Intro



1.Feature and Function

DigiMaster-III is the third generation multi-functional Automobile data adjusting equipment developed by Nanning Yanhua Electronics Co.,Ltd. It bases on a high performance hardware platform which takes high-speed CPLD and the ARM11 processor as the core device. Seven inch LCD touch-screen with high resolution makes its interface easy-used. Working with various types of adapter you can easily achieve odometer correctioni¢Audio decodingiøairbag resettingiøengine ECU resettingiøIMMO, programming key for Benz and BMW etc. It is applicative for all types of data processing such as OBD connection, dashboard soldering, CAS-BDM.

It contains the advanced technology of programming new keys for BMW and Benz, CAS-BDM reading/writing and resetting, 35080V6 erasure etc. The operation interface is highly user friendly, large numbers of pictures and particular description makes your operation pleasant. Online updating and module authorization keeps you always on the leading edge of technology.

4 3 2 1 Quining of 14 0

(9)

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1

1	25 Pin adapter connector	8	15 Pin adapter connector
2	Mini USB Connector	9	Power adapter
3	USB Mouse Connector	10	switch
4	RJ45 LAN Connector	11	Power Indicator Light
5	Earphone Connector	12	Touch-Pen Connector
6	SD Card Connector	13	Keyboard
7	Microphone Connector	14	7 Inch LCD Touch-screen

2.Connector Instruction

j¤°′¹∕₄ü¹¦∕	ÄÜ˵	Ã÷£°
-------------	-----	------

Keystoke	Function Instruction	
F1	Backspace	
keyboard	open/close soft-keyboard	
ESC	ESC	
ОК	Enter	

The device will become Dormancy with black screen if no operation after XX minutes. Please click the screen to active it.

2

3.Adapter List

Product Name
OBP Adapter
ICP Adapter
NEC Aug ter
NEC 14-PIN cable
W205/W220 Adapter
TMS370 Programmer
MCU Adapter
K&CAN Adapter
CAN-OBD DMI
VW AUDI OBDII
BENZ 38PIN
BENZ OBD
BMW E36
BMW E36 Meter Socket Connecting Cable
BMW E38/39
BENZ 95S
JAGUAR11DU
C/E CLASS
Ford Ranger
9S12 Adapter
Lexus LS400 Adapter
Grand Cherokee Adapter
W211 Adapter

Software Instrallation

This section will show you how to install software of DigiMasterIII as we' as how to connect it with your PC.

×S

1.Installing D3 Tool

Setp 1: Double-click the installation files in the CD.

Step 2: Choose the route of Installation



Step 3: Open the software interface as below after installation



2.Connect the D3 with PC and internet

Step 1: Connect the D3 USB with PC. Click "Cancel" after the window bombed as below.

New Partnership	
	Set Up a Partnership Before you can synchronize informatic wet veen your mobile device and this computer, you muss set up a partnership between them. Would you like to set up a partnership? • Yes Set up a partnership so that I can synchronize information between my device and this computer. • No I don't want to synchronize information. Set up my device as a guest so that I can copy or move Aformation between my device and this computer.
	< Back Next > Cancel Help





File View Tools Help Sync Sync Schedule X Explore Guest Connected	ew Tools Help rnc D Schedule C Explore st rcted Hide Details & ation Type Status	
Sync C Schedule Explore Guest Connected	Anc C Schedule C Explore St Acted Hide Details Status	
Guest Connected	eted Hide Details A	
Connected	Acted Hide Details Action Type Status	
	Hide Details 🗙	W
Hide Details	ation Type Status	Hide Details 🗙
Information Type Status		
Information Type Status		

Step 4; Just reconnect the USB cable if the USB connecting is cut showed as below-indow.

🛞 Microsoft ActiveSync	
File View Tools Help	
🔇 Sync 🕑 Schedule 🔯 Explore	G
No partnerships	66'
Not connected	Hide L etails 🛠
Information Type Status	30
· Man .	
<u> </u>	

MInsert the connector of LAN cable into RJ45 LAN connector of D3 to make online update.

3.Remote Assistance

Our engineers will provide you on-line technology support via internet when you choose long-distance assistance function.

Step 1: Please contact the Sales from my company to obtain an IP before the Remote Assistance. Then connect your D3 with internet.

Step 2: Open D3 Tool software to enter"Remote Assistance", then choose "Require Remote Assistance".



Step 3: Input the obtained IP and click "OK" in the bombed window ${}_i\ensuremath{\mathbf{\pounds}}$

🗼 Remote Assistance: 🖔 Ba	: k
Set IP	
Remote Assistance Request	
Remote Control	Start Assistance Peer Address: 180.136.156.186 Cancel
🚵 Homepage	F Back Remote service O Directions
4.Kernel renovation	Co.
APlease don't try easily becaus	Kernel Renovation being hazardous. Normally it is used on the useless because

the lose of kernel.

Step 1; Click keystoke "8" and "OK" together, then power on. The indication of "Press OK to continue and ESC to cancel" will appear on the screen. Press "OK" into Renovation. Step 2: "Found new hardware" is found in the system when you connect USB cable with the PC.

Found New Hardware Wiz	ard
	This wizard helps you install software for: SEC S3C6410X Test B/D 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
tep 3: Choose " Install softw	ware automatically", Click "next".

Step 4: Running D3 tool software, choose "KERNEL update"

Step 5: Indication "USB connect successfully" will appear as beir w after the USB is connected.

Y ThTech WINCE Kernel Update Tool	
User Notes: Before updating,please set o update mode, and then press "1" key and "OK" key simultaneously to enter	Kernel Update
USB connect failed	Quit
System up dere tip: Ver:1.0.1010.0	

Step 6: Click "KernelUpdate", choose kernel files, then click "OK" to start renovation.

Step 7: Several minutes is need for kernel renovation. It is finished when the indication of "USB connect failed" appear.

Easy Operation Manual

Helping you checking accessories f_{\neg} complete the activation f_{\neg} authorization and updating.



1.Activation

Digimaster-III need to be activated on line with the Activation code provided by us in the first using. You can activate and recharge Digimaster-III by the following steps.

Step 1: Power on and connect the D3 with internet. The anactivated £DD3 show as below. Click "OK" to start activation.



Step 2: Input the validation code in the left dialog, Click "next" to download update programme and management programme.

APPAN VANNUA TEGN	Digi	Ma	s	te	r ī	-									
Update Device	Files											1	1		
Tip: Connecting serv Connect server(er(sale.autoem (sale.autoemas)	iaster.com)	m) succ	eed	Veri	fy Co qfre	xde:	C) F See	f clearl	e		-		
		Inpu	t Pan	el 2	3	4	5	6	7	8	9	0			BS
		Tab	q	w	e	r	t	у	u	i	0	р]	1	1
/ Release ver: 1.5	5.1012.4	Caps	a	s	d	f	g	h	j	k	1	;	1	rel	turn
		Shift	z	x	с	۷	b	n	m	,		1	up		pgup
		Ctrl	win	Alt						ns	del	lt	dn	rt	pgdn

Step 3: Activation window will appear after downloading Management rog amme. Please input your information

					X	Ć	7									
Device I	Jser Register			6	>,											
Checking			C	0												
Operatir	🧸 Customer infe	iorantic	01.							-				-		
Device r	Key information(R qu	ureo,,												28		
Device r	Company name:							*(Allow	ws 1-1	.00 k						
Device (Con, iai ee: 🔹	nanjing						*(Allon	ws 1-5	io let	_					
Start de	Col, tart Audress: [henan						*(Allon	ws 1-1	.00 k						_
Operatir	Telephone:	123 Ir	nput	Pan	el	_										×
	Other info(Choose to	fil in)	•	1	2	3	4	5	6	7	8	9	0	-	=	BS
100	Fmail	т	ab	q	w	е	r	t	y	u	i	0	р]]	1
Release .		C.	aps ock	a	s	d	f	g	h	j	k	I	;	•	rel	um
		S	hift	z	x	С	۷	b	n	m	1		1	up		pgup
		12		12		1					100	del	L.		1	nada

Step4 Enter the activation code and password provided by sales then click "next".

