

# **Universal Scanner**

# AD-1

# **Operator's Manual**

www.autoobd.net

AUTOOBD NETWORK CO., LTD



AUTOOBD Network Co., Ltd is a leading enterprise of research, manufacture and marketing automotive diagnostic equipments with hi-tech technology, it is a worldwide supplier of auto diagnostic equipments for automotive aftermarket. We specialize in developing auto diagnostic tools with both software development and hardware manufacturing, We also provide technical supports and services to all customers in automotive aftermarket.

For years of efforts, the exclusive integrated auto scanner AD-1 has been launched successfully for marketing. This advanced diagnostic tool can be used for:

European cars: BENZ, BMW, Audi, LANDROVER, Porsche, Volvo, OPEL, Renault, Citroen, Peugeot, Fiat;

Japanese cars: Honda, Mazda, Mitsubish, Nissan, Subaru, Toyota; Korean cars: Daewoo, KIA, Hyundai; Malaysian cars: Proton, Perodua OBDII: EOBD/OBDII OBD-CAN; Chinese cars: CHERY, Chevrolet

With the rapid advancement of technology in automotive industry, our dedicated development team will do our utmost to continuously improve and refine our products to meet our customer's needs.

You are welcome to partner with us!



# Preface:

Thank you for purchasing this universal scanner AD-1.

Read this document carefully so that you can use this tester correctly and safely.

After you have read this document, store it away carefully in the carrying case so that it is available any time you need it.



For safe usage

# CAUTION

On our work anywhere that water could come in contact with the equipment.On our drop this tester or subject it to a strong impact.

<sup>®</sup>When using the battery clips, the red one should be connected with the anode of the battery, and the black clip should be connected with the cathode of the battery.

#### Trademarks

• Microsoft and Windows ® CE are trademarks or registered trademarks of the Microsoft Corp. of the United States in the United States and other countries.

• AUTOOBD is the trademark for AD-1 of AUTOOBD NETWORK CO., LTD.



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# **1** Before Use



# **1.1 Product Configuration**

Check that you have all the following standard components before using this tester.

### 1.1.1 Standard Components

Item No.	Accessories	Qty (pcs)	Remark
1	AD-1 Multiplexer	1	
2	Transceiver	1	
3	Antenna	2	
4	BMW 20-Pin Cable	1	
5	BMW 16-Pin Adaptor	1	
6	AUDI 4-Pin	1	
7	TOYOTA 17-Pin Adaptor	1	
8	TOYOTA 22-Pin Adaptor	1	
9	TOYOTA 16-Pin Adaptor	1	
10	HONDA 3-Pin Adaptor	1	
11	MITSUBISHI/HYUNDAI 12+16 Cable	1	
12	NISSAN 14+16 Adaptor	1	
13	MAZDA 17-Pin Adaptor	1	
14	MAZDA 17F	1	
15	FORD 6+1 Adaptor	1	
16	GM 12-Pin Adaptor	1	
17	CHRYSLER 6-Pin Adaptor	1	
18	OBD II 16A	1	
19	OBD II CAN	1	
20	KIA 20-Pin Adaptor	1	
21	DAEWOO 12-Pin Adaptor	1	
22	BENZ 38-Pin Cable	1	
23	UNIVERSA 3-Pin	1	
24	SUZUKI 3-Pin	1	
25	FIAT & CHERY 3-Pin	1	
26	DAIHATSU 4-Pin	1	
27	CITROEN 2-Pin	1	
28	MAIN Cable	1	
29	Battery Clips 1		
30	Ignition Lighter Cable	1	
31	USB line	1	
32	Storage Case	1	
		1	















OBD II 16-Pin A Adaptor It is used to diagnose the vehicle which is not equiped with CAN OBD II but OBD II system.



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It is used to diagnose the Honda vehicle which equiped with 3-Pin diagnostic socket



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# 1.2 Name of Parts





No.	Name of parts	
1	Diagnostic Software	
2	Transceiver	
3	USB Line	
4	Wireless Antenna	
5	Multiplexer	
6	Working Indicator	

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## 1.2.1 Connection Ports



Inidcator lights: There are three indicators(as in the picture),the one in the right is power indicator, the others are commnication signal. Normally, the power indicator should be on in red when connected with the car diagnostic socket, and the signal indicator is green light while it is starting, if not, please refer to F.A.Q.

