
VVDI PROG User Manual

Version: 4.6.0

VVDI PROG

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1.Document Declaration

Please view the following declaration carefully:

- ◆ VVDI PROG User Manual can help you maintenance vehicles with device. Please DON' T used for illegal purpose, Please follow the national laws
- ◆ VVDI PROG User Manual can help you how to use VVDI PROG software, please view carefully
- ◆ Any illegal use VVDI PROG Device or User Manual,The user should take all risks, the company does not assume any responsibility
- ◆ This User Manual according to V4.6.0, new version software please refer to corresponding version User Manual

2.Safety Precautions

To prevent personal injury or device damage, please read the User Manual carefully before operation and adopt the following safety precautions:

- ◆ Always operate the device under safe condition
- ◆ Ensure work condition with good ventilation, because of the harmful gas generated when soldering
- ◆ Soldering on anti-static & constant temperature solder station
- ◆ Disconnect power supply before soldering
- ◆ Ensure solder station connected to ground
- ◆ Keep the device clean and dry, Do not place in any wet, oily, dusty area

3.Noun explanation

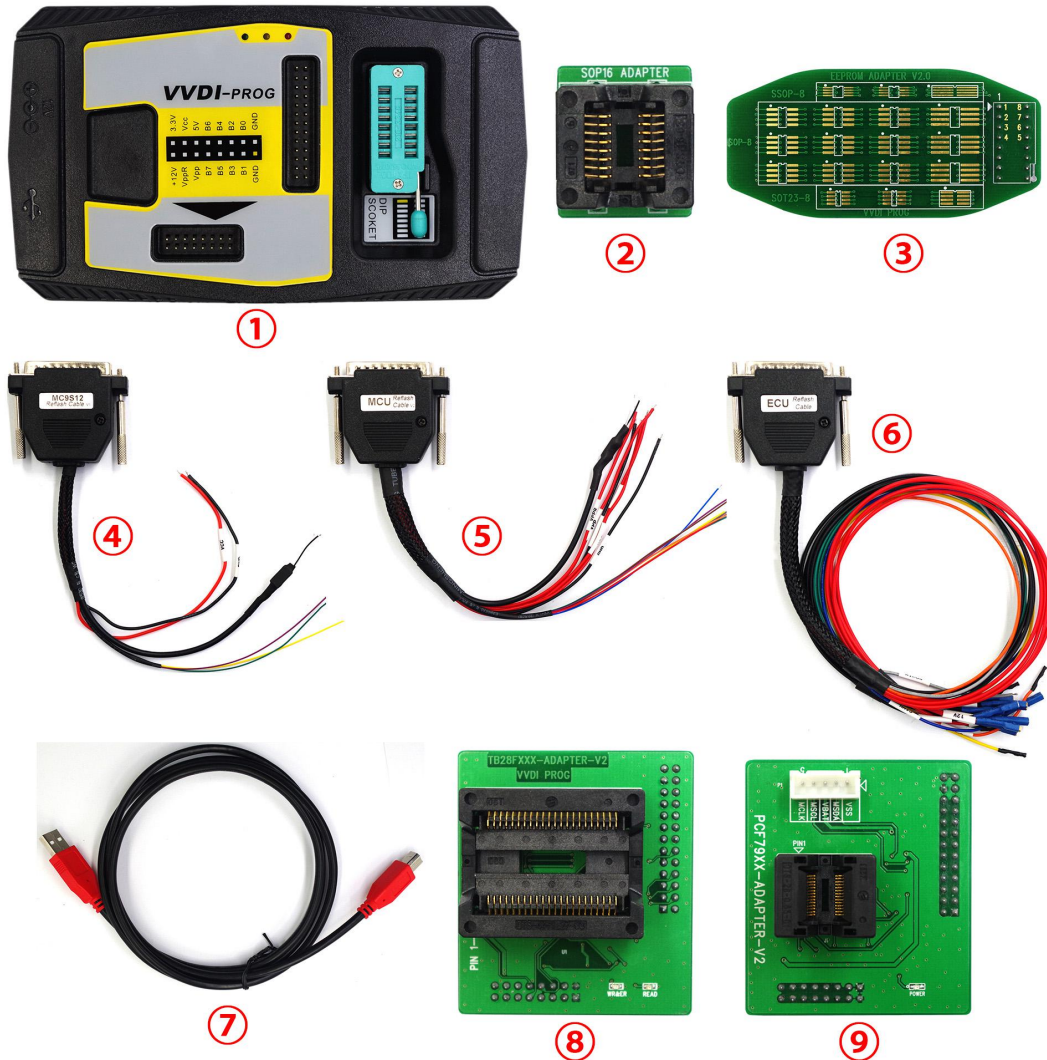
- ◆ EEPROM: Electrically Erasable Programmable Read-Only Memory, usually store the generated data of chip running
- ◆ FLASH: Flash EEPROM Memory, usually store the program of chip
- ◆ D-FLASH: Data Flash, the same function with EEPROM
- ◆ P-FLASH: Program Flash, the same function with FLASH
- ◆ ROM: Read-Only Memory, usually store the program of chip, can not erase or write
- ◆ EEE: Emulated EEPROM, the same function with FLASH
- ◆ POF: Program Once Field, can write data once, can not erase or rewrite

4. Hardware Overview

4.1. Device specification

option	Specification		
Working temperature	-20 ~ 70 °C (- 4 ~ 158 °F)		
Storage temperature	-40 ~ 85 °C (-40 ~ 185 °F)		
USB interface	USB 2.0		
Power adapter	12V / 2A		
Consumption	1W		
Device dimensions	L	W	H
	146 mm	85 mm	28 mm
Package dimensions	L	W	H
	220 mm	155 mm	80 mm
Net weight	180 g		
Gross weight	530 g		

4.2. Device units



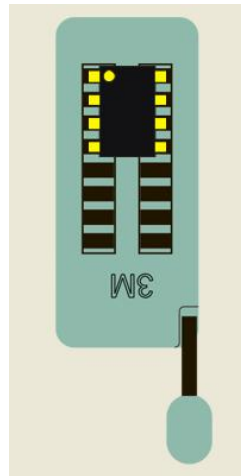
1. VVDI PROG device
2. EEPROM socket
3. EEPROM adapter
4. MC9S12 Reflash Cable V1
5. MCU Reflash Cable V3
6. ECU Reflash Cable
7. USB Type-B Cable
8. TB28FXXX adapter (optional)
9. PCF79XX adapter (optional)
10. M35080/D80 adapter (optional)

4.3. Unit description

1. 16 Pin DIP socket

Function: Read EEPROM chips

Use method: Follow the image direction when insert the DIP chip (PIN1 as yellow point show as the picture); SOP chip need soldering on 16Pin adapter first, then insert the chip follow the image direction



2. MC9S12 Reflash Cable V1

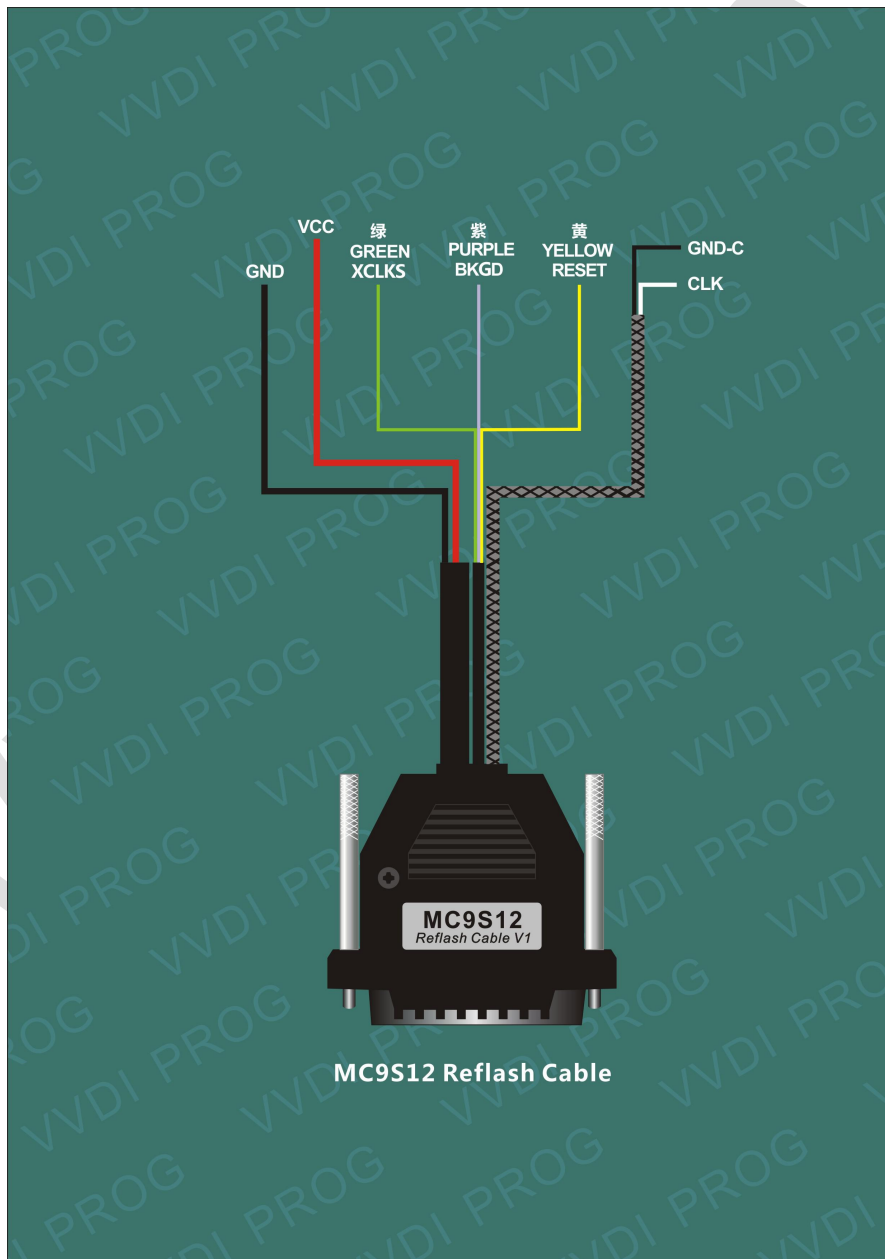
Function: Read & Write MC9S08, MC9S12 series chips, current version is V1

