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*****
***   2019-09-19
***   Require firmware V6.6.5
*****
===== VAG V6.6.6 =====
1. Bugfix for read touareg ECU PIN code(ME7)
2. Improvement for autodetect VAG immobilizer system
3. Bugfix

===== BMW V6.6.6 =====
1. Improvement for CAS4/CAS4+ key learning
2. Bugfix

===== Porsche V6.6.6 =====
1. Bugfix

===== PSA V6.6.6 =====
1. Bugfix

===== Transponder Programmer V6.6.6 =====
1. Special transponder: Bugfix for Buick excelle XT 4D 80Bit
2. Special transponder: Bugfix for Buick excelle 4D 80Bit
3. Immobilizer data tool: Asia->Nissan->Cima 93C46 4D
4. Bugfix

===== Copy 48 (96 bits) V6.6.6 =====
1. Bugfix

===== J2534 V6.6.6 =====
1. Bugfix

===== Online Udate Tool V6.6.6 =====
1. Bugfix

===== Quick Start V6.6.6 =====
1. Bugfix

*****
***   2019-08-29
***   Require firmware V6.6.5
*****
===== VAG V6.6.5 =====
1. Improvement for autodetect VAG immobilizer system
2. Bugfix

===== BMW V6.6.5 =====
1. Improvement for CAS4/CAS4+ via OBDII
   1). Support unlock CAS4 directly, no need update CAS4 flash
   2). Improvement for key learning
2. Bugfix

===== Porsche V6.6.5 =====
1. Bugfix

===== PSA V6.6.5 =====
1. Bugfix

===== Transponder Programmer V6.6.5 =====

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1. Bugfix for generate and copy Toyota H chip with VVDI super chip
2. Immobilizer data tool: Asia->Nissan->Note 2004 95080 bugfix
3. Bugfix

===== Copy 48 (96 bits) V6.6.5 =====

1. Bugfix

===== J2534 V6.6.5 =====

1. Bugfix

===== Online Udate Tool V6.6.5 =====

1. Bugfix

===== Quick Start V6.6.5 =====

1. Bugfix

*** 2019-08-20

*** Require firmware V6.6.1

===== VAG V6.6.1 =====

1. Improvement for autodetect VAG immobilizer system
2. Bugfix

===== BMW V6.6.1 =====

1. Support CAS4/CAS4+(XEP100 series, 5M48H/1N35H) type with OBDII
 - 1). Support all CAS4/CAS4+ encrypt version with 5M48H/1N35H chip
 - 2). Support prepare dealer key with OBD (We suggest use ignition switch prepare key)
 - 3). Support reset mileage in CAS4 module
2. Bugfix

===== Porsche V6.6.1 =====

1. Bugfix

===== PSA V6.6.1 =====

1. Bugfix

===== Transponder Programmer V6.6.1 =====

1. Immobilizer data tool: Support copy start, no need write EEPROM back
 - 1). Support 98% types: 11, 12, 13, PCF7935, PCF7936, 48, 4C, 4D, 4E, 4D DST+, 8C, 8E etc.
 - 2). Require use VVDI super chip and select an used key position
 - 3). The new key can start car directly without write back EEPROM
2. Improvement for copy 46 and copy 4D
3. Immobilizer data tool: Asia->Mazda->MPV 24C02 2005 - 8C
4. Immobilizer data tool: Asia->Mitsubishi->Grandis - 24C02 show PIN CODE
5. Immobilizer data tool: Asia->Ssangyong->>Action Diesel 9S12 - 2011
6. Immobilizer data tool: Asia->KIA->Sportage 2008 - MPCxx
7. Immobilizer data tool: Asia->Hyundai->I30 2012 - STM
8. Immobilizer data tool: Asia->Brilliance->M2 - 93C66
9. Immobilizer data tool: Europe->VW->Santana 93C56 bugfix
10. Immobilizer data tool: Europe->Peugeot->Peugeot 607 2001
11. Immobilizer data tool: Europe->Opel->Mokka 2008 - 24C16
12. Immobilizer data tool: Europe->Volvo->S60 2010 - NEC
13. Immobilizer data tool: Europe->Renault->Master 2013 - NEC
14. Immobilizer data tool: Europe->VW->Passat VDO 1997 - 93C66
15. Immobilizer data tool: American->Ford->Transit 2017 - NEC

16. Bugfix

===== Copy 48 (96 bits) V6.6.1 =====

1. Bugfix

===== J2534 V6.6.1 =====

1. Bugfix

===== Online Udate Tool V6.6.1 =====

1. Bugfix

===== Quick Start V6.6.1 =====

1. Bugfix

*** 2019-07-18

*** Require firmware V6.6.0

===== VAG V6.6.0 =====

1. Improvement for autodetect VAG immobilizer system

2. Bugfix

===== BMW V6.6.0 =====

1. Improvement for FEM/BDC key learning

2. ECU/CAS ISN: Improvement decode B38/B48 ISN with EEPROM dump

3. Bugfix

===== Porsche V6.6.0 =====

1. Bugfix

===== PSA V6.6.0 =====

1. Bugfix

===== Transponder Programmer V6.6.0 =====

1. Fixbug for make chevrolet epica with VVDI super remote

2. Support copy remote with VVDI super remote

3. Generate Toyota H chip with VVDI super chip no need boint points

4. Special transponder: Add some special transponders(ID70 Kaiyue, ID70 Excelle, ID82G Sabru, ID47 Honda A/G, ID49 USA Ford)

