

China Auto Diagnostic Tools Centre

# FVDI J2534 ——Operate Guide

Shenzhen STIC Technology Co.,Ltd

# Catalogue

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# **I.Safety Precautions and Warnings**

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

- Always perform automotive testing in a safe environment.
- Wear safety eye protection that meets ANSI standards.
- Keep clothing, hair, hands, tools, test equipment, etc. away from all moving 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. These components create hazardous voltages when the engine is running.
- Put the transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) 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 equipment while the ignition is on or the engine is running.
- Keep the 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.

# **II.Product overview**

Thank you for choosing FVDI J2534 automotive diagnostic tool. This manual includes the

use of equipment notes, please read this manual carefully before use that you can correctly

use it.

## 2.1 Product appearance and details



1 Vehicle connection of molded DLC3 (OBD II -16)



#### Status LED:

- Work normal: Green LED blinks continuously slowly
- Firmware updating: Red LED blinks continuously quickly

## 4 PS Push Switch:

- Released: works as ELM327 mode
- Pressed: works as J2534 mode



#### Serial number

## 2.2 Specifications

## Product specifications

Lenth	106.8mm
Width	59mm
High	27.1mm
Weight	78g
Environment	-20℃ ~45℃
Voltage Requirements	8 VDC ~ 32VDC 100mA(max)
Power	0.6 Watts @ 12 VDC

## **Technical Specifications**

	ISO9141
	ISO14230
	J1850 VPW
	J1850 PWM(Ford SCP)
Vahiela Dratagala	ISO11898 HS(500K BPS)
Vehicle Protocols	ISO11898 MS(125K BPS)
	ISO15765 HS(500K BPS)
	ISO15765 MS(125K BPS)
	FEPS(Flash EEPROM Program Signal)
	Honda SCS
	Honda DIAGH KWP1281 J2819(TP2.0)
	Ford IDS V110
Supported software for J2534	Mazda IDS V108 Toyota TIS V13.00 Honda HDS V3.102
Supported software for 12554	Land Rover/Jaguar SDD2 V153
	Nissan CONSULT III plus R2R V80.11
	ELMconfig
Supported software for ELM327	Forscan
Supported software for LEWISZ7	FOCCCUS
	FF2

#### Packing specification

Lenth	154mm
Width	154mm
High	51mm
Weight	286g

## 2.3 Accessories Include

ITEM	Description
Operate Guide	Tool operation instructions
CD	Includes installation package, Operate guide etc
USB cable	Communicates between tool and PC/Laptop
Packing box	Includes usb cable,CD and Operate Guide

## 2.4 System Requirements

Requirements		
Hardware	minimum configuration	Recommend configuration
СРИ	Pentium 3/1GHZ	Pentium4/1.8GHZ or above
Memory(RAM)	256M	512M or above
HDD	40G	60G or above
Display	800x600	1024x768 or above
OS	Win7(64bit)	Win7(64bit) or above
USB interface	One	One or more

# **III.Download and Install software**

FVDI J2534 is very simple to use and easy to install. You only need to do two steps to Installs software. First,Install FVDI J2534 start software,then install the original brand vehicle software,For example, Ford, Mazda, Honda, Toyota. However, it is important to note that these software cannot be installed in the same computer If you want to use these software via FVDI J2534 equipment, please install different software on different computers.

Note: the software installation are not required installation sequence.

## 3.1 Get FVDI J2534 equipment software

You can get the FVDI J24534 software in two ways, First, you can find these softwares in the CD when you receive the FVDI J2534 equipment., Second, you can download these softwares by yourself throught the download link (<u>http://flyobd.com/shop/download-center</u>) in our official website.

Note: The software in the download link is always up to date.

#### 3.1.1 Get FVDI J2534 equipment software from compact disc(CD)

- Put the CD in the computer CD drive
- Wait a while before opening the CD in the resource manager, you will see the equipment related software and resources.