Device Register		
Tip:	ID:	r743439397148
Checking device	A Decemend	
Operating	Passworu.	listereteretereteretereteretereteretereter
Device not activated		
Device remain point: 0		
Device check ok		
Start device register		
Operating		
Release ver: 1.5.1012.4	N	ext step Exit

2.Paymemt

Step 1: Recharge dialog will appear after D3 activation in the first user line, click "Payment" in "management center" to start recharging.

💦 Re	echarge & A	ccount	center:	<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>							
	Authorise		Payment	Module price	*	Remote Assistance					
			60								

Step 2: Input the Recharging code and password provide by the sales. Click "Next".

	Charge Points														
	Tip:			- 22		ID:	6	7260	00828	997		_			
	Device remain point: 338 Device check ok			*	Pas	sword	ין א אי	*otototo	***						
Rechard	Device register check														
Aut	Device register OK Start downloading device file														
	Downloading device file(1/1)	Inpu	t Pan	el											
	pevice file update ok		1	2	3	4	5	6	7	8	9	0	-	=	BS
Help Co	No. of the second s		1.04				1 10								
Vp-		Tab	q	w	e	r	t	y	u	i	0	р]]	1
Up-	Release ver: 1.5.1012.4	Tab Caps Lock	qa	w s	e d	r f	t g	y h	u j	i k	0 	р ;]] rel	۱ sum
Lip Co	Release ver: 1.5.1012.4	Tab Caps Lock Shift	q a z	- W S X	e d c	r f v	t g b	y h n	u j m	i k	0 	р ; /	[' up] rel	l urn pgup

Step 3; Click "Finish" to finish the recharging after reminding of successful Payment appear.

3.Upgrade

We provide frequent upgrade of software & hardware programme, new vehicle models or amend hole in order to improve the functions of Digimaster-III. Please note the upgrade affiche in our website http://www.autoemaster.com/en/

Step 1; Click "Software upgrade" to find new upgrade. Input the Validation code in the dialog to start download and upgrade.

🗼 Digimaster III	I Instruction: 🏷 🛛	lack			
	Key Register	[Key List	YH Key Information		
Step 2; It will remind Click "NO" to next st	you whether you noted to upg	eed adapter upgrad grade adapter frequ	e after software updatently)	e. Click "YES" to star	t adapter upgrade;
Note: Do you no or go to next st	eed to upgrade ac tep.	Japter,	S.		

Step 3; Enter the verify code and click nex The D3 will restart automaticlly after software upgrade.

		Up	date	: Dev	rice F	iles				_				
			o: onnec onnec	ting : t ser	serve vei (s	risa Ne a	utoen	perna naste	ster.cor	com) n) su	 cceed	- v	erify 04z	Code: 04 Z X See clearly
npu	t Pan	iel											×	1
	1	2	3	4	5	6	7	8	9	0		=	BS	
Tab	q	w	e	r	t	у	u	i	0	p	[]	1	Next step Exit
aps	a	s	d	f	g	h	j	k	1	;	•	rel	turn	h.
Carl South Street of		and the second se	and the second second	and the second second	and the second s	and the second se	and the second s	and the second se		the second se	and the second se			

Operation sample

In This section, we use a specific car as an example to elucidate the entire proceeding of odometer correction?Audio decoding?airbag resetting?Controlling ECU resetting?IMMO, programming key for Benz and BMW etc.

1.Programmer



1.1 Files Operation

You will find the following interface during many operations(IC programming, CPU programming,Odometer adjusting,Audio decoding). It show the current data read from the IC by HEX format. You can adjust or save the data in this interface.

HEX address is in the left column. Data area is in the right column. Data ASCII display is in the bottom when you move the scroll bar.

1	Read Da	ta 🔹 📑 Sa	ve Data 🔸	🛷 Write D	ata 🔥 💦 E	lack Data	Modif	y data 🛛 🕻	Close			
00	0000	00 FF	FF FF	FF FF	FF FF							
00	0010	FF FF	FF FF	FF FF	FF FF							
00	0020	FF FF	FF FF	FF FF	DEFB	DEFB	DEFB	DEFB	DEFB			
00	0030	DEFB	DEFB	FF FF	FF FF	00 00	FF FF	FF FF	FF FF			
00	0040	EFBD	EFBD	EFBD	EFBD	D7 FF	D7 FF	D7 FF	D7FF			
00	0050	FF FF	FF FF	FF FF	FF FF		•					
00	0060	FF FF	FF FF	FF FF	FF FF		•					
00	0070	D2A3	AF7B	8078	3C4F	D2A3	AF7B	8078	3C4F		. 1	
00	0080	FF FF	FF FF	0D80	7200	0D81	7100	0D82	7000			
00	0090	0D83	6F00	FF FF	FF FF	FF FF	FF FF	FF FF	FF FF		0	
00	00A00	FF FF	FF FF	FF FF	FF FF							
00	00B0	FF FF	FF FF	FF FF	FF FF		•	*				
Ř											\$	1 1 1

item	function
ReadData	Read data from device
SaveData	Save data file to SD card
WriteData	Write data in or levice
DackData	Import data τι device
ModifyData	shin to modify modle
Close	Exit

			• 10														
Fill 🖋	Write Data	· Zvr	iy ahip ∗≲	Reflus	sh •	i nc	opy	. 6	Pasti	e • I	ý Un	do 🔹	\$ (2uit			
000000	1234	FRINE	FF FF	FF F	FF	FF	FI	FI	FF	FF	FF	FF	FF		4		*
000010	FF FF	FF FF	FF FF	FF FI	FF	FF	FI	FFI	FF	FF	FF	FF	FF				
000020	FF FF	FF FF	FF FF	DEF	B D	EF	B	DEF	B	DE	FB	DE	FB				
000030	QEFB	DEFB	FF FF	FF FI	F 0	00	0	FI	FF	FF	FF	FF	FF				
000040	ÈFBD	EFBD	EFBD	EFBI	DD	7 F	FI)71	FF	D7	FF	D7	FF			• 3	
000050	FF FF	FF FF	FF FF	FF FI	FF	FF	FI	FI	FF	FF	FF	FF	FF				
000060	FF FF	FF FF	FF FF	FF FI	FF	FF	FI	FI	FF	FF	FF	FF	FF				
000070	D2A3	AF7B	8078	3C4	E D	ο Λ el	121		7R	Ω٨	7Q	30	45				×
000080	FF FF	FF FF	0D80	7: •	1	2	3	4	5	6	7	8	9	0		H	BS
000090	0D83	6F00	FF FF	Tab	q	w	e	r	t	у	u	i	0	р	[]	1
0000A0	FF FF	FF FF	FF FF	Caps	a	s	d	f	g	h	j	k	1	;	1	rel	turn
0000B0	FF FF	FF FF	FF FF	Shift	z	x	с	۷	b	n	m	1		1	up		pgup
4	· · · ·			Ctrl	win	Alt						ins	del	lt	dn	rt	pgdn

item	function
Fill	Fill a section address with data
WriteData	Write data into device
VerifyChip	Verify data to find if WriteData successful
Reflush	Reflush device with all FF
Сору	Copy a slice of data
Paste	Paste data
Undo	Cancel the previous action
Quit	Return to data interface