5. Immobilizer data tool: Aisa->Mazda->8C chip bugfix

6. Immobilizer data tool: Europe->Iveco 95640

7. Immobilizer data tool: Europe->Rover 95320 bugfix

8. Immobilizer data tool: Asia->Nissan Micra 93C56 - 2005

9. Immobilizer data tool: Asia->Ssangyong Action 9S12 - 2011

10. Immobilizer data tool: Asia->SAIC Datong V80 95160

11. Immobilizer data tool: Asia->SAIC kaiyue 9S12 - 2013-

12. Immobilizer data tool: America->Ford Cargo 24C64 - 2014-

13. Immobilizer data tool: America->Buick Excelle 9S12 - 2013-

14. Immobilizer data tool: Europe->Fiat Palio 95160 - 2012-

15. Immobilizer data tool: Europe->MAN truck M29W160

16. Bugfix

===== Copy 48 (96 bits) V6.6.0 =====

1. Bugfix

===== J2534 V6.6.0 =====

1. Bugfix

===== Online Upate Tool V6.6.0 =====
1. Bugfix

===== Quick Start V6.6.0 =====
1. Bugfix

*** 2019-04-25
*** Require firmware V6.5.0

!!! VVDI super chip is released, require V6.5.1 software !!!

===== VAG V6.5.1 =====
1. Improvement for Audi A6/Q7(IMM4) adapt Gearbox
2. Bugfix for MQB35xx write immo data
3. Improvement for autodetect VAG immobilizer system
4. Bugfix

===== BMW V6.5.1 =====
1. Improvement for FEM/BDC key learning
2. ECU/CAS ISN: Support load and decode B38/B48 ISN with EEPROM dump
3. KM repair: Support ALL eeprom read by VVDIProg M35080, 35160, 35128
4. Bugfix

===== Porsche V6.5.1 =====
1. Bugfix

===== PSA V6.5.1 =====
1. Bugfix

===== Transponder Programmer V6.5.1 =====
1. Support VVDI super chip, you can change to any type in the list:
11, 12, 13, PCF7935, PCF7936, PCF7937, PCF7938, PCF7939, PCF7946,
48, 4C, 4D, 4D(80), 4E, 8A, 8C, 8E
2. Special transponder: Supprt use VVDI super transponder, it can use
reusable, never lock
3. Copy transponder: Support clone 4D transponder
4. Copy transponder: Support clone 4E transponder
5. Copy transponder: Support clone Ford ID83, Kiv ID70
6. Copy transponder: Support clone Toyota H transponder - Require use
VVDI super chip
7. Copy transponder: Support clone 8C/4C transponder - Require use VVDI
super chip
8. Immobilizer data tool: Euro->Renault->Duster->2010- 95040
9. Immobilizer data tool: Euro->Chevrolet->Silverado->2011 9S08
10. Immobilizer data tool: Asia->Toyota->Corolla->2004 93C66(ID4C)
11. Immobilizer data tool: Asia->SAIC->Roewe 360 95160
12. Bugfix for electronic monitor key
13. Bugfix

===== Copy 48 (96 bits) V6.5.1 =====
1. Bugfix

===== J2534 V6.5.1 =====
1. Bugfix

===== Online Upate Tool V6.5.1 =====

1. Bugfix

===== Quick Start V6.5.1

=====

1. Bugfix

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*****
***   2019-04-23
***   Require firmware V6.5.0
*****
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!!! VVDI super chip is released, require V6.5.0 software !!!

===== VAG V6.5.0

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1. Improvement for Audi A6/Q7(IMM4) adapt Gearbox
2. Bugfix for MQB35xx write immo data
3. Improvement for autodetect VAG immobilizer system
4. Bugfix

===== BMW V6.5.0

=====

1. Improvement for FEM/BDC key learning
2. ECU/CAS ISN: Support load and decode B38/B48 ISN with EEPROM dump
3. KM repair: Support ALL eeprom read by VVDIProg M35080, 35160, 35128
4. Bugfix

===== Porsche V6.5.0

=====

1. Bugfix

===== PSA V6.5.0

=====

1. Bugfix

===== Transponder Programmer V6.5.0

=====

1. Support VVDI super chip, you can change to any type in the list:
11, 12, 13, PCF7935, PCF7936, PCF7937, PCF7938, PCF7939, PCF7946, 48, 4C, 4D, 4D(80), 4E, 8A, 8C, 8E
2. Special transponder: Support use VVDI super transponder, it can use reusable, never lock
3. Copy transponder: Support clone 4D transponder
4. Copy transponder: Support clone 4E transponder
5. Copy transponder: Support clone Ford ID83, Kiv ID70
6. Copy transponder: Support clone Toyota H transponder - Require use VVDI super chip
7. Copy transponder: Support clone 8C/4C transponder - Require use VVDI super chip
8. Immobilizer data tool: Euro->Renault->Duster->2010- 95040
9. Immobilizer data tool: Euro->Chevrolet->Silverado->2011 9S08
10. Immobilizer data tool: Asia->Toyota->Corolla->2004 93C66(ID4C)
11. Immobilizer data tool: Asia->SAIC->Roewe 360 95160
12. Bugfix for electronic monitor key
13. Bugfix

===== Copy 48 (96 bits) V6.5.0

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1. Bugfix

===== J2534 V6.5.0

=====

1. Bugfix

===== Online Update Tool V6.5.0

=====

1. Bugfix

===== Quick Start V6.5.0

=====

1. Bugfix

*** 2018-01-07
*** Require firmware V6.1.0

===== VAG V6.1.0

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1. Improvement for MQB prepare dealer key