Use method: Soldering the line on pin of chip before read & write

Notes:

(1) Please check all connection lines, ensure correct and reliable connection

(2) Please Don't lengthen CLK and GND-C line, maybe cause read data failed



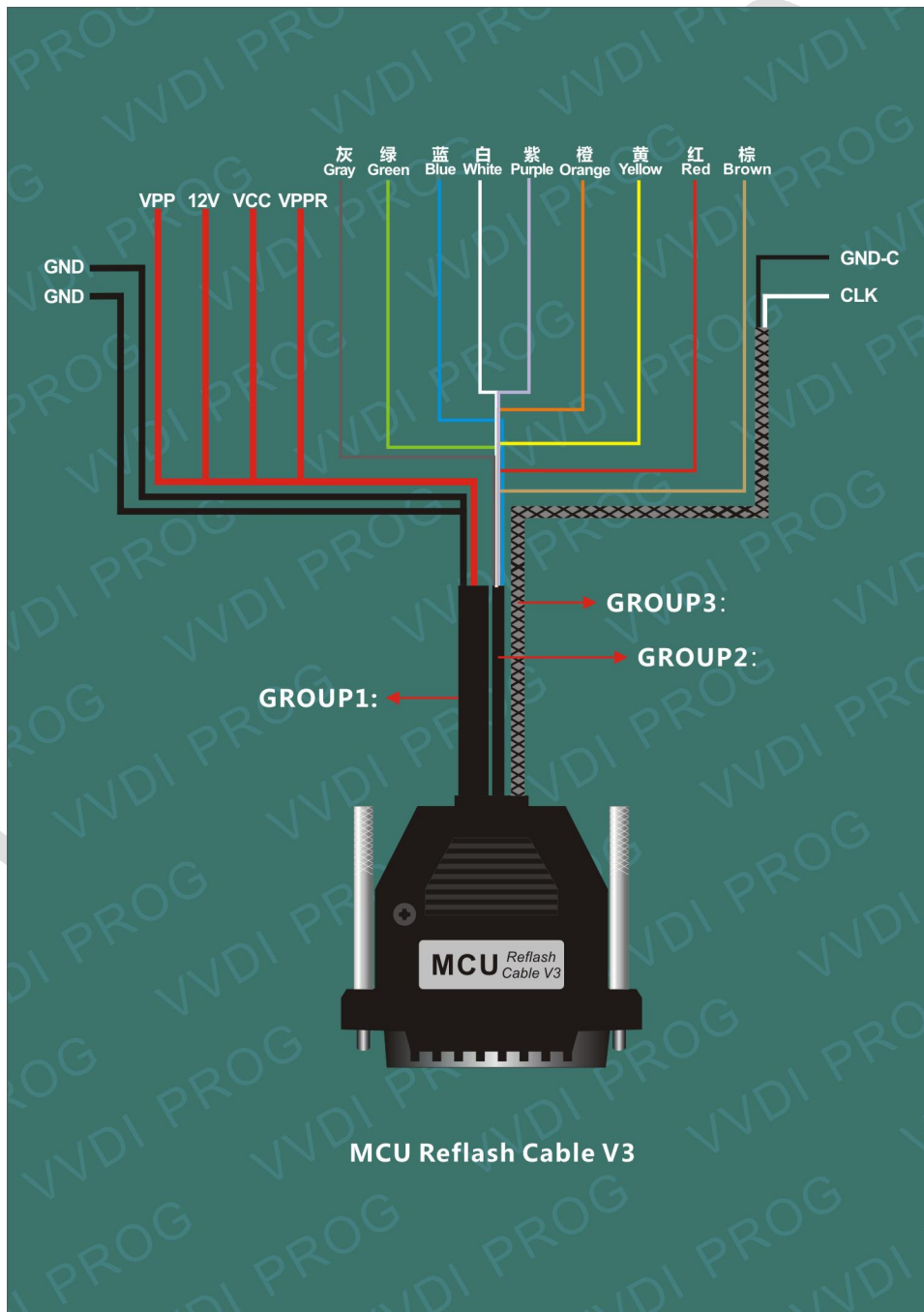
3. MCU Reflash Cable V3

Function: Read & Write MC68HC(9)12, V850, H8X, R5C series chips, current version is V3

Use method: Soldering the line on pin of chip before read & write

Notes:

- (1) Please check all connection lines, ensure correct and reliable connection
- (2) Please Don't lengthen CLK and GND-C line, maybe cause read data failed



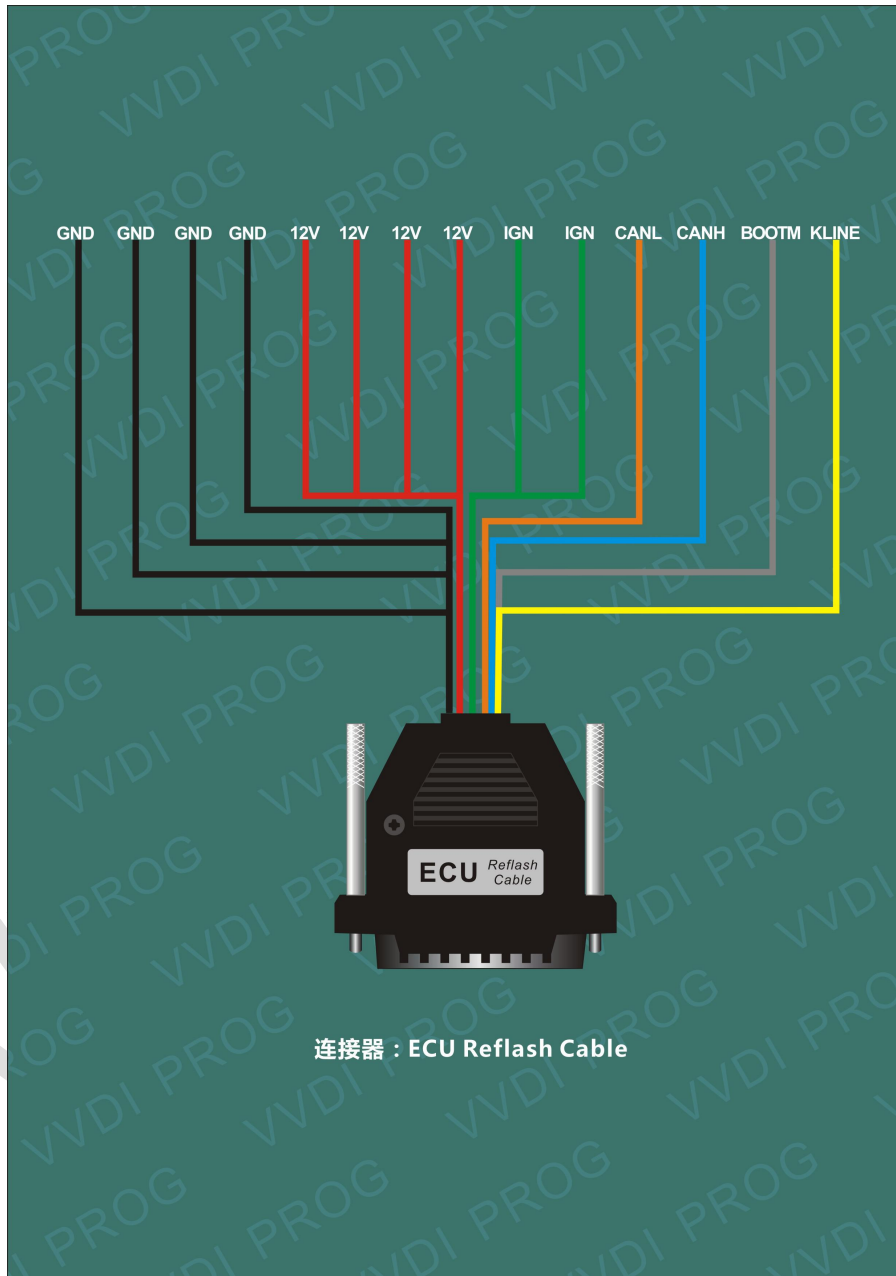
4. ECU Reflash Cable

Function: Read & Write engine ECU

Use method: Connect the ECU and R&W

Notes:

Please check all connection lines, ensure correct and reliable connection

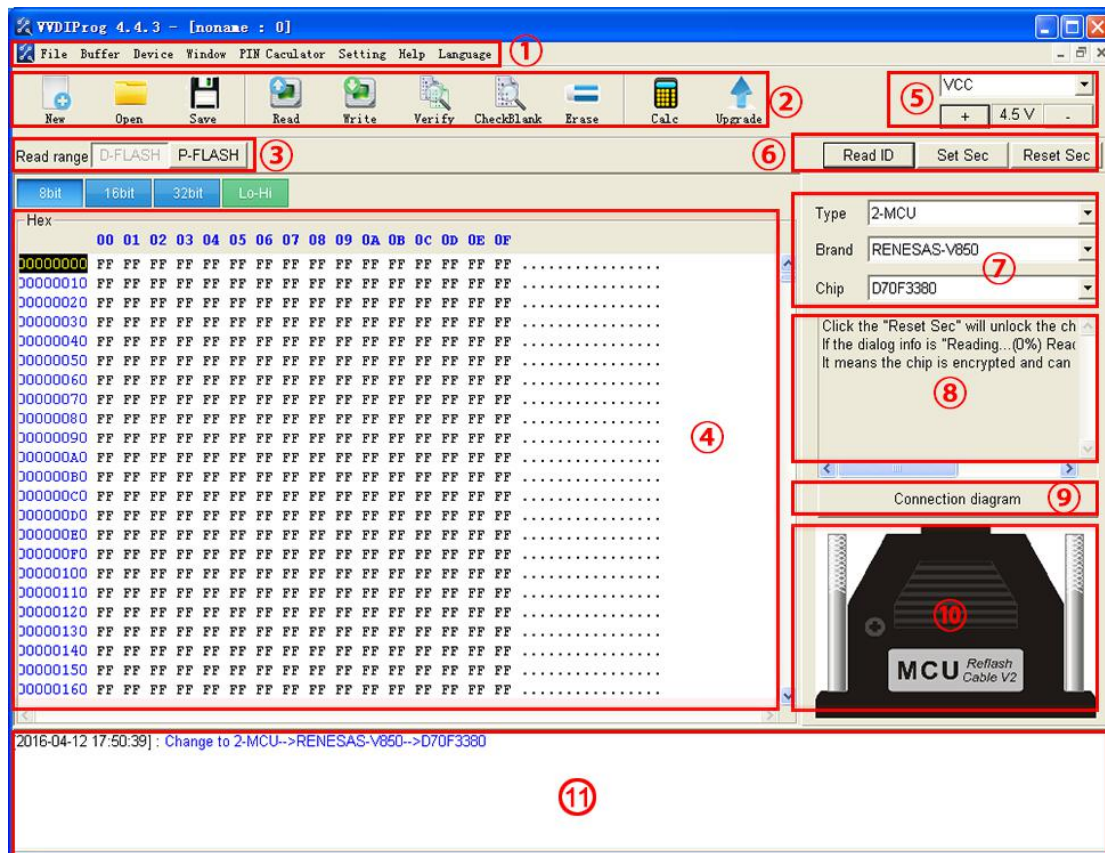


5. Software Overview

5.1. Introduction

- ◆ Support R&W lots of chips, include MC9S08 series, MC68HC(9)12 series, MC9S12 series, V850 series, H8X series, R8C series, PCF79XX series and most eeprom chips etc .
- ◆ Support chip data verify, check blank function
- ◆ Support data file compare function
- ◆ Support R&W BMW N20, N55 ECU (show ISN directly)
- ◆ Stable R&W MC9S12XE series chips (5M48H/1N35H/2M53J/3M25J etc.)
- ◆ Support renew PCF79XX remote, currently support BMW E/F series
- ◆ Lots of connection diagram

5.2. Software interface



1. Operation options
 - File : Load data file
 - Buffer : Support copy, paste, search, fill function
 - Device : Support chip read, write, erase operation
 - Window : Compare two data files
 - Setting : Read&Verify, Write&Verify, Erase&Check Blank configuration
 - Language : Change the language, current support English, Chinese, Polish, Arabic, Czech, Spanish, French, Italian, Portuguese, Russian, Turkish
2. General options
 - Provide General function buttons, simple and easy for operation, include: new, open, save, read, write, verify, check blank, erase, calculator & upgrade
3. Read range
 - Parts of chips include several data areas, for example EEPROM, FLASH and etc. click on the button select read range
4. Data display
 - Display the read data or load data, include hex and ASCII format
5. Power configuration

- Display the status of power (VCC, VPP, 12V), support change the voltage of VCC and VPP (The default voltage usually not need to change)
6. Special function options
Provide chips special function, for example parts of chips have read chip ID, set security, reset security etc .
 7. Chip option
Select right option according to type,brand and chip
 8. Option Information
Display parameter information of current option
 9. Connection diagram button
Click on button, get the connection diagram of current chip
 10. adapter Type
Display needed adapter of current option
 11. Operation Information
Display operation information and saved in “log.bin” file

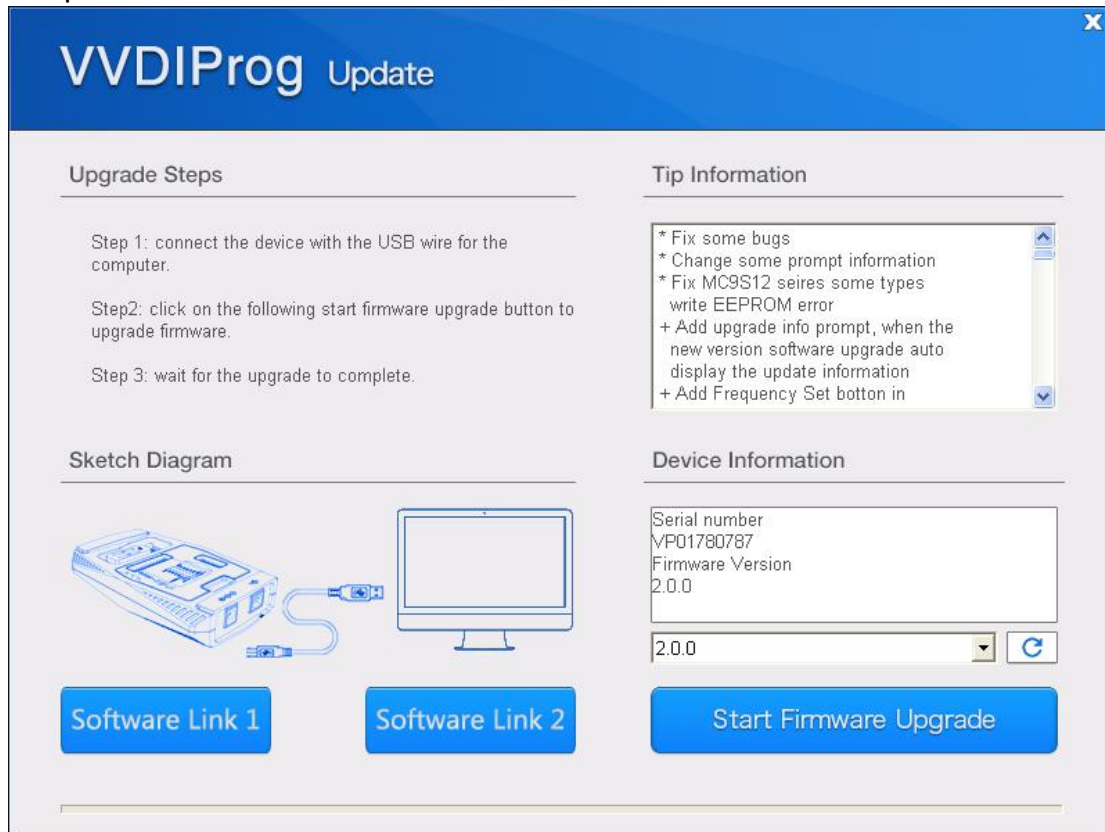
5.3. Driver installing

The driver install software saved in “driver” folder, include 2009 and 2016 version (recommend select 2009 version)