1.2 IC Programming

Step 1: Connect the c	nip De	-soider or lin	k the chip to the (OBP adapter accordi	ng to the instruction.
-					

1.2	L2 IC Programming Step 1: Connect the chip De-solder or link the chip to the OBP adapter according to the instruction.											
	Please s	elect the	type of	chip:(Se	e the Heli		ack					
Us	ual serie	s										
	24C01	24C64	25170	89102	93LC46	95320	CXK1011P	non-standard 93C46				
	24C01A	24C128	25320	93C06	93LC56	95P01	D6253	M35080 Series				
	24C02	24C256	25640	93C14	93LC66	95P02	D6254	B58(BOSCH)				
	24C02A	25010	3132	93C46	93LC86	95P04	S130					
	24C04	25020	35080	93C56	95010	95P08	S220					
	24C08	25040	59C11	93066	95020	97101	ST14771					
	24C16	25043	68343	93C76	95040	X5043	PDH004					
	24C17	25045	85C72	93C86	95080	X5045	X25043					
	24C32	25080	85C82	93CS56	95128	C46M6	B58252		-			
	1	ስ Hom	nepage	5	Back	🌮 Re	mote sei	rvice 🕜 Directi	ions			

Step 2: Choose the corresponding chip in this interface to begin read or program the chip.



1.3 CPU Programming

Step 1: Connect the chip De-solder or link the chip to the OBP ad the according to the instruction.

Next	p) 🥎 Back		
		jal Se	
lesson	age 5 Back	Remote service	② Directions

Step 2: Choose the corresponding chip in this interface to begin read or program the chip.

Read	ata 🔸 🔡 Save Data 🔸	Rack Data • 🍣 M	odify data 🔹 🚫 Clos	ж			
00000	1234 FF FF	FF FF FF FF	FF FF FF FF	FF FF FF FF	. 4		~
00001	1235 24 20	10 10 12 51	40 10 1F FF	FF F0 10 FF	. 5	\$	
00002	FF FF FF FF	FF FF FF FF	FF F1 0101	OF FO FF FF	÷ 4		
00003	FAAA AAAA	AA FO FF FF	FF FF FF FF	FF FF FF B7			
00004	00 00 18 B7	0000 <u>18</u> B1	00 00 18 B7	00000001D	• •		
00005	E600000	00 00 00 00	00 00 00 00	00 00 00 00			
00006	00 00 00 00	00 00 00 00	00 00 00 00	00 00 00 00	× 5		
00007	00 00 00 00	00 00 00 00	00 00 00 00	00 00 00 00	жэ		
00008	FF FF FF FF	FF FF FF FF	FF FF FF FF	FF FF FF FF	• •		
00009	FF FF FF FF	FF FF FF FF	FF FF FF FF	FF FF FF FF			
0000A	FF FF FF FF	FF FF FF FF	FF FF FF FF	FF FF FF FF	ж. ș		
0000B	FF FF FF FF	FF FF FF FF	FF FF FF FF	FF FF FF 00			*
8						1	

1.4 Signal Generator

Frequency signal generator can generate the specified speed signal, contect to the signal pin in the odometer and then used to run the odometer.

2.Audio decoding

WWW .

When the vehicle audio was power off because of buttery damage, the audio will start the anti-theft system automatically. Digimaster III can calculate the audio code out or initiatize the it.



Step 1: De-solder the corresponding chip according to the software prompts. Click "Next" to begin decoding.

Alfa	Aucli	Benz	BMW
Ford	12:11	Honda	Lexus
Mazda	Mitsubishi	Peugeot	Porsche
Renault	Toyota	Volvo	Volkswagen
Other	Address	BMW TV-free	

Step 2: Please remember the code in the pop-up dialogue box, click"Next", the code was written in the chip.

Street Modify of	lata • 👼 Transfer Code • 🔚 Save Data • 🚳 Close					
000000	89 A8 8F E8 94 70 94 70 8E 30 8E 30 1	17 BB 1C	20	<u>.</u>		-
000010	FF	FFFFFF	FF			
000020	FF FF YanHua Auto Master Series		FF			8
000030	FFFFF The currently selected transfer documents are:		FF			
000040	C0 00 BenzBE1130-24121.YH	Next	C0			
000050	00 00		00	ē 9		
000060	00 00	Cancel	00		. (
000070	00 00 Sound Code	Pocoloct	FF			
000080	FF FF 24121	Reselect	FF			
000090	00 00 00 00 8E B8 BA8E B8BA 00 AA 8	SE B8 BA	00			
0000A0	AAAA 42 45 43 4B 45 52 5F4D 4A 39 3	34 5F 45	52		BI	
0000B0	53 57 0B 12 2A 04 00 00 00 00 00 00 00 00	00 00 00	00	SW		
×					*	120

Step 3: Solder the chip back to the board, and then use this new code to decode the audio.

2.3 Address Code

These models only need to short-circuit some welding spot to reset the code, the software will give a specific method.

3.Meter System



To make sure the data was safe, please save the original data before change it by yourself.

Step 1: Click on "Odo adjuster"on the homepage, and then choose the car model of the odometer. For example: American vehicles- Chrysler.

Chrysler:(See the Help)	Back	
300C	98 Cherokee C56	Neon
300M	Dodge Ram C46	Dodge
Aveo	Herdsmen(Wrangler)	300MK
Sebring	Crossfire C66	Cherokee
03 Ram	PT Cruiser	Stratus
99-2001 Grand Cherokee	RL76 Cherokee	Liberty
After 2002 Grand Cherokee	Voyager	2007 Voyager
2005 Grand Cherokee C86	Grand Voyager	
🟠 Homepage	🐬 Back 🛛 ಶ Remo	ote service 🕜 Directions

Step 2: Take Dodge Ram for example, de-solder the memory chip on the odometer board, and solder the chip to the OBP adapter. ets



Step 3: Save the data and enter the expected nileage.

Read mil	💽 Read mileage 🔹 📇 Save Data 🔹 🕜 Baox Bata 🔹 🍣 Modify data 🔹 🚳 Close								
000000	FFFFFFFFF	FF FF FF	BAFC FF FF	BAFC	FF FF				
000010	BAFC FF S	DFE1 FF FF	FF FF FF FF	FF FF	FF FF				
000020	FF FF FN	FFFFFFFFFF	FF FF FF FF	FF FF	FF FF				
000030	FF FF FF FI	Adjust the odometer	F.	- FF	FF FF				*
000040	FF FF FF FI	Adjusting mileage:	 Kilomet 	ter FF	FF FF				÷
000050	FF FF FF FI	12	OMile	FF	FF FF				18
000060	FF FF FF FI			FF	FF FF				8
000070	0ED6 95 2:	K OK	× Cancel	JFF	FF FF				•
	-								
30									

Step 4: After it prompted succeed, click on "Exit". Solder the chip back to the odometer.