- a). Support change MQB key ID(support GEKO online) f-require use VVDI proximity remote
- b). Support save synchronize data when make key with working key
- c). Support make dealer key with immo data and synchronize data while all key lost

2. VW MQB add new type: Dashboard version 0555, 0556

3. Improvement for autodetect VAG immobilizer system

4. Support some NEC24C32 TFT dashboard

5. Bugfix

===== BMW V6.1.0

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1. ECU /CAS ISN: Bugfix for change ISN for F series

2. FEM/BDC make key: Add new version, support car until 2018.11

3. FEM/BDC backup coding: Add new version, support car until 2018.11

4. Bugfix for MSV70 read ECU synchronize code(2 Bytes)

5. Bugfix

===== Porsche V6.1.0

=====

1. Bugfix

===== PSA V6.1.0

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1. Bugfix

===== Transponder Programmer V6.1.0

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1. Support generate MQB proximity remote: require use vvdi proximity remote and download latest remote database

2. Improvement for vvdi special transponder

3. Immobilizer data tool: Euro->BMW->motorcycle add new type

4. Immobilizer data tool: Euro->Iveco->Daily 93C56 bugfix

5. Immobilizer data tool: Asia->Isuzu->SX4 TC1762 bugfix

6. Immobilizer data tool: Asia->SAIC->Roewe750 add new type

7. Bugfix

===== Copy 48 (96 bits) V6.1.0

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1. Bugfix

===== J2534 V6.1.0

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1. Bugfix

===== Online Udate Tool V6.1.0

=====

1. Bugfix

===== Quick Start V6.1.0

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1. Bugfix

*** 2018-10-25
*** Require firmware V6.0.0

===== VAG V6.0.0 =====

1. Improvement for autodetect VAG immobilizer system
2. Bugfix

===== BMW V6.0.0 =====

1. FEM/BDC system add support new verison: BDC 00002419_080_010_010
2. Bugfix

===== Porsche V6.0.0 =====

1. Bugfix

===== PSA V6.0.0 =====

1. Bugfix

===== Transponder Programmer V6.0.0 =====

1. Special Transponder - Support generate Toyota H transponder(128bit):
 - a. Toyota H transponder - Camry, Levin
 - b. Toyota H transponder - Corolla (First in the world!!!)
2. Support autodetect and read TIRIS DST AES(8A) transponder
3. Points System: Bugfix for verify remote bonus points function
4. Immobilizer data tool: TONGZHI immobilizer box support new type
5. Bugfix for copy chip 11 and 12.
6. Bugfix

===== Copy 48 (96 bits) V6.0.0 =====

1. Bugfix

===== J2534 V6.0.0 =====

1. Bugfix

===== Online Udate Tool V6.0.0 =====

1. Bugfix

===== Quick Start V6.0.0 =====

1. Bugfix

*** 2018-09-04

*** Require firmware V5.8.0

===== VAG V5.8.0 =====

1. Bugfix for read PIN/CS from old touareg ECU, manually select type is: MED9.1 single
2. Bugfix for read PIN/CS from old Bentley ECU, manually select type is ME7 slaver
3. Improvement for autodetect VAG immobilizer system
4. Flash VAG firmware(frf, odx, sgo): support flash VAG firmware bigger than 300M, support flash virtual cockpit cluster
5. Bugfix

===== BMW V5.8.0 =====

1. FEM/BDC system add reset ECU lock(Usually used after exchange FEM/BDC)
2. Improvement for FEM/BDC key learning
3. Support read E-Series ECU synchronize code via OBDII: MEV9N46, MEV9N46L, N62_TUE, N62_TUE2, MS450DS0, MSS60, MSV70 etc
4. Bugfix

===== Porsche V5.8.0 =====

1. Bugfix

===== PSA V5.8.0 =====

1. Bugfix

===== Transponder Programmer V5.8.0 =====

1. Improvement for Rover/Jaguar(2015-) MC9S12EXT256/MC9S12EXQ384
2. Bugfix for new wireless remote
3. Immobilizer data tool: Bugfix for Euro->Peugeot->C1 24C04
4. Immobilizer data tool: Add support for Aisa->China Immobilizer box: JIAOTONG/LIANCHUANG/DELPHI/TONGZHI
5. Bugfix

===== Copy 48 (96 bits) V5.8.0 =====

1. Bugfix

===== J2534 V5.8.0 =====

1. Bugfix

===== Online Udate Tool V5.8.0 =====

1. Bugfix

===== Quick Start V5.8.0 =====

1. Bugfix

*** 2018-06-19

*** Require firmware V5.5.0

===== VAG V5.6.0 =====

1. Improvement for autodetect VAG immobilizer system
2. Flash VAG firmware(frf, odx, sgo): support 3 different speed for transfer can message: fast, middle, low
3. Bugfix

===== BMW V5.6.0 =====

1. Bugfix for BMW FEM/BDC backup and restore coding, support ISTAP64.2
2. Bugfix

===== Porsche V5.6.0 =====

1. Bugfix

===== PSA V5.6.0 =====

1. Bugfix

===== Transponder Programmer V5.6.0 =====

1. Bugfix for copy remote
2. Bugfix for make proximity remotes
3. Immobilizer data tool: Euro->Rover->Rover/Jaguar(2015-) MC9S12EXT256/MC9S12EXQ384
 - a. Require load KVM/RFA DFLASH and EEPROM dump file
 - b. Support emergence start when key without battery: Require update BCM DFLASH
 - c. After make new dealer key and write new dump to KVM/RFA module: The new key can start engine directly, remotes and proximity function work, no need adaptation again
 - d. Support erase the lost key