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# 1.3 Connction

### 1.3.1 Assemble the Antenna with Wireless transceiver



Screw down the antenna as in the picture

The antenna of Multiplexer should be assembled in the same process as above in picture

(1) and (2).

The connection of Multiplexer and main cable:





(3)

(4)

The connection from the bottom of multiplexer with main cable.







The another side is connected with the diagnostic adaptor.

## 1.3.2 Connecting to car

#### 1.3.2.1 Wireless Connection:



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#### **1.3.2.2** Connection with wire:



- ① **PC**
- ② USB Line
- ③ Multiplexer
- ④ Main Cable
- (5) Diagnostic connector
- 6 Diagnostic Socket
- ⑦ Transceiver

You may operate the device based on any laptop or desktop. The diagnostic connectos

would be different due to the vary vehicle.



# **2** Basic operations



# 2.1 Software Downloading

For sake of the AD-1 working in a good condition, the software and USB driver be required to install properly as following steps:



### 2.1.1 Software dwonload

Download the software from the website <u>www.autoobd.net</u> to your PC.



2.1.1.1) www.autoobd.net homepage



Edit View Favorites Tools Help	e explorer			
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				So Lin
	iload-aii.asp			
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Download				
	Download			
	Product	File Name:	AD-1 Client(20071126) (Multilingual edition)	
		Download:	Joraload	
	Product	File Name:	AD-1 Client(20071126) (Malaysia, need password)	
	TTOGGCC	Download:	Download	
	Drivor	File Name:	AD-1_USB_Driver(CP210_Automatic)	
	Driver	Download:	6 Download	
		File Name:	AD-1_USB_Driver(Cp210x_Manual)	
	Driver	Download:	- Domiload	
		Filo Namo-	VAG_COM7041_Installer	

2.1.1.2)Go to "Download", and click the AD-1 Client (Multilingual Edition)



2.1.1.3) Save the Application to your PC. (Such as save to the desktop)





2.1.1.4) To find the "Autoobd Client" application where you saved (desktop).

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Recycle Bin	SDmedia			
-				
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Star Utilities	autombel_07	-		
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🦺 start	Download Autoobd	. 🦉 8 - Paint	JUTOOBD Client Setup	📵 🧐 🗞 👷 🤹 10:47 AM

2.1.1.5) Open and install it.





2.1.1.6) After well installed the application, software icon would be in the desktop.



2.1.1.7) Open the AUTOOBD Software.





2.1.1.8) The main page of the software.



### 2.1.2 USB Driver installation



2.1.2.1) Connect the PC with AD-1 Transceiver(Wireless testing) or AD-1 Multilpexer (Testing with wire) by USB Line as in Picture above.



2.1.2.2) Down load the CP210\_Win2K\_XP from Autoobd Download Center.

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AutoOb	d Net	File Download		
Autoobd	Automotive c	Save As		? 🔀
Download	Downloa	Save in:	Desktop S Desktop	
	Product	My Recent Documents	My Computer Solution Provention Proventi Provention Provention Provention Provention Pro	
	Product	My Documents	Star Browser Star Utilities autoobd New Folder Autoobd Client	
	Driver	My Computer	Java Web Start	
	Driver	My Network	File name:     CP210_Win2K_XP       Save as type:     Application	Save Cancel

2.1.2.3) Save AD-1-USB-driver application to your PC. (Such as save it to the desktop)



2.1.2.4) To find the application from desktop.





2.1.2.5) Open the application, and then start to installation.





Silicon Laboratories CP210x VCP Drivers for Windows 2000/XI	P - InstallS 🔀
Choose Destination Location Select folder where setup will install files.	X
C:\SiLabs\MCU\CP210x	Change
InstallShield Kext >	Cancel

2.1.2.6) Click " Next".

Note: The application installed to the directory of C:/Silabs/MCU/CP210x.

Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP - InstallS 🔀
Setup Status
The InstallShield® Wizard is installing Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP
Installing
c:\SiLabs\MCU\CP210x\Win2K_XP\slabvxd.inf
InstallShield Cancel

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Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP - InstallShiel		
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP. Click Finish to exit the wizard.	
	< <u>B</u> ack <b>Finish</b> Cancel	



2.1.2.7) Tick "Yes, this time only", then go to "next"



Found New Hardware Wiz	ard
	This wizard helps you install software for: CP2102 USB to UART Bridge Controller If your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do? O Install the software automatically (Recommended) Install from a list or specific location (Advanced)
	Click Next to continue.