3.3 ICP Adjusting

Step 1: Take American vehicles- Chrysler- 300K for example: Choose "Program BCM module", solder the wires to the welding spot of the odometer, then click"Next"



Step 3: After it prompted succeed, click on "close". De-solder the wires off the odometer.

3.4 OBD Adjusting

Step 1: Take European Vehicles- VW for example, choose "Diagnosis". In this page it list all the models that can be adjusted via OBD way, here we choose "Autodetect", it can identify the car model automatically.

Volkswagen:(See the Help) 🖐 Back							
Detect vehicle and adjust meter automatically							
Diagnostic socket adjustme	int						
Alhambra	Polo	Old trw CS46					
Bora	Sharan	Old Vdo 3.5-3.9 C46					
Caddy	T4	Sagitar 24C32					
Cordoba	Touran	Savero 06 95040					
Gol	Touareg	T5 C86					
Golf	Altea 24C16	Toledo C86					
Ibiza	Arosa Trw 24C04	Vento C46					
Lupo	Inca Vdo 3.5-3.9 C46	Bettle					
🟠 Homepage	璓 Back 🛛 ಶ Remo	ote service 🕜 Directions					

Step 2: Check the outfit of the cable, insert the OBD cable to the Diagnosis port, click "Next".

٠

Step 3: enter the expected mileage.

Automatic detection:(See the Help)	5	Bacl	ĸ		C	•								
Next Adjust the of Adjusting m	leag	e:		0	Kilor Mile	nete								
	Inpu	t Pan	el		_		-	-						×
	•	1	2	3	4	5	6	7	8	9	0	-	=	BS
	Tab	q	w	e	r	t	у	u	i	0	р]]	1
	Caps Lock	a	s	d	f	g	h	j	k	1	;		rel	turn
	Shift	z	×	с	۷	b	n	m	τ	1100	1	up		pgup
齘 Homepage 🛛 🐬 Ba	Ctrl	win	Alt	Î.					ins	del	lt	dn	rt	pgdn

4.Anti-Theft System



This function can be divided into two parts: Anti-th, ft code reading(VW, Citroen and Puget) and program keys for BMW and Mercedes Benz.

A Features of some adapters.	
Adapter Name	Feature
9S12 Adapter	
OBD Adapter	
CAN Adapter	
CAS-OBD Adapter	

4.1 Anti theft Code Reading

Step 1: Click"Anti-theft System" on the Homepage, and choose the vehicle model of the anti-theft device. Take "VW- AUDI - New Passat" for example.

🟠 Homepage	J Back	Remote service	② Directions
Touareg	New Passat		-
PASSAT 1.8T	POLO V2		
PASSAT B5 V2	POLO V1		
PASSAT B5 V1	Skoda		
PASSAT B4	Golf		
Age superman	Gol		
AUDI A6 V1	AUDI A4 V1		
AUDI A6/C5 D04-D09	BORA V1		
AUDI A6/C5 D03	BORA-6A6B		_
AUDI A6/V6	BORA-5A5B	08 Jetta	
Diagnostic port read code			

Step 2: Find the chip on the circuit board according to the instruction(e.g.93C86), remember the chip direction and solder it off, weld it on the adapter and then click "Next".

New Passat:(See the Help)	Back	<u> </u>	
VW\Audi PASSAT 1.8T scop	e of readab		
3BD920848D		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
3BD920806G	<	2	
Device type: 93C86	0		
<u>Next</u>	0		
Mar Internet			
	L3		
춺 Homepage	🔻 Back	🌮 Remote service	Oirections

Step 3: The anti-theft code will be shown in the dialogue box.



4.2 Key Binding



The BZ-KEY and BM-KEY produced by our company call only be programmed by our key programmer(This key programmer also support original key programming), (increfore, you need to bind the keys to the programmer before using them.



Suitable for the last data: If you are using Automatic mode, and the operation was stop accidentally, you can use the recorded data and begin with the last step, do not need to start all over again.

Key Binding Steps:

To download the bond key information to the device key list.

Step 1: Click ""Key Register" in Management Center.



Step 2: Enter the verification code into the pop-up Dialogue box.

YH KEY Register	
Tip: Connecting server(sale.autoemaster.com) Connect server(sale.autoemaster.com) succeed	Verify Code: Ckad See clearly See clearly See clearly
Release ver: 1.5.1012.4	Ne k t step Exit
Step 3: The device will download update to your key list.	

About Automatic mode, Advanced mode and Special mode.

Key programming can be done by Automatic mode and Adv anced mode. The results of both methods are the same and the process is also similar, the only difference is: when in ...dva...ced mode, you can use you own data (bin format or other YH format), skip some steps to save time and tokens. So ecial mode suitable for BMW using two keys in one key channel.

4.3 Mercedes Benz Key Programming

Step 1: Go to the Mercedes Ben: Key programming page.

Step 2: Take S Class W2.20 as example, click "S Class", choose Automatic mode, you will see there are 3 steps to program the key to: Benz W220.

Benz:(See the	e Help) 🖐 Back			
Program keys f	or Mercedes Benz:			
S Class	CL Class	SL Class	E Class	
CLK Class	CLS Class	C Class	ML Class	
V Class				
Use the last data	a			
Change Key:				
Change Key				
Chip programm	ling:			
7935				-
🟠 Ho	omepage 🛛 璓 B	ack 🛛 🗊 Remote	service 🕜 Direction	ns

Step 3: First step, program EIS, choose 05X32/1D69J to enter the following page.

DAS IMMO ECU 0	5X32 (0D69J)	DAS IMMO	ECU 05X32 (0D62J)
DAS IMMO ECU 0	5X32 (0D53J)		
		iononoj	1
Step 1: EIS	Step 2: DME	Step 3: ESM	Step 4: Key Programming
Step 1: EIS	Step 2: DME 11E9/4E28B	Step 3: ESM 93C56	Step 4: Key Programming MOTOROLA CPU
Step 1: EIS 05X32/10691 08AZ60/1J35D	Step 2: DME 11E9/4E28B 5P08/95040	Step 3: ESM 93C56	Step 4: Key Programming MOTOROLA CPU NEC CPU
Step 1: EIS 05X32/10691 08AZ60/1J35D 08AS60/4J74Y	Step 2: DME 11E9/4E28B 5P08/95040	Step 3: ESM 93C56	Step 4: Key Programming MOTOROLA CPU NEC CPU YH KEY

Step 4: De-solder the two CPU according to the diagram, and solder them to the adapters.(to avoid mix up please mark the two CPU before taking them off)

3 05X32/1D69J:(See the Help)	Back		5
<section-header></section-header>			
🟠 Homepage	璓 Back	🧊 Remote service	② Directions

Step 5: After read the data it will show the SSID information etc. Choose the key number you want and then click "Write data" to finish the EIS adjust.

Bac	Key Information			
00	EIS Info	Select Key		- 2
00		Key (Leed	Key 9	
00	SSID C856E619	Key 2.5ed	□Key 10	
00	a contract free contract of the	CKey 30eed	🗌 Key 11	
00	PassWord 76608D7A85F4	7130	■ Key 12	
00	VIN		📕 🗆 Key 13	
	the L	□Key 6	Key 14	
		Key 7	EKey 15	
00		Key 8	Key 16	
00	Writ	e Data Cancel		1
50		allan Cana	~	
				3

Step 6: step 2, DME. Take 95040 for example, check the picture and remove the clip to the adapter, click "Next".