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🔆 Favorites		Name	Date modified	Туре	Size
E Desktop		📄 FVDI J2534 Operate Guide.pdf	8/17/2018 3:22 AM	WPS PDF 文档	843 KB
🚺 Downloads		😽 FVDI_J2534_Ford_Setup.exe	8/17/2018 2:20 AM	Application	59,710 KB
🖳 Recent Places		FVDI_J2534_setup_video.exe	4/25/2018 8:39 PM	Application	26,497 KB
		📋 IDS software Download link.txt <table-cell-columns></table-cell-columns>	8/17/2018 6:38 PM	Text Document	1 KB
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#### 3.1.2 Get FVDI J2534 equipment software from official website download link

- Access to <a href="http://flyobd.com/download-center/">http://flyobd.com/download-center/</a>
- Please register and log in
- Download FVDI-J2534-FM (FM,Short for Ford and Mazda)
- Download IDSFord or IDSMazda

Categories	✓ Home I	New Arrivals payment	Download Abou	t us Contact us A	gent Cooperation	
Software	Version	Download Times	Update Time	Create time	Download	Details
Quickloader	v5.6	288	2018-8-1	2018-7-19	Download	Details
TM100	v7.12	253	2018-8-7	2018-7-9	Download	Details
FVDI-J2534-FM	v1.0	96	2018-8-17	2018-7-18	Download	Details
FVDI2015	v9.0	260	2018-8-1	2018-7-19	Download	Details
FVDI2018	v3.0	249	2018-8-1	2018-7-19	Download	Details
HDS	v3.102	50	2018-8-1	2018-7-19	Download	Details
Techstream	v13.00	47	2018-8-1	2018-7-19	Download	Details
VVDI2	v4.2.1	70	2018-8-1	2018-7-19	Download	Details
JLR-SDD	v153.0	49	2018-7-21	2018-7-19	Download	Details
Tango	v1.111	64	2018-8-1	2018-7-19	Download	Details
IDSFord	v110.xx	76	2018-7-21	2018-7-19	Download	Details
IDSMazda	V108	29	2018-8-1	2018-7-19	Download	Details
Nissan-C4	v09.21	23	2018-7-24	2018-7-19	Download	Details
Nissan-C3	v09.21	10	2018-7-24	2018-7-19	Download	Details
Nissan-C3-Plus	v75.20	30	2018-7-26	2018-7-19	Download	Details

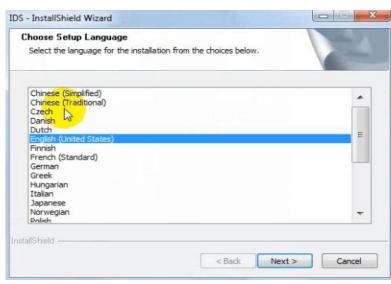
Download the latest release IDS software and save it to local.

n Home				
IDS Other Tools Ford MD ruck	IDS Software Download			
Manuals			Software Download Links	
Release Notes		Software	Latest Release	Use With
		IDS Software	IDS 110 Update IDS 110.05	VCM, VCM II, or VCMM
		Bosch Ford Product Group FPG (Firmware) VCI Manager	FPG v2.4.73.53 Included in R110	VCM II or VCMM
		Vehicle Measurement System VMS	VMS v1.1.506.0	VCMM
		Measurement Library (Firmware)	Measurement Library v0.67.127.181	VCMM
		Ford Diagnosis and Repair System FDRS	FDRS 16.5.4 Not currently for use in Europe	VCM II, VCMM, or other J2534 Device

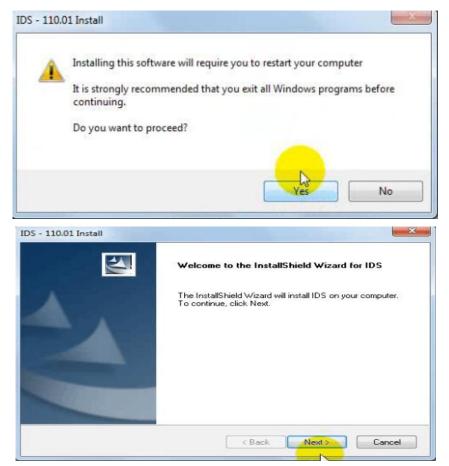
## 3.2 Install IDS and FVDI J2534 software

3.2.1: Install the latest release IDS software

- Select language, and click "next" button



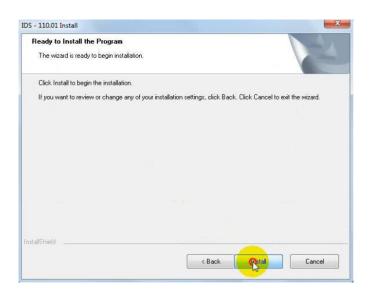
• Wait a while, and the following windows will pop out, click "Yes", then click "next"