4. Bugfix

===== Copy 48 (96 bits) V5.6.0 =====

1. Bugfix

===== J2534 V5.6.0 =====

1. Bugfix

===== Online Update Tool V5.6.0 =====

1. Bugfix

===== Quick Start V5.6.0 =====

1. Bugfix

*** 2018-05-15

*** Require firmware V5.5.0

===== VAG V5.5.0 =====

1. Add support for 2012-2014 MQB(Continental/VDO) immobilizer and mileage
2012-2014 MQB support dashboard SW:2220, 2210, 2212, 0555, 2180...
2012-2014 MQB support following cars:
 - a. VW Golf7 (2012-2014)
 - b. Skoda Octavia3 (2012-2014)
 - c. Audi A3 (2012-2014)
 - d. Seat Leon (2012-2014)
2. Bugfix for old bentely (2006 kline) key learning
3. Bugfix for flash VAG firmware(frf, odx, sgo)
4. Bugfix

===== BMW V5.5.0 =====

1. Add support for ISTAP63/64 FEM/BDC, support following version:
 - a. FEM 0000155E_016_114_020
 - b. FEM 0000155E_017_110_030
 - c. BDC 00002419_062_010_020
 - d. BDC 00002419_071_010_040
2. Bugfix for CAS4 file make key
3. Bugfix

===== Porsche V5.5.0 =====

1. Bugfix

===== PSA V5.5.0 =====

1. Bugfix

===== Transponder Programmer V5.5.0 =====

1. Add support for make proximity remotes - Prepare various proximity remotes with VVDI universal proximity remote(Require database version above 238)
2. Immobilizer data tool: bugfix for Euro->Fiat->Grand Punto 93C86
3. Immobilizer data tool: bugfix for Asia->Hyundai->Tiburon 2008 29F400
4. Immobilizer data tool: bugfix for Euro->Saab->9-3 1999 68HC05
5. Bugfix

===== Copy 48 (96 bits) V5.5.0 =====

1. Bugfix

===== J2534 V5.5.0 =====

1. Bugfix

===== Online Upate Tool V5.5.0 =====

1. Bugfix

===== Quick Start V5.5.0 =====

1. Bugfix

*** 2018-03-22

*** Require firmware V5.2.5

===== VAG V5.3.0 =====

1. Improvement for prepare MQB dealer key
2. Improvement for MQB keyless GO key learning
3. Improvement for BCM2 dump tool
4. Support write immodata for Audi RB8 type
5. Bgufix for customer request in diagnostic unit
6. Bugfix for MED17/EDC17 online decode PIN/CS
7. Bugfix

===== BMW V5.3.0 =====

1. Improvement for FEM/BDC key learn
1. Bugfix

===== Porsche V5.3.0 =====

1. Support porsche 911,997, boxster 987 keylearn: Menu->Key Learn->Transponder Key - 911,987, Boxster 987, Cayman
2. Bugfix

===== PSA V5.3.0 =====

1. Bugfix

===== Transponder Programmer V5.3.0 =====

1. Immobilizer data tool: bugfix for Asia->Suzuki->SX4->2006 93C56
2. Immobilizer data tool: bugfix for America->Jeep->Laredo->2008 uPD70F
3. Immobilizer data tool: bugfix for Euro->Fiat->Grand Punto->93C86
4. Bugfix

===== Copy 48 (96 bits) V5.3.0 =====

1. Bugfix

===== J2534 V5.3.0 =====

1. Bugfix

===== Online Upate Tool V5.3.0 =====

1. Bugfix

===== Quick Start V5.3.0 =====

1. Bugfix

*** 2018-02-02

*** Require firmware V5.2.5

===== VAG V5.2.5 =====

1. Bugfix for prepare dealer in MQB platform
2. Bugfix

===== BMW V5.2.5 =====
1. Bugfix

===== Porsche V5.2.5 =====
1. Bugfix

===== PSA V5.2.5 =====
1. Bugfix

===== Transponder Programmer V5.2.5 =====
1. Support prepare remote via online
2. Immobilizer data tool: bugfix for Asia->Hyundai->Getz->2007-
(95040,95160)
3. Immobilizer data tool: bugfix for Euro->MAN->TGA->25128(25256)
4. Bugfix

===== Copy 48 (96 bits) V5.2.5 =====
1. Release a new tool for copy 48(96 bits). This tool can run only with
copy 48(96 bits) license.

===== J2534 V5.2.5 =====
1. Bugfix

===== Online Udate Tool V5.2.5 =====
1. Bugfix

===== Quick Start V5.2.5 =====
1. Bugfix

*** 2018-01-23
*** Require firmware V5.2.0

===== VAG V5.2.1 =====
1. Bugfix for access some MQB(Continental/VDO) instrument
2. Improvement for prepare MQB dealer key: Now we support all original
blank key or MQB key made by VVDI
3. Improvement for MQB key learning
4. Improvement for autotect in IMMO4 system
5. Bugfix for spanish language
6. Bugfix

===== BMW V5.2.1 =====
1. Bugfix for spanish language
2. Bugfix

===== Porsche V5.2.1 =====
1. Bugfix for spanish language
2. Bugfix

===== PSA V5.2.1 =====
1. Bugfix for spanish language
2. Bugfix

===== Transponder Programmer V5.2.1 =====
1. Bugfix for spanish language
2. Bugfix

