2.Make sure the usb drive is ok, click"update tool" to update one by one
3.Click"cb_obd.bin",click "refresh", then "update"
4.When it's finished, enter the device to update mode again
5.Click"OBD.bin", click "refresh", then"update"

Cloud Printing

Cloud Printing can print the results of the inspection wirelessly.
Selec[Cloud Print],press the[OK]key to select[Print Data],operate according to the prompts,and finally select [QR Code]interface will display the QR code, scan the QR code with your cell phone to display the test data, and then convert the data into PDF fommat to connect to the printer to print out.The display is as follows:



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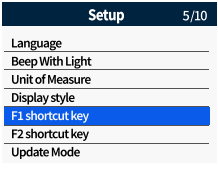
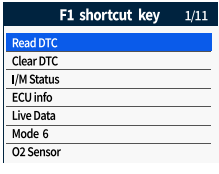
Shortcut Key Setting

Setting shortcut keys can quickly access the corresponding functions, convenient for daily operation.
Select [Setup]→ [F1 shortcut key] to select the desired function, press [OK] to confirm, [F2 shortcut key] can also be set to the corresponding shortcut key in the same way:



(34)

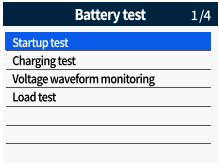


(35)

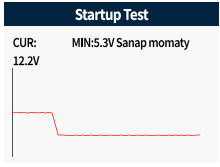
Startup Test

Starting test can detect the current starting performance of the battery, which helps to judge the service life of the battery.

Select [Battery],press [OK] to confirm,select [Startup test] and operate according to the product interface prompts to view the test results:



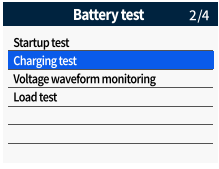
(36)



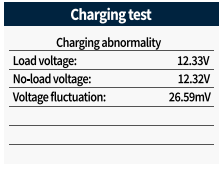
(37)

Charging Test

Select [Battery],press [OK] to confirm select [Charging test] to continue and view the test result:



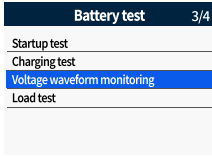
(38)



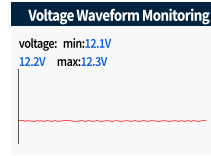
(39)

Voltage Waveform Monitoring

Voltage waveform monitoring allows real-time monitoring of the voltage status of our batteries.
Select [Battery],press [OK] to confirm,select [Voltage waveform monitoring] to continue and view the test result:



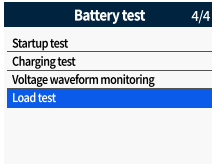
(40)



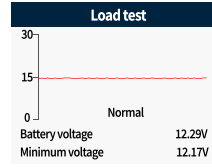
(41)

Load Test

The load test can record the voltage fluctuation of the car turning the load on and off in real time,and can accurately determine the health status of the battery.
Select[Battery],press[OK]to confirm,select[Load test],enter the function,follow the on-screen prompts to operate and view the test results:



(42)



(43)

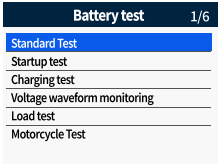
Battery Diagnostics

Put the car in the off state(Fig 44),the red clip connects to the positive terminal,the black clip connects to the negative terminal,and then connect the scanner to the clip wire.

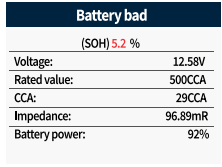
(44)

Standard Test-SOH

The standard test can detect the status of different types of batteries. Select [Battery]-[Standard test] and press[OK], select the corresponding battery mode according to the battery type and operate according to the prompts to analyze the health staus of the battery.



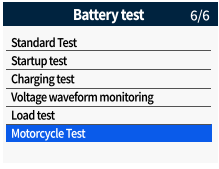
(45)



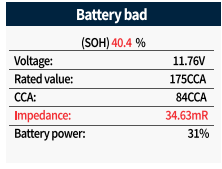
(46)

Battery For Motorcycle Test

Select [Battery]-[Motorcycle test]-[Motorcycle],use up and dowm keys to select the corresponding battery parameter,and then press [OK] to quickly test the battery life of the locomotive,if there is no corresponding battery model in the [Motorcycle] option, please select [Other Categories],and enter the corresponding CCA for testing.



(47)



(48)

Warranty And Service

One Year Warranty

We promise to provide warranty service for 1 year from the date of original purchase, if this product is purchased from an official channel, which must meet the following conditions:

1) The warranty is limited to repairing or replacing new equipment, without additional cost, but need to mention for regular sales invoices or copies of invoices.

2) The warranty does not cover the unauthorized disassembly of this product due to flooding, lightning strikes, or outside repair shops not authorized by the company. The person have repaired it and considered damage caused by improper use.

3) We are not responsible for any damages caused by use, misuse or installation and testing. Some countries limitations on the duration of implied warranties are not allowed, so the above limitations may not apply to you.

4) All information in this manual is based on the latest and effective information at the time of publication, and there is no guarantee of its accuracy or completeness we reserve the right to make changes at any time without notice.

Service Process

If you have any questions in the process of using this product, please contact your local authorized dealer directly.