2.1.2.8) Tick "Install from a list or specific location (Advance)", the go to "Next".

Found New Hardware Wizard	
Please choose your search and installation	n options.
<ul> <li>Search for the best driver in these location Use the check boxes below to limit or expansion</li> </ul>	Browse For Folder
paths and removable media. The best driv Search removable media (floppy, CD Include this location in the search: C:\DRIVERS\WIN\DISPLAY\DRIV O Don't search. I will choose the driver to ins Choose this option to select the device driver the driver you choose will be the best mate	Select the holder that contains drivers for your hardware.
	To view any subfolders, click a plus sign above.

2.1.2.9) Tick "Include this location in the search".



Please choose your search and installation	options.	
<ul> <li>Search for the best driver in these location Use the check boxes below to limit or expandence of the second second</li></ul>	Browse For Folder Select the folder that contains drivers for your h	rdware.
<ul> <li>Search removable media (floppy, CD</li> <li>Include this location in the search:</li> <li>C:\DRIVERS\WIN\DISPLAY\DRIV</li> <li>Don't search. I will choose the driver to ins Choose this option to select the device driv the driver you choose will be the best mate</li> </ul>		~
C	To view any subfolders, click a plus sign above.	Cancel

2.1.2.10) Then select the Win2K\_XP under dirctory C:/Silabs/Mcu/CP210x. Click OK.

P.S. : Always refer to the directory from the step of picture 2.1.2.6.

Found New Hardware Wizard
Please choose your search and installation options.
<ul> <li>Search for the best driver in these locations.</li> </ul>
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM)
Include this location in the search:
C:\SiLabs\MCU\CP210x\Win2K_XP Browse
O Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back Next > Cancel

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Found New Hardware Wizard				
Please wait while the wizard	searches			
GP2102 USB to UA	ART Bridge Controller			
	3			
	< Back Next > Cancel			
Found New Hardware Wizard	I			
	Completing the Found New lardware Wizard			
	he wizard has finished installing the software for: CP210x USB Composite Device			
	Р			
C	lick Finish to close the wizard.			
	< Back Finish Cancel			



Found New Hardware Wiz	ard
	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy Can Windows connect to Windows Update to search for software? • Yes, this time only • Yes, now and every time I connect a device • No, not this time Click Next to continue.
	< Back Next > Cancel

2.1.2.11) The box would be shown automatically again.

pund New Hardware Wizard
This wizard helps you install software for: CP2102 USB to UART Bridge Controller
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced)
Click Next to continue.
<back next=""> Cancel</back>



Found New Hardware Wizard
Please choose your search and installation options.
• Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM)
Include this location in the search:
C:\SiLabs\MCU\CP210x\Win2K_XP Browse
O Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your bardware.
and arrest you choose will be the best materner your hardware.
Found New Manduran Wiroud
Found New Hardware wizard
Please wait while the wizard searches
CP2102 USB to UART Bridge Controller
<u>S</u>
< Back Next > Cancel



Found New Hardware Wizard				
	Completing the Found New Hardware Wizard The wizard has finished installing the software for:			
	< Back Finish Cancel			

#### 2.1.2.12) Finished USB Driver installation.



2.1.2.13) Open the properties of "My computer".



Systemme	store Autom	atic Updates	Remote	
General	Computer Name	Hardware	Advance	
Device Mana	ger			
S In on pro	e Device Manager lists a your computer. Use the [ perties of any device.	I the hardware device Device Manager to ch	es installed hange the	
		Device Ma	anager	
Drivers				
Dri	ver Signing lets you make	sure that installed dr	ivers are	
ho	w Windows connects to	Vindows Update lets Windows Update for	you set up drivers.	
ho	Windows connects to Driver Signing	Vindows Update lets Windows Update for Windows L	vou set up drivers. Ipdate	
Hardware Pro	w Windows connects to Driver Signing	Vindows Update lets Windows Update for Windows U	you set up drivers. Ipdate	
Hardware Pro	mpauble with windows, v w Windows connects to Driver Signing ofiles rdware profiles provide a erent hardware configura	Vindows Update lets Windows Update for Windows U Windows U way for you to set up tions.	you set up drivers. Ipdate and store	
Hardware Pro	Driver Signing Driver Signing ofiles rdware profiles provide a erent hardware configura	Vindows Update lets Windows Update for Windows U way for you to set up tions. Hardware	you set up drivers. Ipdate and store Profiles	

2.1.2.14) Find the "Hardware", then go to the "Device Manager".