===== J2534 V5.2.1 =====

1. Bugfix for spanish language
2. Bugfix

===== Online Upate Tool V5.2.1 =====

1. Bugfix for spanish language
2. Bugfix

===== Quick Start V5.2.1 =====

1. Bugfix

*** 2018-01-19

*** Require firmware V5.2.0

===== VAG V5.2.0 =====

1. Improvement MQB NEC35xx immobilizer/KM function, support following cars:

- Audi A3/S3 2014+
- Audi Q2
- VW Golf7
- VW Polo (MQB)
- VW Tiguan II
- VW Touran II
- VW crafter 2017+
- VW Passat B8 without virtual cockpit
- Skoda Octavia III 2014.07+
- Skoda Rapid 2015.06+
- Skoda Kodiaq
- Skoda Superb III
- Seat Ibiza/Ateca/Toledo 2015.06+

Attention 1: This type only support cars with cluster Continental/VDO. JCI type and virtual cockpit was not include

Attention 2: Improvement for prepare dealer key: support original blank key and MQB key made by VVDI

Attention 3: MQB Immobilizer function require extra license. Customer who have copy 48 (96 bit) license will get MQB license for free

Attention 4: Improvement for key learn function

Attention 5: Bugfix for access some MQB instrument

2. Improvement for autodetct in IMMO4 system
3. Add spanish language
4. Bugfix

===== BMW V5.2.0 =====

1. Improvement for read ISN from MSx8x ECU, require VVDI2 database file verison V1.0.0
2. Improvement for load MEV17xx EEPROM dump
3. Support change second hand FEM/BDC ISN and make original key working
4. Add spanish language
5. Bugfix

===== Porsche V5.2.0 =====

1. Add spanish language
2. Bugfix

===== PSA V5.2.0 =====

1. Add spanish language
2. Bugfix

===== Transponder Programmer V5.2.0 =====

1. Bugfix for update remote database
2. Bugfix for save points
3. Immobilizer data tool: bugfix for Fiat Ducato 93C56
4. Add spanish language
5. Bugfix

===== J2534 V5.2.0 =====

1. Add spanish language
2. Bugfix

===== Online Upate Tool V5.2.0 =====

1. Add spanish language
2. Bugfix

===== Quick Start V5.2.0 =====

1. Bugfix

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*****
***   2018-01-06
***   Require firmware V5.0.0
*****
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!!! Update V5.0.0 firmware require use "Upgrade Kit", you can find it from VVDI2 Quick Start from V5.0.0 software !!!

===== VAG V5.0.0 =====

1. Add support for MQB NEC35xx immobilizer/KM function, support following cars:

- Audi A3/S3 2014+
- Audi Q2
- VW Golf7
- VW Polo(MQB)
- VW Tiguan II
- VW Touran II
- VW crafter 2017+
- VW Passat B8 without virtual cockpit
- Skoda Octavia III 2014.07+
- Skoda Rapid 2015.06+
- Skoda Kodiaq
- Skoda Superb III
- Seat Ibiza/Ateca/Toledo 2015.06+

Attention 1: This type only support cars with cluster

Continental/VDO. JCI type and virtual cockpit was not includ

Attention 2: MQB Immobilizer function require MQB key made by VVDI2

2. Bugfix

===== BMW V5.0.0 =====

1. Improvement for read ECU ISN
2. Bugfix

===== Porsche V5.0.0 =====

1. Bugfix

===== PSA V5.0.0 =====

1. Bugfix

===== Transponder Programmer V5.0.0 =====

1. Bugfix

===== J2534 V5.0.0 =====

1. Bugfix

===== Online Update Tool V5.0.0 =====

1. Bugfix

===== Quick Start V5.0.0 =====

1. Add "Upgrade Kit"

2. Bugfix

*** 2017-12-28
*** Require firmware V4.8.0

!!!This update no need update firmware

===== BMW V4.9.0 =====

1. FEM/BDC support emergency switch ON: FEM/BDC Key Learn->Emergency switch ON
2. Support read ISN from original key(even key was disabled): FEM/BDC Key Learn->Read ISN from original key
3. FEM/BDC support close/open transport mode: FEM/BDC Key Learn->Exchange FEM/BDC->Close/Open transport mode
4. !!!New Function: ECU/CAS ISN!!! (Menu->Key Learn->ECU/CAS ISN)
Support OBD exchange used or new ECU module, no need open PCB
Support OBD exchange used CAS3+/ISTAP module, no need open PCB
Support exchange used or new ECU module with "ECU dump file"
Support exchange used CAS3+/ISTAP, CAS4(1L15Y, 5M48H) with "CAS dump file"

(1). E-Series

(a). OBD read ECU ISN: MSV80, MSV801, MSD80, MSD81, MSD802, MSD812, MSD851

(b). OBD read/write ECU ISN: ME17N45(N45 Tricore), ME17N46(N46 Tricore)

(c). OBD read/write ECU ISN: MEV17_2(N12 Tricore), MED17_2(N14 Tricore), MV1722(N16 Tricore), MVD1722(N18 Tricore), MEVD174K(N20, Tricore), MEVD176K(N55 Tricore), MVD1727(N18 Mini Tricore), MEVD17KW(Tricore)

(d). OBD Read/write CAS ISN: CAS3+(0L15Y, 0M23S), ISTAP version. Encrypt verison require working key support

(e). Support write new ISN to ECU flash dump file, fix checksum: MSV80, MSV801, MSD80, MSD81, MSD802, MSD812, MSD851