	Y
5P08/95040:(See the Help) 5Back	
Pext	C C
	arsetsi
🚵 Homepage 🐬 Back	Remote service Oirections

Step 7: After read the data, it will show the ECU information, click "Write data" to finish the ECU programming.

Back Dat	a 🔹 🔚 Save Data 🔹 🚳 Close					
000000	0000 0D02 00 67 07 1E 1E 00 05 FF FF FF 1E	04				-
000010	0A00 4180 FB 57 0280 0280 7F FF 7F FF 7F	FF			A	
000020	7FFF YanHua Auto Master Series	00				
000030	00.00 ECU Info	FF				
000040	FF 30 Part Number	FF		0	2 :	
000050	FF.FF VIN	FF				
000060	FEFF Factory Data BEF410F07874BE	FF				
000070	FF FF	FF				
000080	33 34 Write Data Cancel	2D	3	4	5	
000090	FF	FF				
0000A0	FF	FF				
0000B0	FF	FF				
3				1	×	24

Step 8:Step 3, ESL. Check the picture and remove the chip to the adapter, click "N xt".



Step 8: click "Write data" to finish this step.

Back Dat	ta 🔹 🔤 Save Data 🔹 🚳 Close				
000000	F <mark>F FF </mark>	FF			-
000010	FF	FF			
000020	FF FF YanHua Auto Master Series 🔤	FF			
000030	FF FF	FF			
000040	FF FF	FF			
000050	FF FF Read data successfully,writing data now?	FF			
000060	FF FF	FF			
000070	FF FF	FF			
000080	FF FF Write Data Cancel	FF			
000090	FF	FF			2
0000A0	FF	FF			4
0000B0	FF	FF			-
<				3	

Step 9: Step 4, key programming (this step is based on the data of step 1, if not implemented "Step 1", this step can not be operated). Take YH Key for example. Before program the YH Key please make sure it was registered.



4.4 BMW Key Programming

Step 1: Go to the BMW Key programming page.



Step 3: Click "Step 1: CAS Reading". After read the data the following interface come up, the red key No. has been used. Choose the Key No. you want and click"Next" to finish the first step.



Step 4: Choose "Step 2: Key programming". Place the key in the slot of the accott . (If the key is YH Key please make sure it was registered before programming). Click "Next". The pop-up dialogue will show the information of the current key.

👗 Key	Programming:(<u>See the</u>	Help) 퉛 Bac	* <u>\$</u> 5*	
Note:T	his operation would	check the chi	p Frazza to program t	he key.
. Chec	k Chip		\sim	
.s.Old k	ey PCF7943/44 unloci	· C	>	
Adapter		<i>b</i> .		
	J'	í.		
	🚵 Homepage	🐬 Back	🧊 Remote service	Oirections

Note:This operation would	check the chip First,then to prog	gram the key.
• Check Chip	YanHua Auto Master Series	
Sold key PCF7943/44 unlock	Chip Type:YH KEY Chip ID:35467885 Do program the key?	
Adapter:	Yes X No	
Homenage	F Back Remote ser	vice 🕜 Directions

Step 5: Choose the Key No. you want to program, it will pop-up the tokens dialogue box, click "Next" to continue.



Step 6: During the programming process it will prompt you the quantity of the used key and the key can be bond, click "OK". When the used key has reached to 20, the key storage area was full, you need to go to the management center to update key list, please refer to *7.4 Reading Key List*



Step 7: Connect the 9S12 adapter to Digimaster III, click "Step 3: CAS programming to write the data back to the CAS.

👗 1 Series White Shell 9S	12DG256:(See the Help) 5 Back	
Note: Please connect co	prrectly referring to the following picture defore operation	
Operation steps: Step 1: CAS Reading Step 2: Key Programm Step 3: CAS Programm CAS location diagram	YanHua Auto Master Series Make sure connected divices and adapter, and rico in the chip! Yas Xo	
Left		
Homepa	e 🔻 Back 🌮 Remote service 🕜 Directions	~

If your BMW key was successfully programmed once, and you want to change to another key No.or another car, please contact our Technical department.

5.Airbag Resetting System

After airbag detonation, the error record will be saved in the memory code of circuit board by airbag ECU. If you write the data generated before detonation when the computer hard disk not destroy, then you no need to change the circuit board.

5.1 Airbag Resetting

Audi	Chrysler	Citroen	FIAT
Ford	GM	Honda	Hyundai
KIA	Mazda	Mitsubishi	Nissan
Opel	Peugeot	Renault	Rover
SSangYong	Subaru	SUZUKI	Toyota
Volkswagen	Samsung		~~
🟠 Hor	nepage 🔻 Back	😰 Remote s	ervice 🕜 Direction

Step1: Enter the Airbag Resetting interface, choose the relevant model. Here we take Toyota as example.

Step2: The airbag will be showed in list by number.Take "Toyota09170-06340" as example, you can find out the chip in airbag ECU according to the diagram, then dismantle the chip to install to OBP Adapter, click "next step" to go.

🗼 Toyota series 89170-0634	<mark>40:(</mark> See the He	lp) 🖐 Back 🖕 乞	
Device Model: RA66 Next	C	J. Ser	
	MM.		
齝 Homepage	璓 Back	🌮 Remote service	Oirections

Step3: After finish reading data, it will prompt you whether need to restore airbag. Click "next step", the data will be restored to airbag chip.



6.Control Computer

	ECU:(See the Help) 5 Back
	Please select the ECU models:
	Passat B4
	Bora 06A906032EQ
	Bora 06A906032LE
	GOL 5X0907311A
	Jetta 1GD906033
	Hongqi 488
	Superman 330907559A
	M154-0261205022
	N Homepage 🔻 Back 🌮 Remote service 🕜 Directions
2 1518	DigiMaster]
Programmer	udia Deviadara Mater System TENO
-22	
Airbag Resetting	ECH Management Directions

6.1 Resetting the Control Computer Data

Step1: Choose car model. Take "Passat B4" for example.

💦 ECU:(See the Help) 🦐 Back		
Please select the ECU models:		
Passat B4		
Bora 06A906032EQ		
Bora 06A906032LE		
GOL 5X0907311A		
Jetta 1GD906033		
Hongqi 488		
Superman 330907559A		
M154-0261206622		
춺 Homepage 🛛 🐬 Back	🌮 Remote service	Ø Directions

Step2: According to the diagram, dismantle the chip and install to ICP Adapter, click "next step" to go on.

Step3: After finish reading data, it will prompt that "it will cover the engine computer data", then click "next step" to write data into the engine computer.

Modify d	lata 🛛 🍕 Update ECU data 🔹 🔤 Save Data 🔹 🚳 Close					
000000	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	8C4D 00	00 .			~
000010	FF FF FF FF FF FF 0101 000 00 A5	00 00 00	00 .			
000020	020E YanHua Auto Master Series,		00			
000030	00 00 The current reset EQ Lis:		00		. I	
000040	00 FF Passat B4-24C02 THE	Next	00			
000050	00 00		00 .			
000060	00 00	Cancel	00 .			
000070	00 00	Basalast	78			
000080	77 00	Keselect	4D v	۷.		_
000090	17 3A 00 00 0F 00 00 4D 10 FE 00 1E	1B36 3A	A6 .			
0000A0	01D4 04 00 4D 2C C7 A7 89 6B 27 1B	5045 3B	31			
0000B0	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00	00			*
					>	14

Step4: After all these operations, just need to put the chip back to car.