2.1.2.15) Click"Ports (COM&LPT) "to find out the Com port No. is COM5 from "CP210x USB to UART Bridge Controller (COM5)".

P.S. The com port No. may vary due to different model computer.





2.1.2.16) Open the AD-1 software from desktop, and then Click button " SETTING"





2.1.2.17) Select the right com port No. from the dropdown list.

Note: Com serial select is selected according to the COM Port of "CP210x USB to UART Bridge Controller"



## 2.1.3 Language selection

AUT	toobd. net	UTOOBD 🕢 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TELNET FORUM DOWNLOK DIAGNOSI	EOBD2 CAN EUROPE JAPAN KOREA RUSSIA	EOBD2 CAN\ Select vehicle          Set paramter         Com serial select:         AutoSelect Com serial         Com3         Language select:         English         Simplified chinese         Traditional chinese         Russian         Turkish         Hungarian
	DATE HWUPDATE	REGISTRATION PRINT HELP

Select the right language from the dropdwon list.



# 2.2 Getting started

Pls check the following points before operating this device:

### 2.2.1. Working Condition:

- 1) Turn the vehicle ignition switch on.
- 2) The Voltage of the vehicle is 12-14V, the voltage of AD-1 is 12V.
- 3) Make sure the Throttle Valve is closed.
- 4) Ignition time and Idle speed must be in standard range, the water temperature must

be (90-110  $^\circ \rm C$  ), the auto transmission temperature must be 50-80  $^\circ \rm C$  .

## 2.2.2. Select the right diagnostic adaptor

AD-1 has vary adaptors for different vehicles, it is necessary to select a right one .

## 2.2.3 Connection

Make sure:

- 1) The transceiver connected with PC and signal indicator flashs in red
- 2) The software well downloaded as in chapter 2.1.
- 3) The AD-1 multiplexer properly connected with the car as in the picture(1) or (2) as belows:





(1)



(2)

**P.S.** : If the power supply of digonostic plug with a low battery or damaged, the power supply can be collected as following:

- 1. By using ignition lighter cable: Connect the ignition lighter cable with the car
- 2. By using battery cable: Clip the vehicle's battery with battery cable



# 2.3 **Operations**

Please make sure the step 2.1 & 2.2 are finished properly, then starting the following operation:

# 2.3.1 ADUI/VW Testing AUTOOBD NETWORK CO., LTD











www.autoobd.net		AUTOOB	
<ul> <li>E → → → EOBD2 CAN</li> <li>E UROPE</li> <li>↓ 2220</li> <li>↓ BENZ</li> <li>↓ BENZ</li> <li>↓ BENZ</li> <li>↓ BENZ</li> <li>↓ BENZ</li> <li>↓ PEUGEON</li> <li>↓ PEUGEON</li></ul>	EUROPE(AUDIW22.0% Select vehicle		AUTOOB Inc. All Rights Reserved.

2.3.1.2) Select the AUDI from the menu at the left side and double click V22.0 for entering the system.

AutoOBD						*
AUTOOBD www.autoobd.net BB2	AT 🐨 🚼 🐨 AT			OFFICIAL	HR	FORUM
ISONATOR ISONAT	EUROPEVAUDIW22.0\ Menu Control Modules Service/Oil Light Reset Dealership code					
< <u> </u>	RETURN PRINT HELP					RESET
(UPDATE) (HWUPDATE)	(REGISTRATION) PRINT	HELP HELP ON-LI	INE EXIT	$\supset$		