(f). Support write new ISN to ECU eeprom dump file, fix checksum: ME17N45(N45 Tricore), ME17N46(N46 Tricore)

(g). Support write new ISN to ECU eeprom dump file, fix checksum: MEV17_2(N12 Tricore), MED17_2(N14 Tricore), MV1722(N16 Tricore), MVD1722(N18 Tricore), MEVD174K(N20, Tricore), MEVD176K(N55 Tricore), MVD1727(N18 Mini Tricore), MEVD17KW(Tricore)

(h). Support write new ISN to CAS3 eeprom dump file, fix checksum: CAS3+(0L15Y, 0M23S), ISTAP version. Encrypt verison require working key support

(2). F-Series(some F-series ECU don't support read ISN from OBDII)

(a). OBD read/write ECU ISN: MEVD1724 (N20 Tricore), MEVD1725 (N13 Tricore), MEVD172Y(N55 Tricore), X63TU(S63TU, N63TU)

(b). Support write new ISN to CAS4(1L15Y) eeprom dump file, fix checksum: CAS4(1L15Y)

(c). Support write new ISN to CAS4(5M48H) eeprom dump file, fix checksum: CAS4(5M48H). Encrypt version require working key support

(3). Some function in ECU/CAS ISN require download VVDI2 configuration file: Online Update Tool(v4.9.0)->Menu->Software Update and Update Information->Configuration file Update

5. Support read CAS3+(ISTAP) EEPROM from OBDII(This is not full EEPROM, Support make dealer key, DON'T WRITE this file back to CAS)

6. Bugfix

===== Transponder Programmer V4.9.0 =====

1. Support identify MQB(VAG) key
2. Immobilizer data tool: add new for BMW->Motorcycle
3. Immobilizer data tool: bugfix for Subaru->Impreza 1996 68HC05
4. Bugfix for write HITAG EEPROM
5. Bugfix

===== Online Update Tool V4.9.0 =====

1. Add menu for VVDI2 configuration file: Menu->Software Update and Update Information->Configuration file Update
2. Bugfix

*** 2017-12-04

*** Require firmware V4.8.0

===== VAG V4.8.0 =====

1. Improvement for copy 48 (96 bit). All the cluster update to latest V4.8.0 for copy function
2. Improvement for OBD 48 copy. Fixbug for Passat/CC copy function, add support copy CDC32xx type in OBD 48 copy
3. Bugfix for some Q3 dashboard in IMMO4 system
4. Improvement for autodetect in IMMO4 system
5. Bugfix

===== BMW V4.8.0 =====

1. Support display FEM/BDC system frequency
2. Support exchange FEM/BDC function, you can exchange second hand FEM/BDC module
3. FEM/BDC system now support 16 key positions
4. Bugfix

===== Porsche V4.8.0 =====

1. Bugfix

===== PSA V4.8.0 =====

1. Bugfix

===== Transponder Programmer V4.8.1 =====

1. Support the latest remotes version produced after 11.2017
2. HITAG(VAG)(VW/Audi IMMO5 key) type, support write EEPROM file while keys is not locked
3. Immobilizer data tool: bugfix for Renault Duster 2010 95040
4. Add garage door remotes: Menu->Transponder-Chip-Remote->Garage Door
5. Bugfix

===== J2534 V4.8.0 =====
1. Bugfix

===== Online Upate Tool V4.8.0 =====
1. Bugfix

===== Quick Start V4.8.0 =====
1. Bugfix

*** 2017-10-30
*** Require firmware V4.7.8

===== VAG V4.7.8 =====
1. Improvement for copy 48 (96 bit), reduce the server calculation time.
All the custer update to latest V4.7.8 for copy function
2. Bugfix

===== BMW V4.7.8 =====
1. Bugfix

===== Porsche V4.7.8 =====
1. Bugfix

===== PSA V4.7.8 =====
1. Bugfix

===== Transponder Programmer V4.7.8 =====
1. Bugfix

===== J2534 V4.7.8 =====
1. Bugfix

===== Online Upate Tool V4.7.8 =====
1. Bugfix

===== Quick Start V4.7.8 =====
1. Bugfix

*** 2017-10-20
*** Require firmware V4.7.5

===== VAG V4.7.6 =====
1. Improvement for copy 48 (96 bit). All the custer update to latest
V4.7.6 for copy function
About copy 48 function on VVDI2:
(1). Authorize copy 48 function(96 bit) require buy license and a extra
48 emulator
(2). Every success calculate will cost 100 remote points
(3). Copy 48 function now support all the cars with ID48 transponder:
VW, Audi, Skoda, Volvo, Honda, Buick, Cadillac, Fiat, GreatWall, Zhonghua
etc
(4). Copy 48 function no need OBDII connect
2. Improvement for OBDII copy 48
3. Improvement for autodetct in IMMO4 system
4. Bugfix

===== BMW V4.7.5 =====
1. Bugfix

===== Porsche V4.7.5 =====
1. Bugfix

===== PSA V4.7.5 =====
1. Bugfix

===== Transponder Programmer V4.7.5 =====
1. Bugfix

===== J2534 V4.7.5 =====
1. Bugfix

===== Online Upate Tool V4.7.5 =====
1. Fix some update problem
2. Bugfix

===== Quick Start V4.7.5 =====
1. Bugfix

*** 2017-10-16
*** Require firmware V4.7.5

===== VAG V4.7.5 =====
1. Support copy 48 transponder(96 bit, All car with ID48 transponder),
(Menu->Key Learn->Copy 48 transponder(96 bit, All car with ID48
transponder))
About copy 48 function on VVDI2:
(1). Authorize copy 48 function(96 bit) require buy license and a extra
48 emulator
(2). Every success calculate will cost 100 remote points
(3). Copy 48 function now support all the cars with ID48 transponder:
VW, Audi, Skoda, Volvo, Honda, Buick, Cadillac, Fiat, GreatWall, Zhonghua
etc
(4). Copy 48 function no need OBDII connect
2. Bugfix