7.Management Center



As for the details of update steps, please refer to "3 Up-guide"

7.2 Adapter Update

Step1: Click "Update"---"Software update"

Step2: In "Usual Adapter" list, there are adapters needed to be updated in Odometer Adjustment and Airbag Resetting.

Step3: Mark the box of needed adapter, click "Upgrade" button. It will pop-up a box if the interface need to be converted to upgrade state in upgrading adapter. Please click "Pictures" to check how to convert the switch to upgrade state. Click "OK" to start to upgrade adapter.

Software	Adapter Upgrade	_		
	Usual Adapter NXP Key Adapter	0		
Adapter (NEC Adapter A 9S12 Adapter M 9S12 Adapter M AVR-PIC Adapter M BMW-CAN Adapter 29F Adapter 705 Adapter 711 Adapter	Z60_F Adapter 135080V6 VP A 180D0QW Adap 135080 Adapter 0160/M35160	Upgrade	
			V1.3.110	Exit
	🟠 Homepage 🛛 🔻 B	ack 🗊 R	v1.3.110 emote service	Exit
ip : Convert	To "NXP Adapter" upgrade id	ack 🔊 R	v1.3.1103 emote service the NXP Adapter.	L.1 Exit Directions
ip : Convert	To "NXP Adapter" upgrade id	ack 🔊 R	v1.3.1103 emote service the NXP Adapter.	Directions
ip : Convert 7.3 Key F	Homepage 5 B to "NXP Adapter" upgrade ic Register	back Se R	the NXP Adapter.	Directions
ip : Convert 2 .3 Key F ownload ar	Homepage F B to "NXP Adapter" upgrade ic Register d update your YH key List.	back SR	the NXP Adapter.	Directions

As for more operation details, please refer to "Demo"---"IMMO"----"Key Binding System"----"Key Binding".

YH KEY Register Tip: Connecting server(sale.autoemaster.com) Connect server(sale.autoemaster.com) succeed	Verify Code:	<mark>с _КАО</mark> See clearly	
Release ver: 1.5.1012.4	Nd	step Exit	

7.4 Reading Key List

Reading the key ID bound to your device.

👗 Digimaster III	Instruction: 🀬 E	leck		
1 Update	Key Register	Key List	YH Key Information	

It will prompt you upgrade before reading key list, the steps are the same as the software upgrade. If you have done software update in recent days, please click "No" to skip this step.

) -)	Re	Upd YH KEY Register Upd Tp: Connecting server(sale.autoemaster.com) Connect server(sale.autoemaster.com) succeed Aut											- Ver	ify (iode:		B T See (F	9		2	
	Input	t Pan	el	_	_	_	_	_	_	_	_			×	X							
	•	1	2	3	4	5	6	7	8	9	0		= [(5)						_ [2
4	Tab	q	w	e	r	t	у	u	i	0	p	1	Q		Nex	t step		Ð	dt			
	Caps Lock	a	s	d	f	g	h	j	k	I.	;		retur	n						_		
	Shift	z	×	с	۷	b	n	m	1			4	F	g.p	e se	ervi	ce	?	Di	rec	tion	S
								1	4		3											

index	Key ID	VIN	
	AD893056390B6657		
2	000000001B4E7B85		
1	AD893056390B294D		
		-	
			N
			5
	ev Information	Close	
YH K	Xey Information infor, such as YH Key ID, use	condition, etc.	
YH K J some	Cey Information infor, such as YH Key ID, use aster III Instruction: 5 Bac	Close	
YH K d some Digim	Cey Information	Close	
YH K d some Digim	Cey Information	Close	
YH K d some Digim	Cey Information	Close	<u>on</u>
YH K d some Digim	Cey Information infor, such as YH Key ID, use aster III Instruction: 5 Bac odate & Key Register	condition, etc.	on
YH K d some Digim	Cey Information infor, such as YH Key ID, use aster III Instruction: Second date Key Register	Close	on
YH K d some Digim Up Recha	Cey Information infor, such as YH Key ID, use aster III Instruction: Sec date Key Register	condition, etc.	on
YH K d some Digim Up Recha	Cey Information infor, such as YH Key ID, use aster III Instruction: Second date Key Register rge & Account Center: thorise Account Center:	Close	on
YH K d some Digim Up Recha	Xey Information infor, such as YH Key ID, use aster III Instruction: odate Key Register odate Key Register rge & Accourt rever: thorise Payment	Close condition, etc. Key List Key List Module price Remati	on
YH K d some Digim L Up Recha	Cey Information infor, such as YH Key ID, use aster III Instruction: Second date Second Key Register rge & Account Second thorise Payment	Close Condition, etc. Key List Key List Module price Remain	on
YH K d some Digim Up Recha	Cey Information infor, such as YH Key ID, use aster III Instruction: Second odate Key Register rge & Account rever: thorise Payment (Center:	Close condition, etc. Key List Key List Module price Remati	on
YH K d some Digim Recha	Cey Information infor, such as YH Key ID, use aster III Instruction: aster III Instruction: Bac odate infor, Key Register rge & Account texter: thorise Payment Center:	Close Condition, etc. Key List Key List Module price Remain	on

Insert the key to adapter as figure and click " Next", a dialog box will pop up to show you the key infor.

1	
👗 Benz: 🏷 Back	
	Key Information
Next	Key Information
PE	Key State: Not used
	Key ID: AD893056390B3610
- Arm-mys	Register State: Not Registered
Der The law as forms and the same be	
reneral and and an eligent	
	× Close
🟠 Home	epage 🛛 🤻 Back 💈 Remote service 🕜 Directions
	Benz key information
A BMW: Seck	
Novit	Key Information
10 Ave	Key Information
R	Key ID: 00000035467B85
	Register Strue That Registered
	× Close
🟠 Home	epage 🔰 Back 😰 Remote service 🕜 Directions

BMW key information

7.6 Authorise

You can buy certain function model to use permanently through authorise card.



Step1: Click "Authorise" and enter validate code, and click "Next" to go on.



Step2: Enter the authorise card number and password which sellers sent you, then click "Next" to complete the authorise.

Up	d Tip:		
L	Device remain point: 350	ID: a507058517864	
	Device check ok	Password: ****	
Recha	Device register check	X	
Au	Device register OK		
3	Start downloading device file		
	Downloading device file(1/1)		
Help (Device file update ok		
Up	Release ver: 15 1012.4	Next Step Exit	
	Release ver. 1.5.1012.4		

7.7 Module Price List

List the authorise module you bought. You also can buy authorise module in this list by yourself.



Step1: It will prompt you upgrade before reading module price list, the steps are the same as the software upgrade. If you have done software update in recent days, please click "No" to skip this step.



Step2: The module price list will show as follows. You can see the amount of authorise module you chose and the remain tokens in the lower-left corner. If you just want to see what it looks like when you chose the authorise module, please "Back" to exit.

		Connecting server(sale.autoemaster.com) Connect server(sale.autoemaster.com) succeed								· V	Verify Code: n YZ s myzs See clearly				s ty			
	Aut																	3
npul	Pan	el			_								x					•
npu	Pan 1	2	3	4	5	6	7	8	9	0	•	=	BS				.0	
npu ` Tab	Pan 1 q	el 2 w	3 e	4 r	5 t	6 y	7 u	8 i	9 0	0 p	- [=	BS \	Next	step		.9	
Tab caps	Pan 1 q a	2 W s	3 e d	4 r f	5 t g	6 y h	7 u j	8 i k	9 0 1	0 p ;	- [=] ret	BS \	Next	step		.9	

Step3: If you want to buy the authorise module, please mark in the box and click "purchase now". A dialog box will pop up and show the module list you chose, then click "Next" to go on.