EOBD2 CAN	EUROPE\AUDI\V22.0\Control Modules\		
<ul> <li>EUROPE</li> <li>EUROPE</li> <li>AUDI</li> <li>CON AUDI</li> <li>BENZ</li> <li>BENZ</li> <li>BMW</li> <li>CITROEN</li> <li>A CITROEN</li> <li>A CITROEN</li> <li>A CITROEN</li> <li>FIAT</li> <li>A CITROEN</li> <li>FIAT</li> <li>POPEL</li> <li>POPEL</li> <li>POPEL</li> <li>PORSCHE</li> <li>RUSSIA</li> </ul>	Menu           01         Engine electronics           02         Transmission Electronics           03         Brake Electronics           15         Airbags           17         Instrument Cluster           08         Cantal Locking           04         Central Locking           05         Central Locking           05         Central Control Module           25         Immobilizer           19         Gateway data bus           20         Introno Monitoring           16         Steering Wheel Electronics           22         4WD Electronics 1           21         Engine electronics 3           22         Mynel electronics 3           23         Electronics 1           24         Steering assistance           14         Steering assistance           13         Buister control           25         Electronics 1           26         Electric roof control <tr< th=""><th>55 Headlight range control 65 Type pressure monitoring 66 Seat/mirror adjust 71 Battery charger 42 DRIVER-DOOR ELECT. 52 PASSE-DOOR ELECT. 52 PASSE-DOOR ELECTRONI. 73 BRAKER BOOSTASSI 63 DRVS BOARDING ASSI 73 DRVS BOARDING ASSI 73 DRVS BOARDING ASSI 74 DRVS BOARDING ASSI 75 DRVS BOARDING ASSI 76 PASSENE SEAT ADJ. 70 DISPLAY/CNTL UNIT 77 DISPLAY/CNTL UNIT 77 DISPLAY/CNTL UNIT 77 TELEPHONE 77 VOTCL UNIT REAR 77 VOTCE CONTROL 77 TELEPHONE 78 SLOING PACTECION 59 TOWING PROTECTION 59 TOWING PROTECTION 59 TOWING PROTECTION 50 TOWING PROTECTION 50 TOWING PROTECTION 50 TOWING PROTECTION 51 Engine Electronisc Conjunct. 31 Engine Blectronisc Conjunct. 32 Decking Eretorisc 53 Parking Brake 54 Auxiliary Fuel Tank 54 Stabilizers 1C Vehicle Position Detection 30 Specila Function 30 Specila Function</th><th>7E Ind.Unit in Inst Panel Ins. (DD Silding Door Left 7D Auxiling Heater OF Radio Tuner-Digital 1F Radio Satellite 2F TV Tuner-Digital</th></tr<>	55 Headlight range control 65 Type pressure monitoring 66 Seat/mirror adjust 71 Battery charger 42 DRIVER-DOOR ELECT. 52 PASSE-DOOR ELECT. 52 PASSE-DOOR ELECTRONI. 73 BRAKER BOOSTASSI 63 DRVS BOARDING ASSI 73 DRVS BOARDING ASSI 73 DRVS BOARDING ASSI 74 DRVS BOARDING ASSI 75 DRVS BOARDING ASSI 76 PASSENE SEAT ADJ. 70 DISPLAY/CNTL UNIT 77 DISPLAY/CNTL UNIT 77 DISPLAY/CNTL UNIT 77 TELEPHONE 77 VOTCL UNIT REAR 77 VOTCE CONTROL 77 TELEPHONE 78 SLOING PACTECION 59 TOWING PROTECTION 59 TOWING PROTECTION 59 TOWING PROTECTION 50 TOWING PROTECTION 50 TOWING PROTECTION 50 TOWING PROTECTION 51 Engine Electronisc Conjunct. 31 Engine Blectronisc Conjunct. 32 Decking Eretorisc 53 Parking Brake 54 Auxiliary Fuel Tank 54 Stabilizers 1C Vehicle Position Detection 30 Specila Function 30 Specila Function	7E Ind.Unit in Inst Panel Ins. (DD Silding Door Left 7D Auxiling Heater OF Radio Tuner-Digital 1F Radio Satellite 2F TV Tuner-Digital
	RETURN PRINT HELP		RES

2.3.1.3) Enter the "Control Moduels"

