

FVDI J2534 —Operate Guide

Shenzhen STIC Technology Co.,Ltd



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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



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

5 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
Vehicle Protocols	ISO14230
	J1850 VPW
	J1850 PWM(Ford SCP)
	ISO11898 HS(500K BPS)
	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)
Supported software for J2534	Ford IDS V110
	Mazda IDS V108 Toyota TIS V13.00 Honda HDS V3.102
	Land Rover/Jaguar SDD2 V153
	Nissan CONSULT III plus R2R V80.11
	ELMconfig
Supported software for ELM227	Forscan
Supported software for ELWIS27	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
CPU	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 (<u>http://flyobd.com/shop/download-center</u>) 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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3.1.2 Get FVDI J2534 equipment software from official website download link

- Access to <u>http://flyobd.com/download-center/</u>
- Please register and log in
- Download FVDI-J2534-FM (FM,Short for ford and mazda)
- Download IDSFord or IDSMazda

≡ Categories ✓	Home 1	New Arrivals payment	Download About	t us Contact us	Agent Cooperation	3
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.

IDS R110 Soft	ware Download			
ሰ Home				
IDS	IDS Software Download			
Other Tools Ford MD ruck				
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	EPG 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	EDRS 16.5.4 Not currently for use in Europe	VCM II, VCMM, or other J2534 Device



3.2 Install FVDI J2534 software

3.2.1: Install the latest release IDS software

• Double-click the "IDS-110.01_Full.exe" to start installation

IDS-110.01_Full.exe

• Select language, and click "next" button

Choose Setup Language Select the language for the installation from the choices bel	ow.
Chinese (Simplified) Chinese (Traditional) Czech	-
Danish 43 Dutch English (United States)	
Finnish French (Standard) German	
Hungarian Italian	
Norwegian Polieh	-
alfShield	

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





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IDS - 110.01 Install	X
	Welcome to the InstallShield Wizard for IDS
	The InstallShield Wizard will install IDS on your computer. To continue, click Next.
	<back next=""> Cancel</back>

• 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.

Destination		44
Please select the destination drive	3	
C:\Program Files (x86)\Ford M	otor Company/JDS	
Select Drive :	Available:	51.85 GB
C •		
tallShield	Required:	1.66 GB
NGERTION		

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www.flyobd.com

China Auto Diagnostic Tools Centre

icense Agreement	
Please read the following license agreement carefully.	
End-User License Agreement for Ford Integrated Diagnostic Software	
IMPORTANT-READ CAREFULLY: This End-User License Agreement (hereinafter called "EULA") is a legal agreement between YUU (either an individual or an entity) and Ford Motor Company and its subsidiaries (hereinafter called (FORDI) for the Ford Motor Company Integrated Diagnostic Software product, which includes computer software and may include associated media, printed materials, and "online" or electronic documentation	E
(collectively hereinafter called "Product"). An amendment or addendum to this EULA may accompany the Product. YOU AGREE TO BE BOUND BY THE TERMS OF THIS EULA BY INSTALLING,	-
I accept the terms of the license agreement	nt
I do not accept the terms of the license agreement	
allShield	

Ready to Install the Program	1	1
The wizard is ready to begin ins	stallation.	
Click Install to begin the installa	tion.	
If you want to review or change	e any of your installation settings, click Back	. Click Cancel to exit the wizard.
allShield		

• Reboot your computer after installation



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- 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

Dutemounieu	
8/17/2018 3:22 AM	5
8/17/2018 2:20 AM	
4/25/2018 8:39 PM	
8/17/2018 6:38 PM	2
8/17/2018 12:33 AM	3
	8/17/2018 3:22 AM 8/17/2018 2:20 AM 4/25/2018 8:39 PM 8/17/2018 6:38 PM 8/17/2018 12:33 AM

Select Setup Langeuage and Click "Ok"

P	Select the language to use during the installation:	
	English	•

 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.

lect the components you want to install; dear the components yo tall. Click Next when you are ready to continue.	ou do not want to	
7 SVCI Based Software List	19.4 MB	elect Setup Language
J2534 Application Driver	26.2 MB	
US2012 Redistributable Package	13.2 MB	Select the language to use during the installation:
List.		English



 Install the device driver, and click "Next" all the time untill installShield wizard complete, and then click "finish".

	The Install5heid Wizard has successfully installed PL23U USB-to-Serial. Before you can use the program, you must restart your computer.
27.5 MB	Yes, I want to restart my computer now. No, I will restart my computer later. Yes No, I will restart my computer later. Yes Remove any disks from their drives, and then click Finish complete setup.
	27.5 MB

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



• Connect your device with computer, and the FVDI J2534 software will be opened normally.

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