Shopping cart		_	_	_	
Module Decription		Module ID	Point	AuthState	
- All Grouping Modules		0000	791339	UnAuth	100
s 🖂 test1		0001	200	UnAuth	
- Masladi		0638	10	UnAuth	13
- FORD TRANSIT 93C76		0699	30	UnAuth	
- Mitsubishi Outlander C5	56	06A3	30	Unauth	
- OPEL VAUXHALL ANTA	NRA C86 C86	06D8	30	UnAuth	
- Nisan MURANO C66		06DA	30	UnAuth	
- Nisan SKYLINE R35 C6	6	0608	30	Unauth	
- Q7		06EC	20	UnAuth	
- 908AZ60A(1L02M)		06F0	10	UnAuth	
IC_AIRBAG-FREE		OFF5	10	UnAuth	
	8 series (Volvo V70 98-99, Volv	0001	9	UnAuth	
	8 series (Volvo S80 before year	0002	9	UnAuth	
	8 series (Volvo V60/V70 2002 /	0003	9	UnAuth	_
	8 Series**	0004	9	UnAuth	1991
Authorized Modules:0,A tota	l of 449		\square	\square	
Selected Modules:0	WithHolding tokens:0		Buy Now	Save E	Back
Remaining tokens: 1054	Tokens after deducting: 1	.054			

Step4: System will connect server automatically. Enter validate code and click "Next", you will buy the module successfully.

7.8 Remote Assistance

Through Internet, our engineer will do remote assistance for your D3 to help you when needed.



Step1: Make sure your D3 has connected to internet.

Step2: Contact with us, we will give you an IP number.

Step3: Click "Ask For Remote Assistance", enter the IP number in the pomp-up box, and "OK".

IP地址设置
请求远程协助
远程控制
启动物助
对编译社: 180,136,156,198
🟠 首页 🛛 🗾 🌮 远程服务 🕜 使用帮助
* /a.
7.0 Shulue Droofy Jing

7.9 Stylus Proofreeding

If there are some location deviation when you touch screen, please use this function to do stylus proofreading.



Appendix

Appendix2 Adapter Introduction

Picture

Product Name

	OBP Adapter	Applicable to EEPROM meter, airbag ECU, audio, ECU which need to be unsoldered.
	ICP Adapter	Applicable to free stitches of 93 series, 25 series, 35080 EEPROM, CPU meter, airbag ECU, audio, ECU, etc.
NEC Adapter	NEC Adapter	Applicable to CPU free switch connecting of NEC series.
See States	35080 V6 Adapter	For 35080 series IC reading and writing
	NEC 14-PIN cable	Use together with NEC Adapter, applicable to CPU free switch connecting of NEC series.
W220/W203 Adapter	W203/W220 Adapter	Applicable to EIS ECU module programming of Mercedes-Benz C/S class electronic chassis W203/W220 Available model: 1.W220 EIS(08AZ60/1J35D)EIS(08AS60/4J74Y) 2.W215 EIS(08AZ60/1J35D)EIS(08AS60/4J74Y) 3.R230 EIS(08AZ60/1J35D)EIS(08AS60/4J74Y) 4.C CLASS W203 EIS(08AZ60/1J35D)
	TMS370 Programmer	Applicable to anti-theft reading for old Jetta, audio decoding for Deco and Opel.

₩ ● Found R ● Found R	MCU Adapter	Applicable to MCU meter of China model. The MCU chip can be 12F629, ATMEGA16L, ATMEGA8L, etc.
	K&CAN Adapter	Applicable to airbag resetting via K-Cable for VW &Audi, CAS module programming for BMW. Applicable to the new BMW: 1.CAS2 X5(E70)9S12DG256; 2.CAS2 1 ser white shell 9S12DG256; 3.CAS2 1 ser black shell 9S12DG256; 4.CAS2 3 ser white shell 9S12DG256; 5.CAS2 3 ser black shell 9S12DG256; 6.CAS2 5 ser white shell 9S12DG256; 7.CAS2 5 ser black shell 9S12DG256; 8.CAS2 6 ser white shell 9S12DG256; 9.CAS2 6 ser white shell 9S12DG256; 10.7 ser (E66)9S12DG256; $11.C^{S3} X^{1}$ (E70)9S12XDP512; 12.CAS3 1 series 9S12XDP512; 13.CAS3 3 series 9S12XDP512; 14.CAS3 5 series 9S12XDP512; 15.CAS3 6 series 9S12XDP512;
	CAN-OBD DMI	Applicable to process of some Audi A6L & A8L.
	VW AUDI OBDII	Applicable to OBD adjustment for VW, Audi, Benz & BMW
	BENZ 38PIN	Applicable to free switch adjustment for Benz S Class (before Year1999)

BENZ OBD	Applicable to free switch adjustment for Benz SLK Class (before Year2000)
BMW E36	Applicable to free switch adjustment for BMW E36
BMW E36 Meter Socket Connecting Cable	Applicative to meter adjustment with socket connect cable for FMW 236
31 NW E38/39	Applicable to meter adjustment with socket connect cable for BMW E38/E39
BENZ 95S	Applicable to meter adjustment with socket connect cable for Benz S Class, Year1995
JAGUAR11DU	Jaguar meter socket connecting cable

CE CLASS	C/E CLASS	Applicable to meter adjustment with socket connect cable for Benz C &E Class, Year2000-2005
	Ford Ranger	Applicable to Ford Ranger.
	9S12 Adapter	Applicable to CAS ECU module programming for BMW 3/5/7 series of e.cl onic chassis E90/E60/E66 (after 2005), and EIS E. C. module programming for Mercedes-Benz C. E/C class of electronic chassis W220/V. 2.1/W 203 (after 2005) Available Model 1.W 220 EIS 912DG128/0K50E (9-112) 2.W 220 EIS 912DG128/0K50E (9-112) 3.W 220 EIS 912DG128/1L85D (9S80) 5.W 215 EIS 912DG128/1L85D (9S80) 5.W 215 EIS 912DG128/1L85D (9S80) 9.W 215 EIS 912DG128/0K50E (9-112) 7.W 215 EIS 912DG128/0K50E (9-112) 8.W 215 EIS 912DG128/0K50E (9-112) 10.R 320 EIS 912DG128/0K50E (9-112) 11.R 320 EIS 912DG128/0K50E (9-112) 11.R 320 EIS 912DG128/0K50E (9-112) 12.R 320 EIS 912DG128/1L85D (9S80) 13.W 211 EIS 912DG128/0K50E (9-112) 14.W 211 EIS 912DG128/0K50E (9-112) 15.W 211 EIS 912DG128/3K91D (9-112) 15.W 211 EIS 912DG128/3K91D (9-112) 16.W 211 EIS 912DG128/3K91D (9-112) 16.W 211 EIS 912DG128/3K91D (9-112) 16.W 211 EIS 912DG128/1L85D (9S80) 17.W 209 EIS 912DG128/1L85D (9S80) 17.W 209 EIS 912DG128/1L85D (9S80) 17.W 209 EIS 912DG128/1L85D (9S80) 21.W 219 EIS 912DG128/0K50E (9-112) 23.W 219 EIS 912DG128/0K50E (9-112) 23.W 219 EIS 912DG128/3K91D (9-112) 24.W 219 EIS 912DG128/0K50E (9-112) 23.W 219 EIS 912DG128/0K50E (9-112) 23.W 219 EIS 912DG128/0K50E (9-112) 24.W 219 EIS 912DG128/0K50E (9-112) 25.OId BMW EWS4 26.CAS1 7 series 912DG128A(3K91D)9-112 27.CAS1 7 series 912DG128(0K50E)9-112 28.CAS2 X5(E70)9S12DG256 29.CAS2 1 ser white shell 9S12DG256