AUTOOBD vww. autoobd. net EOBD2 CAN EUROPE	学校 学校 学校 AUT OFFICIAL EUEOPE\AUDI\V22.0\Control Modules\ Menu Read Eco Fesory	HR TRAINNING FORUM
Image: Construction       Image: Construction         Image: Constrediate       Image: Constrediate </td <td>Diagnose system:01 Engine electronics P/N:480-906-018-CQ 1.8L R4/5VT G01 0001 Ecu memory:04051 Serve station code:01506</td> <td>tch electronics f leveling suspension ering assistance el damping electronics heating tance control ctric roof control t light control ht light control o. Lighting switch ctric drive tery control rgency call module king aid</td>	Diagnose system:01 Engine electronics P/N:480-906-018-CQ 1.8L R4/5VT G01 0001 Ecu memory:04051 Serve station code:01506	tch electronics f leveling suspension ering assistance el damping electronics heating tance control ctric roof control t light control ht light control o. Lighting switch ctric drive tery control rgency call module king aid
E ↔ RENAULT E ↔ VOLVO I JAPAN		ve slip control ver`s side seat adj. sel pump electronics
E KOREA	RETURN PRINT HELP	RESET

2.3.1.4) Read ECU Memory



AutoOBD		e 🛾 😣
AUTOOBD	ABORN IN OFFICIAL HR TRAIN	INING FORUM
	EVEOPE\AUDI\V22.O\Control Modules\O1 Engine electronics\ DIAGNOSE ITEM Fault Code	
CHE X022.0	No fault code.	
E CAND ROV E COPEL E X PEUGEOT		
E PORSCHE E VOLVO		
JAPAN E KOREA	RETURN PRINT HELP	RESET
UPDATE HAUPDATE	(REGISTRATION) PRINT HELP (HELP ON-LINE)	EXIT

#### 2.3.1.5) Read fault codes

EUBDZ CAN EUROPE EUROPE Cano AUDI Cano V22.0 E A BENZ E A BE	EUEOPELAUDIV22.0\Control Wodules\01 DIAGNOSE ITEM Control Unit Info Read Fault Codes Measuring Blocks Clear Fault Codes Basic Settings Adaptation Single Reading Output Tests Code Module Login Chassis Number adjustment Readiness	Engine electronics\
<ul> <li></li></ul>		

2.3.1.6) Measuring Blocks

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AutoOBD 🕞 🗋 😒						
A	AUTOOBD www.autoobd.net					
KLART FORUM DOTALLOAD DIAGNOSIS	EBBD2 CAN EUROPE EUROPE Can AUDI Can V22. 0 E & BENZ E & BENZ E & BMW E & CITROEN E & CITROEN E & CITROEN E & CITROEN E & OPEL E & PEUGEOT E & PEUGEOT E & RENAULT E & VOLVO	EUEOPE\AUDI\V22.0\Control Modules\01 Data stream CROUP: Basic Functions Idle Speed, 740-920 rpm Coolant Temp, 80-110 Oxygen Sensor, -10%-10% Adj for Basic, 1x11111	Engine electronics\ Value 1 0.0 30.00 0.00 10110010	Unit		
	H ■ JAPAN H KOREA ▼	RETURN PREV NEXT DEGLA	STOP SAVE	PRINT HE RESET		
UPDATE HAUPDATE REGISTRATION PRINT HELP (HELP ON-LINE EXIT						

2.3.1.7) Data stream of Engine



# **3** F.A.Q.



3.1

Once you get in problems while using AD-1 universal scanner, please read this user's manual carefully, if still can't be sloved. Please contact our service center.

Frequently Asked Questions might help you:

#### 3.1.1 USB Driver can't be downloaded

Ask: Why the Application " AD-1-USB-Driver" Can't be installed after copied to another PC via Flash disk.

Answer: It is caused by Flash disk, the application might be dagmaged when copy the file from one PC to another. Pls refresh the Flash disk, then copy the USB driver application again.

#### 3.1.2

Ask: Why the "Failed to open the port!" Comes out on the software screen when we start our testing with the device?

Answer: It is due to the software com port setting failed. Go back to the software main page, click button " SETTING", and then select the right com port. (You may refer to the USB driver installation in this manual). If still problem, re-plug the USB line.



#### 3.1.3 The indicator of the multiplexer not working:

Please check if the connectors well connected with the car diagnostic socket and ignition switch is on, If the multilpexer indicator now working while testing, and failed for diagnosing.

3.1.4 The diagnosing is failed but multiplexer indicator is on It might be due to

- 1) The car without the tested system
- 2) You should update your software
- 3) You might need to replace the multiplexer