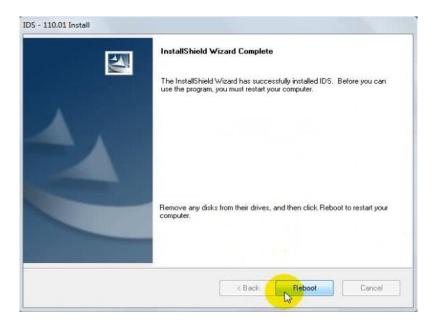
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 Select "i accept the terms of the license agreement", and then click "next", and then click "next", and then click "install". The installation process will take some time, please wait patiently.

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Please select the destination drive	e	
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Select Drive :	Available:	51.85 GB
C • 0		
1 200	Required:	1.66 GB
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#### • Reboot your computer after installation



#### 3.2.2 Install the FVDI J2534 software

• Open compact Disc and find FVDI-J2534 software and double-click the

"FVDI\_J2534\_Ford\_Setup.exe" software

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📳 FVDI_J2534_Ford_Setup.exe	8/17/2018 2:20 AM	
FVDI_J2534_setup_video.exe	4/25/2018 8:39 PM	
📋 IDS software Download link.txt	8/17/2018 6:38 PM	2
🛃 IDS-Operate-Manual.pdf	8/17/2018 12:33 AM	1

• Select Setup Langeuage and Click "Ok"



 It will install SVCI Based software list, Click "next" directly, and then Click "next" all the time untill it jump a window "Select Setup Language", which is selected the device driver's installtion language.

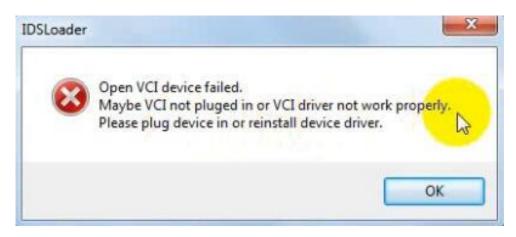
elect the components you want to install; dear the components. Install, Click Next when you are ready to continue.	Sonena you do not mant to	
Full installation	-	Select Setup Language
SVCI Based Software List	137 1110	select setup canguage
☑ J2534 Application Driver ☑ VS20 12 Redistributable Package	26.2 MB 13.2 MB	Select the language to use during the installation:
		English

• Install the device driver, and click "Next" all the time untill install Shield wizard complete,

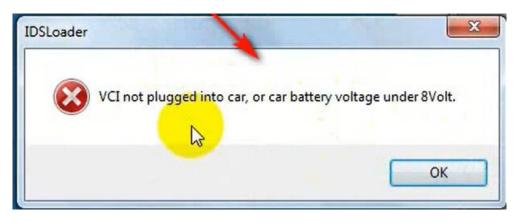
and then click "finish".

Select the components you want to install; clear the compo	nents you do not want to	InstallShield Wizard Complete
Install. Click Next when you are ready to continue.		The InstalShield Wizard has successfully installed PL2303 US8-to-Serial. Before you can use the program, you must restart your computer.
Image: SVCI Passitiru Driver           Image: Prolific driver V 1.19.0           Image: VS2012 Redistributable Package	27.5 MB	Yes, I want to restart my computer now.     No, I will restart my computer later.
		Remove any disks from their drives, and then click Finish to complete setup.

When you open FVDI J2534 for ford software after installtion, an error window will pop out. That means you have not connect FVDI J2534 equipment with your computer, as show in the below. connect your device with computer, and the FVDI J2534 software will be opened normally.



• when you put FVDI J2534 equipment to connect the computer and open the software, it will pop below error message, it means you do not connected vehicle ECU module and the ECU voltage can not less than 8 volts. After using the OBD interface of FVDI J2534 to connect the ECU, and the software can be opened normally and put into use.



Note: Cannot open the IDS software on the desktop directly, it is recommended to delete the IDS software shortcut on the desktop.

# **IV IDS Operate Manual**

If you are a novice or do not understand the operation of ford software, you can refer to the IDS operation manual, which contains a very detailed introduction and operation steps, which is applicable to not only ford software, but also Mazda software.

IDS operation manual:

http://flyobd.com/document/IDS-Operate-Manual.pdf