5.4. Online update

- ◆ This function require internet support
- ◆ Click the “Upgrade” button enter the upgrade interface, show as following picture



- ◆ Enter update interface, if software show “communication with server failed”, please close your Anti-virus and computer firewall and retry. If software show “unable to find equipment”, please reconnect device
- ◆ Tip information show the latest software version and upgrade information
- ◆ Device information show the device SN, device firmware version and the latest firmware version
- ◆ Firmware upgrade steps:
 1. Select the firmware version
 2. Click “Start Firmware Upgrade” button
 3. Don’t close or pull out USB cable before upgrade finished
- ◆ Software upgrade steps:
 1. Click “Software Link 1” or “Software Link 2” button, download software from the web
 2. Extract the file

6.Support Type List

6.1. MEMORY

MFRS	TYPE	SUPPORT	REMARK
ATMEL	AT24CXX	☑	
	AT25XXX	☑	
	AT93CX6	☑	
CATALYST	CAT24C/WXX	☑	
	CAT93CX6[A]	☑	
EXEL	XL[S]24CXX	☑	
	XL[S]93CX6	☑	
FAIRCHILD	FM/NM24CXX	☑	
	FM93CSX6	☑	
	NM93CX6	☑	
	NM93CSX6	☑	
INTEL	AB28FXXX	☑	Need TB28FXXX adapter
	PA28FXXX	☑	Need TB28FXXX adapter
	TB28FXXX	☑	Need TB28FXXX adapter
MICROCHIP	24AAXX	☑	
	24[L]CXX	☑	
	93C/LC/AA6A	☑	6pin SOT23/8pin sop package
	93C/LC/AA6B	☑	6pin SOT23/8pin sop package
	93C/LC/AA6C	☑	
mitsubishi	M6M800X1	☑	
ST	D80/D160	☑	Support erase the first 32 bytes
	M24CXX	☑	
	M35080	☑	Need M35080/D80 adapter
	M95XXX	☑	
	M95XXX	☑	
	M93CX6	☑	
	M93SX6	☑	
	ST24C/E/WXX	☑	
	ST25C/EXX	☑	
	ST93CSX6/X7	☑	
ST95P0X	☑		

TOSHIBA	TC8910X	<input checked="" type="checkbox"/>	
XICOR	X24C01	<input checked="" type="checkbox"/>	
	X504X	<input checked="" type="checkbox"/>	

Notes: Already Support, Support Soon



6.2. MCU

MFRS	TYPE	SUPPORT	REMARK
RENESAS V850	D70F3231	<input checked="" type="checkbox"/>	
	D70F3232	<input checked="" type="checkbox"/>	
	D70F3233	<input checked="" type="checkbox"/>	
	D70F3234	<input checked="" type="checkbox"/>	
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	D70F3333	<input checked="" type="checkbox"/>	
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D70F3366	<input checked="" type="checkbox"/>		

Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
RENESAS V850	D70F3367	<input checked="" type="checkbox"/>	
	D70F3368	<input checked="" type="checkbox"/>	
	D70F3370A	<input checked="" type="checkbox"/>	
	D70F3371	<input checked="" type="checkbox"/>	
	D70F3372	<input checked="" type="checkbox"/>	
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	D70F3377A	<input checked="" type="checkbox"/>	
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	D70F3403A	<input checked="" type="checkbox"/>	
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D70F3464	<input checked="" type="checkbox"/>		

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MFRS	TYPE	SUPPORT	REMARK
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MFRS	TYPE	SUPPORT	REMARK
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	D70F3706	<input checked="" type="checkbox"/>	
	D70F3707	<input checked="" type="checkbox"/>	
	D70F3709	<input checked="" type="checkbox"/>	
	D70F3710	<input checked="" type="checkbox"/>	
	D70F3711	<input checked="" type="checkbox"/>	
	D70F3712	<input checked="" type="checkbox"/>	
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MFRS	TYPE	SUPPORT	REMARK
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	D70F3478A	<input checked="" type="checkbox"/>	
	D70F3479A	<input checked="" type="checkbox"/>	
	D70F3931B	<input checked="" type="checkbox"/>	
	D70F3932B	<input checked="" type="checkbox"/>	
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	D70F3935B	<input checked="" type="checkbox"/>	
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	D70F3937B	<input checked="" type="checkbox"/>	
	D70F3938B	<input checked="" type="checkbox"/>	
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	D70F3480A	<input checked="" type="checkbox"/>	
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	D70F3482A	<input checked="" type="checkbox"/>	
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Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
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D70F4002	<input checked="" type="checkbox"/>		

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MFRS	TYPE	SUPPORT	REMARK
RENESAS V850	D70F4003	<input checked="" type="checkbox"/>	
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	D70F4011	<input checked="" type="checkbox"/>	
	D70F4012	<input checked="" type="checkbox"/>	
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Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
RENESAS H8X	R5F61723	<input checked="" type="checkbox"/>	
	R5F61725	<input checked="" type="checkbox"/>	
	R5F61797	<input checked="" type="checkbox"/>	

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VVDI PROG

MFRS	TYPE	SUPPORT	REMARK
RENESAS R8C	R5F21546E	<input checked="" type="checkbox"/>	
	R5F21547E	<input checked="" type="checkbox"/>	
	R5F21548E	<input checked="" type="checkbox"/>	
	R5F2154AE	<input checked="" type="checkbox"/>	
	R5F2154CE	<input checked="" type="checkbox"/>	
	R5F21546F	<input checked="" type="checkbox"/>	
	R5F21547F	<input checked="" type="checkbox"/>	
	R5F21548F	<input checked="" type="checkbox"/>	
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	R5F2154CF	<input checked="" type="checkbox"/>	
	R5F21546G	<input checked="" type="checkbox"/>	
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	R5F21548G	<input checked="" type="checkbox"/>	
	R5F2154AG	<input checked="" type="checkbox"/>	
	R5F2154CG	<input checked="" type="checkbox"/>	
	R5F21546H	<input checked="" type="checkbox"/>	
	R5F21547H	<input checked="" type="checkbox"/>	
	R5F21548H	<input checked="" type="checkbox"/>	
	R5F2154AH	<input checked="" type="checkbox"/>	
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Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
MOTOROLA MC68HC(9) 08	MC68HC08AB16A_EEP	<input checked="" type="checkbox"/>	
	MC68HC08ASxx_EEP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC08ASxxA_EEP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC08AZxx_EEP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC08AZxxA_EEP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908ABxx_EEP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908ASxx_EEP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908ASxxA_EEP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908ASxxA_FLASH	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908AZxx_EEP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908AZxxA_EEP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908AZxxA_FLASH	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908AZxxE_EEP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908AZxxE_FLASH	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908GRxx	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908GTxx	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908GZxx	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC68HC908LJxx	<input checked="" type="checkbox"/>	Support R&W secured chip
MC68HC908LKxx	<input checked="" type="checkbox"/>	Support R&W secured chip	

Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
MOTOROLA MC68HC(9) 12	MC68HC12BC32	<input checked="" type="checkbox"/>	
	MC68HC12BE32	<input checked="" type="checkbox"/>	
	MC68HC912B32	<input checked="" type="checkbox"/>	
	MC68HC912BC32	<input checked="" type="checkbox"/>	
	MC68HC912BD32	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC912D60A	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC912DG128	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC912DG128A	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC912DT128	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC912DT128A	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC912DT128P	<input checked="" type="checkbox"/>	Support R&W secured chip

Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
MOTOROLA MC9S08	MC9S08AC	<input checked="" type="checkbox"/>	
	MC9S08AW	<input checked="" type="checkbox"/>	
	MC9S08DN	<input checked="" type="checkbox"/>	
	MC9S08DV	<input checked="" type="checkbox"/>	
	MC9S08DZ	<input checked="" type="checkbox"/>	
	MC9S08EL	<input checked="" type="checkbox"/>	
	MC9S08FL	<input checked="" type="checkbox"/>	
	MC9S08GB	<input checked="" type="checkbox"/>	
	MC9S08GW	<input checked="" type="checkbox"/>	
	MC9S08GT	<input checked="" type="checkbox"/>	
	MC9S08JE	<input checked="" type="checkbox"/>	
	MC9S08JM	<input checked="" type="checkbox"/>	
	MC9S08JS	<input checked="" type="checkbox"/>	
	MC9S08LC	<input checked="" type="checkbox"/>	
	MC9S08LG	<input checked="" type="checkbox"/>	
	MC9S08LH	<input checked="" type="checkbox"/>	
	MC9S08LL	<input checked="" type="checkbox"/>	
	MC9S08MM	<input checked="" type="checkbox"/>	
	MC9S08MP	<input checked="" type="checkbox"/>	
	MC9S08QA	<input checked="" type="checkbox"/>	
	MC9S08QB	<input checked="" type="checkbox"/>	
	MC9S08QD	<input checked="" type="checkbox"/>	
	MC9S08QE	<input checked="" type="checkbox"/>	
	MC9S08QG	<input checked="" type="checkbox"/>	
	MC9S08RC	<input checked="" type="checkbox"/>	
	MC9S08RD	<input checked="" type="checkbox"/>	
	MC9S08RE	<input checked="" type="checkbox"/>	
	MC9S08RG	<input checked="" type="checkbox"/>	
	MC9S08SC	<input checked="" type="checkbox"/>	
	MC9S08SE	<input checked="" type="checkbox"/>	
	MC9S08SF	<input checked="" type="checkbox"/>	
	MC9S08SG	<input checked="" type="checkbox"/>	
MC9S08SH	<input checked="" type="checkbox"/>		
MC9S08SL	<input checked="" type="checkbox"/>		
MC9S08SU	<input checked="" type="checkbox"/>		
MC9S08SV	<input checked="" type="checkbox"/>		

Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
MOTOROLA MC9S12	MC9S12A	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12B	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12C	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12D	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12DB	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12DG	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12DJ	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12DP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12DT	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12G	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12GA	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12GC	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12GN	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12HA	<input checked="" type="checkbox"/>	
	MC9S12HY	<input checked="" type="checkbox"/>	
	MC9S12HZ	<input checked="" type="checkbox"/>	Support R&W secured chip (3L16Y)
	MC9S12KG	<input checked="" type="checkbox"/>	Support R&W secured chip (2L33V)
	MC9S12KT	<input checked="" type="checkbox"/>	Support R&W secured chip (2L33V)
	MC9S12P	<input checked="" type="checkbox"/>	
	MC9S12XA	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12XB	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12XD	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12XDP	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12XDQ	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12XDT	<input checked="" type="checkbox"/>	Support R&W secured chip
	MC9S12XEA	<input checked="" type="checkbox"/>	Support R&W secured chip, auto detect data size
	MC9S12XEG	<input checked="" type="checkbox"/>	Support R&W secured chip, auto detect data size
	MC9S12XEP	<input checked="" type="checkbox"/>	Support R&W secured chip, auto detect data size
	MC9S12XEQ	<input checked="" type="checkbox"/>	Support R&W secured chip, auto detect data size
	MC9S12XET	<input checked="" type="checkbox"/>	Support R&W secured chip, auto detect data size
	MC9S12XHY	<input checked="" type="checkbox"/>	
	MC9S12XHZ	<input checked="" type="checkbox"/>	Support R&W secured chip
MC9S12XS	<input checked="" type="checkbox"/>		
MC9S12XF	<input checked="" type="checkbox"/>	Support R&W secured chip, auto detect data size	

Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
NXP PCF79XX	PCF7922	<input checked="" type="checkbox"/>	Need PCF79XX adapter
	PCF7941	<input checked="" type="checkbox"/>	Need PCF79XX adapter
	PCF7945	<input checked="" type="checkbox"/>	Need PCF79XX adapter
	PCF7952	<input checked="" type="checkbox"/>	Need PCF79XX adapter
	PCF7953	<input checked="" type="checkbox"/>	Need PCF79XX adapter
	PCF7961	<input checked="" type="checkbox"/>	Need PCF79XX adapter

Notes: Already Support, Support Soon

VVDI PROG

MFRS	TYPE	SUPPORT	REMARK
ST ST10F	ST10F269	<input checked="" type="checkbox"/>	
	ST10F272	<input checked="" type="checkbox"/>	
	ST10F275	<input checked="" type="checkbox"/>	
	ST10F276	<input checked="" type="checkbox"/>	
	ST10F280	<input checked="" type="checkbox"/>	

Notes: Already Support, Support Soon

VVDI PROG

MFRS	TYPE	SUPPORT	REMARK
INFINEON XC2XXX	XC2060M	<input checked="" type="checkbox"/>	
	XC2060N	<input checked="" type="checkbox"/>	
	XC2336A	<input checked="" type="checkbox"/>	
	XC2336B	<input checked="" type="checkbox"/>	
	XC2361A	<input checked="" type="checkbox"/>	
	XC2363A	<input checked="" type="checkbox"/>	
	XC2364A	<input checked="" type="checkbox"/>	
	XC2365A	<input checked="" type="checkbox"/>	
	XC2361B	<input checked="" type="checkbox"/>	
	XC2363B	<input checked="" type="checkbox"/>	
	XC2364B	<input checked="" type="checkbox"/>	
	XC2365B	<input checked="" type="checkbox"/>	

Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
ATMEL ATMEGA XXXX	ATMEGA48xx	<input checked="" type="checkbox"/>	48/48P/48PB
	ATMEGA8	<input checked="" type="checkbox"/>	
	ATMEGA88xx	<input checked="" type="checkbox"/>	88/88P/88PB
	ATMEGA16xx	<input checked="" type="checkbox"/>	16/162/164/164P/168 (P/PB) /169 (P)
	ATMEGA32xx	<input checked="" type="checkbox"/>	32/323/324 (P/PB) /325 (P) /3250 (P) / 328 (P/PB) /329 (P/PB) /3290 (P)
	ATMEGA64xx	<input checked="" type="checkbox"/>	64/644 (P) /645 (P) /6450 (P) /649 (P) /6490 (P)
	ATMEGA103	<input checked="" type="checkbox"/>	
	ATMEGA128x	<input checked="" type="checkbox"/>	128/1280/1281
	ATMEGA256x	<input checked="" type="checkbox"/>	2560/2561

Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
INFINEON	XC164CS-16F	<input checked="" type="checkbox"/>	
XC164CS	XC164CS-32F	<input checked="" type="checkbox"/>	

Notes: Already Support, Support Soon

VVDI PROG

MFRS	TYPE	SUPPORT	REMARK
MICROCHIP PIC18F	PIC18F6520	<input checked="" type="checkbox"/>	
	PIC18F6620	<input checked="" type="checkbox"/>	
	PIC18F6720	<input checked="" type="checkbox"/>	
	PIC18F8520	<input checked="" type="checkbox"/>	
	PIC18F8620	<input checked="" type="checkbox"/>	
	PIC18F8720	<input checked="" type="checkbox"/>	
MICROCHIP PIC12F	PIC12F635	<input checked="" type="checkbox"/>	
	PIC12F683	<input checked="" type="checkbox"/>	
MICROCHIP PIC16F	PIC16F631	<input checked="" type="checkbox"/>	
	PIC16F636	<input checked="" type="checkbox"/>	
	PIC16F639	<input checked="" type="checkbox"/>	
	PIC16F677	<input checked="" type="checkbox"/>	
	PIC16F684	<input checked="" type="checkbox"/>	
	PIC16F685	<input checked="" type="checkbox"/>	
	PIC16F687	<input checked="" type="checkbox"/>	
	PIC16F688	<input checked="" type="checkbox"/>	
	PIC16F689	<input checked="" type="checkbox"/>	
	PIC16F690	<input checked="" type="checkbox"/>	

Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
FUJITSU MB91F	MB91F037	<input checked="" type="checkbox"/>	
	MB91F061	<input checked="" type="checkbox"/>	
	MB91F062	<input checked="" type="checkbox"/>	

Notes: Already Support, Support Soon

VVDI PROG

MFRS	TYPE	SUPPORT	REMARK
INFINEON TRICORE	TC1762-CAN	<input checked="" type="checkbox"/>	R&W via CAN
	TC1766-CAN	<input checked="" type="checkbox"/>	R&W via CAN
	TC1796-CAN	<input checked="" type="checkbox"/>	R&W via CAN