===== BMW V4.7.5 =====
1. Bugfix

===== Porsche V4.7.5 =====
1. Bugfix

===== PSA V4.7.5 =====
1. Bugfix

===== Transponder Programmer V4.7.5 =====
1. Bugfix

===== J2534 V4.7.5 =====
1. Bugfix

===== Online Upate Tool V4.7.5 =====
1. Fix some update problem

2. Bugfix

===== Quick Start V4.7.5

=====

1. Bugfix

*** 2017-09-29

*** Require firmware V4.7.0

===== VAG V4.7.0

=====

1. Improvement for new NEC+24C64 dashboard after 2014.06, support new VDO dashboard. Now we support following cars:

VW T5 2014.06-2016

VW T6 2015.06-2017

VW Sharan 2014.06-

VW Passat 2014.06-2016

VW Caddy 2014.06-2017

VW Jetta 2014.06-2016

VW Scirocco 2014.06-

VW Tiguan 2014.06-

VW Touran 2014.06-

VW EOS 2014.06-

VW CC 2014.06-2016

VW Golf 2014.06-

VW Amarok 2014.06-

Skoda Yeti 2014.06-

Seat Alhambra 2014.06-

Audi A1 2014.06-

Audi Q3 2014.06-

2. Bugfix

===== BMW V4.7.0

=====

1. Bugfix

===== Porsche V4.7.0

=====

1. Bugfix

===== PSA V4.7.0

=====

1. Bugfix

===== Transponder Programmer V4.7.0

=====

1. Bugfix

===== J2534 V4.7.0

=====

1. Bugfix

===== Online Udate Tool V4.7.0

=====

1. Bugfix

===== Quick Start V4.7.0

=====

1. Bugfix

*** 2017-09-27

*** Require firmware V4.6.0

===== VAG V4.6.0

=====

1. Support the new NEC+24C64 dashboard after 2014.06, support Black/White, color TFT, 3D dashboard, include following cars:

VW T5 2014.06-2016
VW T6 2015.06-2017
VW Sharan 2014.06-
VW Passat 2014.06-2016
VW Caddy 2014.06-2017
VW Jetta 2014.06-2016
VW Scirocco 2014.06-
VW Tiguan 2014.06-
VW Touran 2014.06-
VW EOS 2014.06-
VW CC 2014.06-2016
VW Golf 2014.06-
VW Amarok 2014.06-
Skoda Yeti 2014.06-
Seat Alhambra 2014.06-
Audi A1 2014.06-
Audi Q3 2014.06-

2. Bugfix for BCM2 dump tool

3. Bugfix

===== BMW V4.6.0 =====

1. Improvement for BMW FEM/BDC key learn

2. Support auto backup ECU ISN data, files saved at: My Document->VVDI2->FEM_BDC

3. Bugfix

===== Porsche V4.6.0 =====

1. Bugfix

===== PSA V4.6.0 =====

1. Bugfix

===== Transponder Programmer V4.6.0 =====

1. Bugfix for old wire remotes

2. Add english database, require change VVDI2 register area, contact dealer for help

3. Bugfix

===== J2534 V4.6.0 =====

1. Bugfix

===== Online Udate Tool V4.6.0 =====

1. Bugfix

===== Quick Start V4.6.0 =====

1. Bugfix

*** 2017-09-08
*** Require firmware V4.5.0

===== Note =====

1. All customer should update the software to V4.5.1, use the latest software to synchronize your device

2. Update firmware v4.5.1 require the latest online update tool v4.5.0 version

3. Please download latest install software first then update firmware

===== VAG V4.5.0 =====

1. Bugfix

===== BMW V4.5.0 =====

1. Improvement for BMW FEM/BDC key learn

2. Bugfix

===== Porsche V4.5.0 =====

1. Bugfix

===== PSA V4.5.0 =====

1. Bugfix

===== Transponder Programmer V4.5.1 =====

1. Add online points system(Menu->Points System->Online points system)

2. Bugfix

===== J2534 V4.5.0 =====

1. Bugfix

===== Online Udate Tool V4.5.0 =====

1. Bugfix

===== Quick Start V4.5.0 =====

1. Bugfix

*** 2017-09-07

*** Require firmware V4.5.0

===== Note =====

1. All customer should update the software to V4.5.0, use the latest software to synchronize your device

2. Update firmware v4.5.0 require the latest online update tool v4.5.0 version

3. Please download latest install software first then update firmware

===== VAG V4.5.0 =====

1. Bugfix

===== BMW V4.5.0 =====

1. Improvement for BMW FEM/BDC key learn

2. Bugfix

===== Porsche V4.5.0 =====

1. Bugfix

===== PSA V4.5.0 =====

1. Bugfix

===== Transponder Programmer V4.5.0 =====

1. Bugfix

===== J2534 V4.5.0 =====

1. Bugfix

===== Online Upate Tool V4.5.0 =====
1. Bugfix

===== Quick Start V4.5.0 =====
1. Bugfix

*** 2017-08-18
*** Require firmware V4.3.0

===== VAG V4.3.1 =====
1. Copy 48 function: Support Passat B6/CC with 48 transponder
2. Bugfix

