Vgate vLinker FD+ Quick Start Guide for Android and iOS

1. What OBDII Protocols does vLinker FD+ supports?

√ SAE J1850 PWM √SAE J1850 VPW √ISO 9141-2
√ ISO 14230-4(slow) √ISO 14230-4(fast)
√ ISO 15765-4(CAN) √SAE J1939(CAN) √ISO 11898(raw can)
√ Medium Speed CAN(MS-CAN)

2. Download & install APP.

√ Torque Lite<most popular Lite version is free>
√ OBD Auto Doctor<Excellent Free app, Upgrade to Pro in-app>
√ OBD Fusion<Excellent 3rd party app>
√ BimmerCode<download from google play of Android>

Allows you to code the control units in your BMW or mini to unlock hidden features and customize your car to your liking.

Car Scanner | Auto Doctor | OBD Fusion

BimmerCode | FORScan Lite | Torque (Lite)

NOTE:

vLinker FD+ (BT3.0) *can support many apps, such as TORQUE Lite/Pro, OBD Fusion, DashCommand, CAR SCANNER ELM OBD2, Carista OBD2, BimmerCode, BimmerLink, JScan, OBD Auto Doctor, LeafSpy, Dr.Prius, TrackAddict, Harry's LapTimer, FORScan Lite, Garage Pro, etc.*

vLinker FD+ (BLE) *can support many apps, such as OBD Fusion, CAR SCANNER ELM OBD2, BimmerCode, BimmerLink(iOS), JScan, OBD Auto Doctor, Dr.Prius, inCarDoc, Garage Pro, etc.*

Many apps may be added to the compatibility list. Product page will be updated accordingly or contact us regarding app compatibility.

In this manual, we use FORScan Lite as representative APP instruction. If use other Apps, please download app on google play or App Store.

Recommend:

iOS APP	Android APK	PC Windows
FORScan Lite	FORScan Lite	FORScan

FORScan for Windows<Download from www.forscan.org>and for Android <download from google play>

FORScan is a powerful software scanner for Ford, Mazda, Lincoln and Mercury vehicles, designed to work over OBDII protocols and J2534 Pass-Thru compatible adapters.

3. Plug vLinker FD+ into the OBD port.

The OBDII DLC is usually located under instrument panel (Dash) on the driver's side.
If you want to know more about DLC, please visit:
https://en.wikipedia.org/wiki/Data_link_connector_(automotive)

4. Turn ignition to Key On, Engine Off Position.

"POWER" green LED is turn on, and middle **"OBD"**red LED blink once, the**"BT"** blue **LED** starts to blink twice.
—LEDs are off? Check vehicle for blown fuses.

5. FORScan Lite Connection Guide (for example)

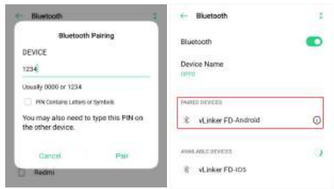
ⓐ Android system

Step 1: Insert the adapter into the OBD interface of the car. Turn ignition to Key On Engine Off Position. Open the Bluetooth settings and wait to search for available devices.

Tap ***"vLinker FD-Android"***
Tap ***"scan"*** if ***vLinker FD-Android*** does not show under ***"Available Devices"***.

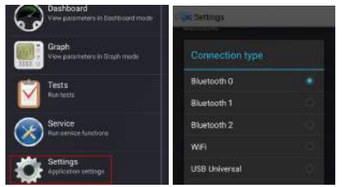
Step 2: Enter the pairing code: 1234

Step 3: Successfully paired "vLinker FD-Android".



Step 4: Open the settings of FORScan.

Step 5: Select Connection type. "Bluetooth 0 or Bluetooth 1 or Bluetooth 2"



Step 6: Select Bluetooth adapter: " vLinker FD-Android".

Step 7: Go back and click the button, then adapter's "BT" LED blinking, and the "OBD" red LED blinking in the middle.

NOTE:
Different OBD II app has different Bluetooth setting steps. Please follow the steps on the app to configure the setting.

Step 8: Wait for the connection to succeed.

ⓑ iOS system

Step 1: Insert the product into the OBD interface of the car. Turn ignition to Key On Engine Off Position.
Enable your phone Bluetooth. (Just enable Bluetooth button on the iOS device and continue to the OBD app setting.)

IMPORTANT NOTE:
Can not see Bluetooth device name in iPhone?! Don't worry. This device only require to configure Bluetooth device name in the OBD app setting. Just enable Bluetooth button on the iOS device and continue to the OBD app setting in Step 2

ONLY iOS supported Bluetooth profiles can show device name. Bluetooth LE 4.0 technology isn't apply for the supported Bluetooth profiles from iOS, so user can not find vLinker FD+ Bluetooth device name.

For iOS supported Bluetooth profiles, please refer check this page: https://support.apple.com/en-us/HT204387

Step 2: Run FORScan Lite.

Step 3: Tap CONNECT button on Status page.

√ Connected. All LED indicators lights on while sync data from vehicle.
√ Select different function modules on the status page.

ATTENTION:
The company will not bear any loss if the cars is damaged without any vehicle maintenance during using FORScan APP.

6. Configure connectivity setting on the FORScan of Windows.

Please refer to : http://www.forscan.org .
Attention: Before using ***FORScan*** software, connect ***vLinker FD+*** with Windows's own Bluetooth or Bluetooth adapter.

7. How do I know whether my vehicle is OBDII compliant?

1996 or newer model year vehicle sold in the United States. United States legislation requires all cars and light trucks model year (MY) 1996 and newer to be OBD2 compliant.

2001 or newer model year gasoline vehicle sold in the European Union. 2004 or newer model year diesel vehicle sold in the European Union.

(U.S.OBDII Certified label)

NOTE:
vLinker FD+ is a product specifically for FORScan applications jointly created by Vgate and FORScan. It can be used on Android, iOS and Windows. It is certified and recommended by FORScan.
It has faster communication speed, more stable wireless transmission, and more hardware protection than general products on the market. It is a very cost-effective product recommended by FORScan app.

Features of vLinker FD+

Automatically OBD device wake up and Super Power Saving on vLinker series.
√ Allow the user to leave the vLinker FD+ in OBD Socket without unplug and plug operation, Supper low power consumption <sleepmode> is low to "3mA" level.
√ Wake up vlinker FD+ in sleep by the following two ways:
A: Wakes on Battery Voltage B: Wakes on OBD bus activity

Need Help?
Please email to us at any time: sale@vgate.com.cn
We will reply you within 24 hours of the working day.

Product Upgrade:

Website: http://www.vgatemall.com/downloadcenter
To upgrade the product, please download the upgrade package and user manual of the corresponding model.

FCC Warning:
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.