Notes: Already Support, Support Soon

VVDI PROG

MFRS	TYPE	SUPPORT	REMARK
ST STM8	STM8AF5xxx	<input checked="" type="checkbox"/>	
	STM8AF6xxx	<input checked="" type="checkbox"/>	
	STM8AL31xx	<input checked="" type="checkbox"/>	
	STM8AL3Lxx	<input checked="" type="checkbox"/>	
	STM8L051xx	<input checked="" type="checkbox"/>	
	STM8L052xx	<input checked="" type="checkbox"/>	
	STM8L101xx	<input checked="" type="checkbox"/>	
	STM8L151xx	<input checked="" type="checkbox"/>	
	STM8L152xx	<input checked="" type="checkbox"/>	
	STM8L162xx	<input checked="" type="checkbox"/>	
	STM8S003xx	<input checked="" type="checkbox"/>	
	STM8S007xx	<input checked="" type="checkbox"/>	
	STM8S103xx	<input checked="" type="checkbox"/>	
	STM8S105xx	<input checked="" type="checkbox"/>	
	STM8S207xx	<input checked="" type="checkbox"/>	
	STM8S208xx	<input checked="" type="checkbox"/>	
	STM8S903xx	<input checked="" type="checkbox"/>	

Notes: Already Support, Support Soon

MFRS	TYPE	SUPPORT	REMARK
MOTOROLA MPC560X	MPC560XB	<input checked="" type="checkbox"/>	
	MPC560XC	<input checked="" type="checkbox"/>	
	MPC560XD	<input checked="" type="checkbox"/>	
	MPC560XE	<input checked="" type="checkbox"/>	
	MPC560XP	<input checked="" type="checkbox"/>	
	MPC560XS	<input checked="" type="checkbox"/>	

Notes: Already Support, Support Soon

VVDI PROG

MFRS	TYPE	SUPPORT	REMARK
ST SPC560X	SPC560XS	<input checked="" type="checkbox"/>	
	SPC560BXX	<input checked="" type="checkbox"/>	
	SPC560CXX	<input checked="" type="checkbox"/>	
	SPC560DXX	<input checked="" type="checkbox"/>	
	SPC560PXX	<input checked="" type="checkbox"/>	
	SPC56APXX	<input checked="" type="checkbox"/>	

Notes: Already Support, Support Soon

VVDI PROG

MFRS	TYPE	SUPPORT	REMARK
ST	ST72 (F) 321XX	<input checked="" type="checkbox"/>	
ST7	ST72 (F) 521XX	<input checked="" type="checkbox"/>	

Notes: Already Support, Support Soon

VVDI PROG

7.Support Model List

7.1. ECU

MFRS	TYPE	SUPPORT	REMARK
BMW E SERIES	MEVD17 (N55)	<input checked="" type="checkbox"/>	
	MEVD1724 (N20)	<input checked="" type="checkbox"/>	
	MEVD1726 (N55)	<input checked="" type="checkbox"/>	
	MEVD1729 (N20)	<input checked="" type="checkbox"/>	
BMW F SERIES	MEVD172 (N55)	<input checked="" type="checkbox"/>	
	MEVD1724 (N20)	<input checked="" type="checkbox"/>	
	MEVD1725 (N13)	<input checked="" type="checkbox"/>	
	MEVD1726 (N55)	<input checked="" type="checkbox"/>	
	MEVD1728 (N63/S63)	<input checked="" type="checkbox"/>	
	MEVD1729 (N20)	<input checked="" type="checkbox"/>	
	MEVD172G (N55)	<input checked="" type="checkbox"/>	
	MEVD172P (N20)	<input checked="" type="checkbox"/>	
MEVD172S (N55)	<input checked="" type="checkbox"/>		
BOMBARDIER	QUADROCYCLE (2011)	<input checked="" type="checkbox"/>	
CHANGAN	BENBEN MT20UED	<input checked="" type="checkbox"/>	
DELPHI	ME20U2-XET256	<input checked="" type="checkbox"/>	
	ME20U2-XET512	<input checked="" type="checkbox"/>	
	MT20U2-MC912DT128P	<input checked="" type="checkbox"/>	
	MT20U2-2L33V	<input checked="" type="checkbox"/>	
	MT20UED	<input checked="" type="checkbox"/>	
	MT22-XEP768	<input checked="" type="checkbox"/>	
	MT60-XEP768	<input checked="" type="checkbox"/>	
	MT60 (TC1766)	<input checked="" type="checkbox"/>	
MT80 (TC1766)	<input checked="" type="checkbox"/>		
KIA	ME17. 9. 11. 1 (TC1762)	<input checked="" type="checkbox"/>	
MAGNET I	I AW-6LP2. 03	<input checked="" type="checkbox"/>	
MARELL I	I AW-6LPA. 01	<input checked="" type="checkbox"/>	
RENAULT	MODUS-XC164CS-32F	<input checked="" type="checkbox"/>	
VOLKSWAGEN	EDC17_CP14 (TC1796)	<input checked="" type="checkbox"/>	
	ME7. 5. 20 (ST10F275)	<input checked="" type="checkbox"/>	
	MED17. 1 (TC1766)	<input checked="" type="checkbox"/>	

	MED17. 5 (TC1766)	<input checked="" type="checkbox"/>	
	MED17. 5. 20 (TC1766)	<input checked="" type="checkbox"/>	
OTHER	XP8000E-XET256	<input checked="" type="checkbox"/>	
BOSCH	ME7. 9. 7. 1	<input checked="" type="checkbox"/>	

VVDI PROG

7.2. IMMOBILIZER

MFRS	TYPE	SUPPORT	REMARK
AUDI	BCM2	<input checked="" type="checkbox"/>	(D703379/F3381/3634)
	A4L-BCM	<input checked="" type="checkbox"/>	(1L15Y)
	J518 (--2010)	<input checked="" type="checkbox"/>	(1L59W/3L40K)
	J518 (2010--)	<input checked="" type="checkbox"/>	(0L01Y)
	KESY (2008--)	<input checked="" type="checkbox"/>	
BENZ	EIS-W203	<input checked="" type="checkbox"/>	(HC08)
	EIS-W220	<input checked="" type="checkbox"/>	(HC08)
	EIS-W639	<input checked="" type="checkbox"/>	(HC08)
	EIZ-W203	<input checked="" type="checkbox"/>	(HC12)
	EIZ-W209	<input checked="" type="checkbox"/>	(HC12)
	EIZ-W211	<input checked="" type="checkbox"/>	(HC12)
	EIZ-W219	<input checked="" type="checkbox"/>	(HC12)
	EIZ-W220	<input checked="" type="checkbox"/>	(HC12)
	EIZ-W230	<input checked="" type="checkbox"/>	(HC12)
	EIZ-W164	<input checked="" type="checkbox"/>	(ST12)
	EIZ-W169	<input checked="" type="checkbox"/>	(ST12)
	EIZ-W203	<input checked="" type="checkbox"/>	(ST12)
	EIZ-W209	<input checked="" type="checkbox"/>	(ST12)
	EIZ-W211	<input checked="" type="checkbox"/>	(ST12)
	EIZ-W215	<input checked="" type="checkbox"/>	(ST12)
	EIZ-W219	<input checked="" type="checkbox"/>	(ST12)
	EIZ-W220	<input checked="" type="checkbox"/>	(ST12)
	EIZ-W221	<input checked="" type="checkbox"/>	(ST12)
	EIZ-W230	<input checked="" type="checkbox"/>	(ST12)
	EIZ-W463	<input checked="" type="checkbox"/>	(ST12)
	EIZ Vaneo	<input checked="" type="checkbox"/>	(ST12)
EIZ MAYBACH	<input checked="" type="checkbox"/>	(ST12)	
EIZ SPRINTER (2015--)	<input checked="" type="checkbox"/>	(ST12)	
BMW	EWS4. X	<input checked="" type="checkbox"/>	
	CAS2	<input checked="" type="checkbox"/>	(2K79X/0L01Y)
	CAS3	<input checked="" type="checkbox"/>	(2K79X/0L01Y)
	CAS3+	<input checked="" type="checkbox"/>	(0L15Y/0M23S)
	CAS4	<input checked="" type="checkbox"/>	(1L15Y)
	CAS4	<input checked="" type="checkbox"/>	(5M48H/1N35H)

