vLinker FS (Bluetooth)
Quick Start Guide for iOS & Android

Specifications:

1. Supported Platforms: iOS, Android, Windows.
2. Connection:
   √ Connection Class 2 Bluetooth v3.0
   √ "Connect" Button – Requires physical access to enable Bluetooth pairing.
3. Operating Voltage: 12V/24V Automotive Systems (7–30V Operating Range).
4. Overvoltage Protection: 60V
5. Operating Current: 25 mA
6. BatterySaver Low Power Mode: 3 mA
7. Device Weight: 35 g
8. Dimensions: 61.2mm x 45.7mm x 23.3mm
9. Operating Temperature: -20° to 60° C
10. Operating Humidity: 10 to 85% (Non-Condensing)

1. 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)

2. I want to know which OBDII protocols supported by vLinker FS (Bluetooth)?

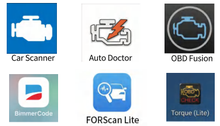
√ SAE J1850 PWM √ SAE J1850 VPW √ ISO 9141-2
√ ISO 14230-4(slow) √ ISO 14230-4(fast)
√ ISO 15765-4(CAN) √ SAE J1939(CAN) √ ISO 11898(raw can)
√ Medium Speed CAN(MS-CAN)

3. Download & Install APP.

√ Torque Lite<Most Popular Lite Version is Free>
√ OBD Auto Doctor<Excellent 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.
√ 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 protocol and J2534 Pass-Thru compatible adapters.



4. I want to know which App does vLinker FS (Bluetooth) support?

NOTE:
vLinker FS (Bluetooth) 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.

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

5. Plug vLinker FS (Bluetooth) 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)

6. Turn ignition to Key On, Engine Off.

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

7. Torque (Lite) Connection Guide for Android (for example)

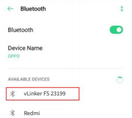
Step 1: Insert the adapter into the OBD interface of the car. Turn ignition to Key On, Engine Off.

Press the "Connect" button on vLinker FS (Bluetooth)

IMPORTANT NOTE

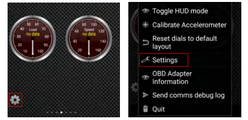
"Connect" button

Step 2: Open the Bluetooth settings. Search for the device name "vLinker FS 23199" and click Pair.
(23199 is the product serial number, each product has a different serial number)

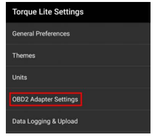


Note: Please select the Bluetooth Device Name "vLinker FS XXX" (Searching for Bluetooth may take some time.)

Step 3: Choose Open the app's Settings .

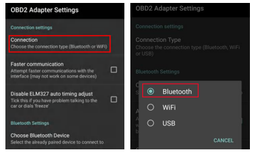


Step 4: Select OBD2 Adapter Settings.

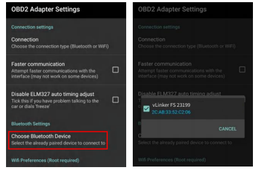


Step 5: Click Connection.

Step 6: Choose the connection type Bluetooth.



Step 7: Choose Bluetooth Device "vLinker FS 23199".



Step 8: If the communication is successful, you can select the control unit you want...

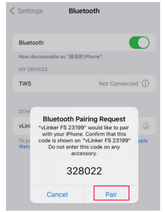
8. Car Scanner Connection Guide for iOS (for example).

Step 1: Insert the product into the OBD interface of the car. Turn ignition to Key On, Engine Off.

Note: Press the "Connect" button on vLinker FS (Bluetooth)

Enable your phone "Bluetooth".

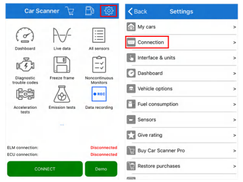
Step 2: Discover "vLinker FS 23199", and click on it.
(23199 is the product serial number, each product has a different serial number)



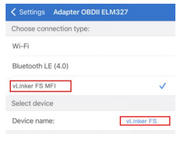
Step 3: Click on pairing to connect successfully.

Step 4: Open Car Scanner APP, Click

Step 5: Click "Connection".

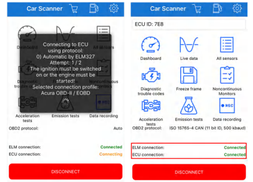


Step 6: Select "vLinker FS MFI".

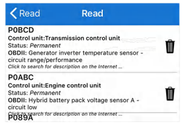


Step 7: Return to the main page and click "CONNECT". This may take a few minutes.

Step 8: ELM and ECU are successfully connected.



Step 9: If the communication is successful, you can select the control unit you want...



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

Features of vLinker FS (Bluetooth)

Automatically OBD device wake up and Super Power Saving on vLinker series
√ Allow the user to leave the vLinker FS (Bluetooth) in OBD Socket without unplug and plug operation. Supper low power consumption <sleep mode> is low to " 3mA" level.
√ Wake up vLinker FS (Bluetooth) in standby mode by pressing the key.

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 (PC):

http://www.vgatemall.com/downloadcenter

To upgrade the product, please download the upgrade package and user manual of the corresponding model.

Product Upgrade (MobilePhone):

1.Scan the QR code to download "VgateFwUpdater" APP.
2.Open the APP to scan the same QR code to upgrade the firmware.

Vgate Forums:

https://forum.vgatemall.com

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.

ISED Warning:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

(1) L'appareil ne doit pas produire de brouillage;
(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS-102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 etla conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne surl'exposition et la conformité de rf.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ouémetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.