		30.CAS2 1 ser black shell 9S12DG256 31.CAS2 3 ser white shell9S12DG256 32.CAS2 3 ser black shell 9S12DG256 33.CAS2 5 ser white shell 9S12DG256 34.CAS2 5 ser black shell 9S12DG256 35.CAS2 6 ser white shell 9S12DG256 36.CAS2 6 ser black shell 9S12DG256 37.7 series (E66)9S12DG256
	Lexus LS400 Adapter	Applicable to odometer IC(457C) of LexusLS400(1992-1994)
	Grand Cherokee Adapter	Applicable to odon acc. CPU of Grand Cherokee
WZII Adapter	W211 Adapter	pplicable to process of EIS ECU module for Benz E Class W221(2002-2005)
E65/E66 • RUSY Adapter	E65/E66 Adapter	Applicable to process of CAS ECU module for BMW 7 series E65/E66(2002-2004)
CAS BDM Programmer Prowran Prowran Prowran Prowran Prowran Prowran Prowran Prowran Prowran Prowran Programmer	CAS-BDM Programmer	Applicable to process of EIS ECU module for BMW 3/5/7 series E90/E60/E66(after 2005) Available model 1.W220 EIS 9S12DG128/1L85D (9S80) 2.W215 EIS 9S12DG128/1L85D (9S80) 3.R320 EIS 9S12DG128/1L85D (9S80) 4.W211 EIS 9S12DG128/1L85D (9S80) 5.W209 EIS 9S12DG128/1L85D (9S80) 6.W219 EIS 9S12DG128/1L85D (9S80)
BMW CAN Adapter	BMW CAN Adapter	Applicable to process of CAS ECU module (odometer socket)for BMW 3/5/7 series E90/E60/E66(after 2005)

MC7 05-PROG Adapter • Posst	MC705-PROG Adapter	 S Class W140 DAS IMMO ECU 05X32(0D69J) S Class W140 DAS IMMO ECU 05X32(0D53J/0D62J) S Class W220 EIS ignition module 05X32(1D69J) CLK Class W208 EIS ignition module 05X32(1D69J) C Class W202 EIS ignition module 05X32(1D69J) E Class W210 EIS ignition module 05X32(1D69J) E Class W163 AAM 05X32(G47V/1D69J)
MC 711 - PROG Adapter • rowsz	MC711-PROG Adapter	Old BMW EWS2(2D47J,0D46J)/EWS3£ 2D47J,0D46J£©
NEC KEY Adapter • route	NEC KEY	Mercedes Benz C, E, SL, CL, CLK and CLS Class Key
	EWS_K	a djust EWS through K line
MC705E6 适配器	MC705E6	1.MOTOROLA key chip 2.E Class W210 ESL(05E6/G72A) 3.E Class W211 ESL(05E6/0F82B) 4.CLK Class W208 ESL(05E6/G72A) 5.CLK Class W209 ESL(05E6/0F82B) 6.CLS Class W219 ESL(05E6/0F82B) 7.C Class W202 ESL(05E6/0F82B) 8.C Class W203 ESL(05E6/0F82B)
	CAS OBD II	BMW 7 series E65 before 2006
	NXP	7936,7941,7942,7943,7944,7946,7947,7952,7961

interest	IAR key	Benz
	ESL	1.MOTOROLA key chio; 2.E Class W210 ESL(05E6/G72A); 3.E Class W211 ESL(05E6/0F82B); 4.CLK Class W208 ESL(05E6/G72A); 5.CLK Class W209 ESL(05E6/0F82B); 6.CLS Class W219 ESL(05E6/0F82B); 7.C Class W202 ESL(05E6/G72A); 8.C Class W203 ESL(05E6/0F82B);
ØZ9F Serial Adapter ● rowst	29FXX	Old Mercedes Benz DME Chip

Appendix3 Replaced Chip List			
Original Chip	Replaced Ch [*] p	Remark	
93C06	93C4	93C06 cannot replace 93C46Ê	
9314	93C40	9314 cannot replace 93C46Ê	
C46M6	93C46		
DD72	93CS66	DD72 cannot replace 93CS66	
DD82	93CS66	DD82 cannot replace 93CS66	
S220	93CS66	S220 cannot replace 93CS66	
93C56	93C66	93C56 cannot replace 93C66	
C56M6	93CS66	C56M6 cannot replace 93CS66	
CS56	93CS66	CS56 cannot replace 93CS66	
85C72	24C16	85C72 cannot replace 24C16	
85C82	24C16	85C82 cannot replace 24C16	
24C01	24C16	24C01 cannot replace 24C16	
24C02	24C16	24C02 cannot replace 24C16	
24C04	24C16	24C04 cannot replace 24C16	
24C08	24C16	24C08 cannot replace 24C16	
D6253	24C16 or 24C01	D6253 cannot replace 24C16	

D6254	24C16 or 24C01	D6254 cannot replace 24C16
PDH001	X2444P or X24C44	
	X2444D or X24C44	
PDH004	X2444P 01 X24C44	
X24C01	no	X24C01 & 24C01 cannot replaced each other

Appendix4 Chip Dismantling and Soldering

I.Chip Dismantling and Soldering:

1 The choice of iron:

It should be connected with ground safely. When there is no constant temperature soldering iron, the 20W internal heat-type or 25W external heat-type soldering iron can be OK, but ensure that the former should not exceed 25W, and the latter does not exceed 30W.

2 The choice of flux:

Rosin is the best choice. Solder paste will never be allowed to use in soldering. You should change the rosin immediately when it turns to black.

3 The choice of solder wire:

The imported solder wire with low melting point and rosin is the only choice

II.Chip disassembling

1.When unsoldering biserial & straight inserted chip. ou can clean out the soldering tin on the pin by disordering gun or disordering wire, please don't draw hard.

2.When unsoldering patch or chip, me. inc more rosin on the two rows of pins, and heat them up until the chip loose completely, then remove it. Please don't pry hard.

3.Please do not heat the cive you long, or it will be damaged.

4.If there is protection paint on the chip, please heat it up with iron, and scratch gently with a blade or tweezers, then dismantle the chip.

5. How to wipe off the protection paint on the circuit board or IC? Before soldering, please heat the layer of protection paint with iron or hot air to 70-80 degrees Celsius, and then peel gently with a word screwdriver.

III.Chip Soldering

1.Please do not heat the chip too long, or it will be damaged.

2. The iron should be wiped with a damp cloth or soaking sponge to keep it clean ,because it won't be easy to disordering tin in a state of high-temperature oxidation for a long time.

3. The heat conduction should depend on the tin, and it does no good to soldering by the iron head-to-chip hard.

4.Don't move or shake the chip before the soldering solidified.

5.When soldering, you had better first solder the diagonally pins to fasten the chip, and then do other pins.

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