MFRS	TYPE	SUPPORT	REMARK
CHEVROLET	NEW SAILBCM (2013--)	<input checked="" type="checkbox"/>	
STEC	STEC IMMOBILIZER	<input checked="" type="checkbox"/>	
CHRYSLER	300C	<input checked="" type="checkbox"/>	
	DODGE-JOURNEY-WIN(2010)	<input checked="" type="checkbox"/>	
FIAT	FIAT IMMOBILIZER	<input checked="" type="checkbox"/>	
FORD	BCM-7S7T	<input checked="" type="checkbox"/>	1L15Y
GM	BCM3	<input checked="" type="checkbox"/>	
	KEYLESS-ENTRY-MODULE (2009--)	<input checked="" type="checkbox"/>	
GREATWALL	DELPHI-IMMOBILIZER	<input checked="" type="checkbox"/>	
	H2-BCM	<input checked="" type="checkbox"/>	
	HAVAL-H9-BCM (D70F3632)	<input checked="" type="checkbox"/>	
INFINITI	BCM-XDT384	<input checked="" type="checkbox"/>	
	BCM-XEG384	<input checked="" type="checkbox"/>	
LANDROVER	BCM (2009--)	<input checked="" type="checkbox"/>	
	RANGE ROVER EWS (2004-08)	<input checked="" type="checkbox"/>	
	DISCOVER3-CEM	<input checked="" type="checkbox"/>	
	RANGE ROVER SPORT-CEM	<input checked="" type="checkbox"/>	
LUXGEN	BIG7-ICU (HC908GZ32)	<input checked="" type="checkbox"/>	
JAGUAR	SMARTKEY-OL01Y	<input checked="" type="checkbox"/>	
NISSAN	BCM-XDT384	<input checked="" type="checkbox"/>	
	BCM-XEG384	<input checked="" type="checkbox"/>	
OPEL	ASTRA DG128	<input checked="" type="checkbox"/>	
	ZAFIRA DG128	<input checked="" type="checkbox"/>	
	VECTRA (2004-08)	<input checked="" type="checkbox"/>	
PORSCHE	BCM-1L15Y	<input checked="" type="checkbox"/>	
	BCM-2M25J	<input checked="" type="checkbox"/>	
	BCM-5M48H	<input checked="" type="checkbox"/>	
	BCM-1N35H	<input checked="" type="checkbox"/>	
RENAULT	BCM-XDT384	<input checked="" type="checkbox"/>	
	BCM-XEG384	<input checked="" type="checkbox"/>	
	LAGUNA BCM(2010--)	<input checked="" type="checkbox"/>	
SAICMOTOR	MG7	<input checked="" type="checkbox"/>	
	ROWE750	<input checked="" type="checkbox"/>	
VOLKSWAGEN	BCM-XEQ384	<input checked="" type="checkbox"/>	
	BCM2	<input checked="" type="checkbox"/>	(D703379/F3381/3634)
	KESY (2008--)	<input checked="" type="checkbox"/>	
VOLVO	XC60-REVIEW-MIRROR	<input checked="" type="checkbox"/>	

ZHONGHUA	H530-BCM-V1	<input checked="" type="checkbox"/>	
FAW	BESTURN-B90-BCM	<input checked="" type="checkbox"/>	
	JIEFANG-J6-HCS300	<input checked="" type="checkbox"/>	
	JIEFANG-J6-BCM	<input checked="" type="checkbox"/>	
BUICK	EXCELLE BCM (2013--)	<input checked="" type="checkbox"/>	
	EXCELLE GT BCM (2013--)	<input checked="" type="checkbox"/>	
	EXCELLE (2014)	<input checked="" type="checkbox"/>	
JEEP	GRAND-CHEROKEE-IMMO (0L72A)	<input checked="" type="checkbox"/>	
LEOPAARD	CS10-IMMO	<input checked="" type="checkbox"/>	
YEMA	T70-IMMO	<input checked="" type="checkbox"/>	

7.3. DASHBOARD

MFRS	TYPE	SUPPORT	REMARK
BUICK	EXCELLE (2010)	<input checked="" type="checkbox"/>	
	EXCELLE (2011-12)	<input checked="" type="checkbox"/>	
	EXCELLE (2013-15)	<input checked="" type="checkbox"/>	
	EXCELLEGT	<input checked="" type="checkbox"/>	
	GL8-FIRSTLAND (2007)	<input checked="" type="checkbox"/>	
	LACROSSE (2008)	<input checked="" type="checkbox"/>	
CHANGAN	BENBEN	<input checked="" type="checkbox"/>	
	JINNIUXING	<input checked="" type="checkbox"/>	
	S35	<input checked="" type="checkbox"/>	
	YUEXIANG	<input checked="" type="checkbox"/>	
	ALSVIN-V3 (2012)	<input checked="" type="checkbox"/>	
	CHANGAN-STAR-9	<input checked="" type="checkbox"/>	
	CS35 (2015)	<input checked="" type="checkbox"/>	
	CS35 (2016)	<input checked="" type="checkbox"/>	
	CS75 (2014)	<input checked="" type="checkbox"/>	
	EADO	<input checked="" type="checkbox"/>	
	RUIXING	<input checked="" type="checkbox"/>	
	CX20 (2012)	<input checked="" type="checkbox"/>	
	HONOR	<input checked="" type="checkbox"/>	
	OUZHANG (2017)	<input checked="" type="checkbox"/>	
	RAETON (2013)	<input checked="" type="checkbox"/>	
	XINBAO (MC9S08LG16)	<input checked="" type="checkbox"/>	
CHERY	ARRIZ07	<input checked="" type="checkbox"/>	
	ARRIZ0-M7	<input checked="" type="checkbox"/>	
	E5-3L16Y	<input checked="" type="checkbox"/>	
	NEW QQ	<input checked="" type="checkbox"/>	
CHEVROLET	AVEO	<input checked="" type="checkbox"/>	
	CAPTIVA (2008)	<input checked="" type="checkbox"/>	
	CAPTIVA (2011)	<input checked="" type="checkbox"/>	
	CRUZE (D70F3423)	<input checked="" type="checkbox"/>	
DONGFENG	VENUCIA-D50	<input checked="" type="checkbox"/>	
	VENUCIA R50 (2014)	<input checked="" type="checkbox"/>	
	XIAOKANG (2014)	<input checked="" type="checkbox"/>	
	XIAOKANG (2015)	<input checked="" type="checkbox"/>	
	FENGGUANG (2016)	<input checked="" type="checkbox"/>	

	FXAUTO-LZ	<input checked="" type="checkbox"/>	
FAW	BESTURN-B50	<input checked="" type="checkbox"/>	
	BESTURN-B90 (2014)	<input checked="" type="checkbox"/>	
	BESTURN-X80	<input checked="" type="checkbox"/>	
	BESTURN-X80 (2013)	<input checked="" type="checkbox"/>	
	JIEFANG (3L16Y)	<input checked="" type="checkbox"/>	
	VITA (2008)	<input checked="" type="checkbox"/>	
FORD	DASHBORAD (SPC5604S)	<input checked="" type="checkbox"/>	
	DASHBORAD (SPC5606S)	<input checked="" type="checkbox"/>	
	FIESTA	<input checked="" type="checkbox"/>	
	FIESTA (3L16Y)	<input checked="" type="checkbox"/>	
	FOCUS (2005)	<input checked="" type="checkbox"/>	
	FOCUS (09-10)	<input checked="" type="checkbox"/>	
	FOCUS-C-MAX (2009)	<input checked="" type="checkbox"/>	
	KUGA (3L16Y)	<input checked="" type="checkbox"/>	
	MONDEO (2004-07)	<input checked="" type="checkbox"/>	
	MONDEO CHIA-X (2009)	<input checked="" type="checkbox"/>	
GEELY	S-MAX (2008)	<input checked="" type="checkbox"/>	
	YINGLUN (2012)	<input checked="" type="checkbox"/>	
GREAT WALL	BORUI (2014-)	<input checked="" type="checkbox"/>	
	C30 (2010)	<input checked="" type="checkbox"/>	
HAFEI	H5-1M80F	<input checked="" type="checkbox"/>	
	LOBO (2008)	<input checked="" type="checkbox"/>	
KIA	K5 (2017)	<input checked="" type="checkbox"/>	
TOYOTA	TOYOTA (2014-)	<input checked="" type="checkbox"/>	
HANTENG	X7 (2016)	<input checked="" type="checkbox"/>	
GACMOTOR	TRUMPCHI-GA6 (2015)	<input checked="" type="checkbox"/>	
	TRUMPCHI-GS4	<input checked="" type="checkbox"/>	
BAICMOTOR	SENOVA-D50	<input checked="" type="checkbox"/>	
	SENOVA-D60	<input checked="" type="checkbox"/>	
	SENOVA-D70	<input checked="" type="checkbox"/>	
	B40	<input checked="" type="checkbox"/>	
	E130	<input checked="" type="checkbox"/>	
BORGWARD	BORGWARD (2017)	<input checked="" type="checkbox"/>	
LANDROVER	FREELANDER (2004)	<input checked="" type="checkbox"/>	
LEOPAARD	CS10	<input checked="" type="checkbox"/>	
VOLKSWAGEN	POLO	<input checked="" type="checkbox"/>	

MFRS	TYPE	SUPPORT	REMARK
HAIMA	FAMILY (2011-13)	<input checked="" type="checkbox"/>	
HONDA	HONDA (2014-)	<input checked="" type="checkbox"/>	
JAC	S5	<input checked="" type="checkbox"/>	
JAGUAR	S-SE IRES	<input checked="" type="checkbox"/>	
JINBEI	JINBEI (2015)	<input checked="" type="checkbox"/>	
JMC	LANDWIND-X8	<input checked="" type="checkbox"/>	
LUXGEN	LUXGEN	<input checked="" type="checkbox"/>	
NISSAN	QASHQAI (2011)	<input checked="" type="checkbox"/>	
	QUEST (2006)	<input checked="" type="checkbox"/>	
SAICMOTOR	BAOJUN330	<input checked="" type="checkbox"/>	
	BAOJUN630	<input checked="" type="checkbox"/>	
	BAOJUN630 (2015)	<input checked="" type="checkbox"/>	
	BAOJUN730	<input checked="" type="checkbox"/>	
	BAOJUN730 (2015)	<input checked="" type="checkbox"/>	
	ROEWE550	<input checked="" type="checkbox"/>	
	SAICMAXUS-RV (2014)	<input checked="" type="checkbox"/>	
	SAICMAXUS-RV (2015)	<input checked="" type="checkbox"/>	
	SGMW-HONGGUANG	<input checked="" type="checkbox"/>	
	SGMW-WULINGZHIGUANG	<input checked="" type="checkbox"/>	
	SGMW-RONGGUANG	<input checked="" type="checkbox"/>	
	MG3 (2016)	<input checked="" type="checkbox"/>	
	MG6	<input checked="" type="checkbox"/>	
VOLVO	C70 (2011)	<input checked="" type="checkbox"/>	
	S40 (2006-08)	<input checked="" type="checkbox"/>	
	S40 (2010)	<input checked="" type="checkbox"/>	
	S80 (2009)	<input checked="" type="checkbox"/>	
	XC60 (2012)	<input checked="" type="checkbox"/>	
	XC60 (2014)	<input checked="" type="checkbox"/>	
	XC60-HIGH-EQUIPPED (2014)	<input checked="" type="checkbox"/>	
	XC60 (2016)	<input checked="" type="checkbox"/>	
ZHONGHUA	FSV (2010-)	<input checked="" type="checkbox"/>	
	H330	<input checked="" type="checkbox"/>	
	V5 (2008)	<input checked="" type="checkbox"/>	
ZOTYE	DOMY-X5 (2015)	<input checked="" type="checkbox"/>	
	SR7	<input checked="" type="checkbox"/>	
	T600 (2015)	<input checked="" type="checkbox"/>	
	Z300 (2013)	<input checked="" type="checkbox"/>	

	Z500 (2015)	<input checked="" type="checkbox"/>	
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7.4. REMOTE

MFRS	TYPE	SUPPORT	REMARK
BMW E SERIES	ORIGINAL 315	<input checked="" type="checkbox"/>	Need PCF79XX adapter
	ORIGINAL 868	<input checked="" type="checkbox"/>	Need PCF79XX adapter
	THIRD PARTY	<input checked="" type="checkbox"/>	Need PCF79XX adapter
BMW F SERIES	315 REMOTE	<input checked="" type="checkbox"/>	Need PCF79XX adapter
	433 REMOTE	<input checked="" type="checkbox"/>	Need PCF79XX adapter
	868 REMOTE	<input checked="" type="checkbox"/>	Need PCF79XX adapter

7.5. AIRBAG

MFRS	TYPE	SUPPORT	REMARK
BUICK	EXCELLEGT-SRS	<input checked="" type="checkbox"/>	
	GL8-SRS (2015)	<input checked="" type="checkbox"/>	
CHANGAN	ALSVIN-SRS	<input checked="" type="checkbox"/>	
CHERY	RIICH-M1-SRS	<input checked="" type="checkbox"/>	
CHEVROLET	NEW-SAIL-SRS (2016)	<input checked="" type="checkbox"/>	
FAW	BESTURN-B70-SRS	<input checked="" type="checkbox"/>	
	BESTURN-B70-SRS (D70F3623)	<input checked="" type="checkbox"/>	
FORD	ECOSPORT-SRS	<input checked="" type="checkbox"/>	
	ESCORT-SRS	<input checked="" type="checkbox"/>	
HONDA	ACCORD-SRS (SPC56AP54L3)	<input checked="" type="checkbox"/>	
	CITY-SRS (MPC5604P)	<input checked="" type="checkbox"/>	
LANDROVER	DISCOVERY4-SRS	<input checked="" type="checkbox"/>	
OPEL	MAKKA-SRS (2015)	<input checked="" type="checkbox"/>	
PEUGEOT	2008-SRS	<input checked="" type="checkbox"/>	
SAICMOTOR	LOVA-SRS	<input checked="" type="checkbox"/>	
VOLKSWAGEN	SRS-VW20 (SPC560P50L3)	<input checked="" type="checkbox"/>	
	SRS-VW20LE (SPC560P50L3)	<input checked="" type="checkbox"/>	
	SRS-VW52-V1	<input checked="" type="checkbox"/>	
	SRS-VW52-V2	<input checked="" type="checkbox"/>	

7.6. OTHER

MFRS	TYPE	SUPPORT	REMARK
AUDI	A4L-LEW-MODULE (2013)	<input checked="" type="checkbox"/>	
	A4L-LWR-MODULE (2010)	<input checked="" type="checkbox"/>	
	A6L-C6-AMP	<input checked="" type="checkbox"/>	
	A8L-AMB-MODULE (2011)	<input checked="" type="checkbox"/>	
	ESL-HC08GR16-V1	<input checked="" type="checkbox"/>	
	ESL-HC08GR16-V2	<input checked="" type="checkbox"/>	
BENZ	FC-OPERATION-UNIT-W221	<input checked="" type="checkbox"/>	
	ISM-W221	<input checked="" type="checkbox"/>	
	KG-MODULE-W221	<input checked="" type="checkbox"/>	Two Version
	LU-W221	<input checked="" type="checkbox"/>	
	REAR-SAM-W212	<input checked="" type="checkbox"/>	
	SAM-W221	<input checked="" type="checkbox"/>	
BMW	580-SEAT-MODULE	<input checked="" type="checkbox"/>	
	DKG-MODULE (2008)	<input checked="" type="checkbox"/>	
	FRM-E-SERIES-XEQ384	<input checked="" type="checkbox"/>	
	FRM-F-SERIES-XET512	<input checked="" type="checkbox"/>	
	F-SERIES-SZL-MODULE	<input checked="" type="checkbox"/>	
BUICK	GL8-KG-MODULE	<input checked="" type="checkbox"/>	
CHANGAN	RAETON-HVAC-MODULE (2013)	<input checked="" type="checkbox"/>	
	RAETON-KG-MODULE (2013)	<input checked="" type="checkbox"/>	
CHEVROLET	CRUZE-CD-PLAYER	<input checked="" type="checkbox"/>	
DONGFENG	FENGGUANG580-KG-MODULE	<input checked="" type="checkbox"/>	
FORD	FOCUS-BCM	<input checked="" type="checkbox"/>	
GREATWALL	HVAC-MODULE (2015)	<input checked="" type="checkbox"/>	
	HAVAL-H9-4WD-MODULE	<input checked="" type="checkbox"/>	
HYUNDAI	IX35-ASSY-SMARTKEY-UNIT	<input checked="" type="checkbox"/>	
JEEP	TRUCK-LOCK-MODULE (2014--)	<input checked="" type="checkbox"/>	
LANDROVER	EVOQUE-EPB-MODULE (2013)	<input checked="" type="checkbox"/>	
MAZDA	RUIYI-KG-MODULE (2009)	<input checked="" type="checkbox"/>	
ROVER	RFA	<input checked="" type="checkbox"/>	
VOLKSWAGEN	GOLF6-PDC-MODULE	<input checked="" type="checkbox"/>	
	MAGOTAN-EPB-MODULE (2013)	<input checked="" type="checkbox"/>	
	LEW-MODULE	<input checked="" type="checkbox"/>	
	NEW-JETTA-PDB-MODULE	<input checked="" type="checkbox"/>	
	NEW-SANTANA-PDB-MODULE	<input checked="" type="checkbox"/>	

	PASSAT B6-PBCM	<input checked="" type="checkbox"/>	
LANDROVER	ATCM	<input checked="" type="checkbox"/>	
	RFA-V1	<input checked="" type="checkbox"/>	
	RFA-V2	<input checked="" type="checkbox"/>	
RENAULT	CL103-EPS-XC164CS-32F	<input checked="" type="checkbox"/>	
	CL103-EPS-ST10F269	<input checked="" type="checkbox"/>	
SACHS	CDC-XC164CS-16F	<input checked="" type="checkbox"/>	

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