===== BMW V4.3.1 =====
1. Improvement for BMW FEM/BDC key learn
2. Bugfix

===== Porsche V4.3.0 =====
1. Bugfix

===== PSA V4.3.0 =====
1. Bugfix

===== Transponder Programmer V4.3.0 =====
1. Bugfix

===== J2534 V4.3.0 =====
1. Bugfix

===== Online Upate Tool V4.3.0 =====
1. Bugfix

===== Quick Start V4.3.0 =====
1. Bugfix

*** 2017-08-16
*** Require firmware V4.3.0

===== VAG V4.3.0 =====
1. Copy 48 function: Support Passat B6/CC with 48 transponder
2. Bugfix

===== BMW V4.3.0 =====
1. Add BMW FEM/BDC system key learning, erase key
2. Add BMW FEM/BDC system reset KM
3. Add BMW FEM/BDC system backup coding, restore coding
4. Attention: FEM/BDC Key Learn is an option function, it require buy license or exchange with bonus points. Contact your dealer for help!

===== Porsche V4.3.0 =====
1. Bugfix

===== PSA V4.3.0 =====
1. Bugfix

===== Transponder Programmer V4.3.0 =====

1. Bugfix

===== J2534 V4.3.0 =====

1. Bugfix

===== Online Upate Tool V4.3.0 =====

1. Bugfix

===== Quick Start V4.3.0 =====

1. Bugfix

*** 2017-08-10

*** Require firmware V4.2.5

===== VAG V4.2.5 =====

1. Add Polish language support

2. Improvement for flash updating (for frf files)

3. Support decode kessy for Touareg, Bentley, A8, Cayenne, Phaeton after 2008

1). You must read kessy data with VVDI-PROG (version above V4.5.9) (IMMO-VW-Kessy(2008-))

2). Load the file read by VVDI-PROG in vvd2, you will get the PIN code and 7 bytes CS

3. Bugfix for immo5 lost all key with A6, A7, A8, Touareg

4. Support read A6/Q7 latest J518(4F0910852B H08 0210) with 9S12DT256 module

5. Improvement for "Lost all key via OBDII"

6. Bugfix

===== BMW V4.2.5 =====

1. Add Polish language support

===== Porsche V4.2.5 =====

1. Add Polish language support

===== PSA V4.2.5 =====

1. Add Polish language support

===== Transponder Programmer V4.2.5 =====

1. Add Polish language support

2. Support the latest remote type

3. Immobilizer data tool: bugfix for volvo Trucks FH12(93C66)

4. Immobilizer data tool: bugfix Brilliance Zunchi 93C46

5. Immobilizer data tool: bugfix Fiat Marea 93C46

6. Immobilizer data tool: bugfix BMW CAS3+ encrypt type

7. Immobilizer data tool: bugfix Fiat Linea 2007 95160

8. Immobilizer data tool: bugfix Mitsubishi Outlander 2009 24C16

9. Immobilizer data tool: bugfix for suzuki vitara 2006- 93C56

10. Bugfix for input chinese words in feedback window

11. Bugfix

===== J2534 V4.2.5 =====

1. Add Polish language support

===== Online Upate Tool V4.2.5 =====

1. Add Polish language support

===== Quick Start V4.2.5

=====

1. Bugfix

*** 2017-05-12

*** Require firmware V4.2.0

===== Note =====

1. All customer should update the software to V4.2.1, use the latest software to synchronize your device
2. Update firmware v4.2.0 require the latest online update tool v4.2.1 version
3. Please download latest install software first then update firmware

===== VAG V4.2.1 =====

1. New function released: Audi A6L, A7, A8L, Touareg lost all key:
(1). Support ECU with MED17/EDC17 type OR Gearbox with 8 speed CVT type
(2). Require BCM2 data, most of them can read with VVDI2 via OBDII
(3). Require ELV data, you can read with VVDI-PROG
(4). Switch ON ignition with OBDII operation, simple and safe
(5). Collect data from internal-can
(6). Fast calculate speed, only need 1 minute
(7). Free for all customer with immo5 authorize, every success calculate require 100 remote points
2. Bugfix for immo5 keylearn
3. Bugfix for write A4/Q5/A5 KM
4. Bugfix for read pin and CS from ECU (SIMOS PPD1.1/1.5)
5. Bugfix for flash FRF file
6. Bugfix

===== BMW V4.2.1 =====

1. Bugfix

===== Porsche V4.2.1 =====

1. Bugfix

===== PSA V4.2.1 =====

1. Bugfix

===== Transponder Programmer V4.2.1 =====

1. Support Inida Mahindra special transponder ID46: Xylo, Scorpio
2. Immobilizer data tool: add new for Suzuki swift 2012- 93C86
3. Immobilizer data tool: bugfix for Opel IMMO-2 TMS
4. Immobilizer data tool: bugfix for Brilliance Zunchi 93C64
5. Immobilizer data tool: bugfix for Fiat Marea 93C46
6. Copy Transponder support the latest copy transponder(HITAG2)
7. Bugfix

===== J2534 V4.2.0 =====

1. Bugfix

===== Online Upate Tool V4.2.1 =====

1. Update firmware v4.2.0 require the latest online update tool v4.2.1 version
2. Please download latest install software first then update firmware

===== Quick Start V4.2.1 =====

1. Bugfix

*** 2017-05-10

*** Require firmware V4.2.0

===== Note =====

1. Update firmware v4.2.0 require the latest online update tool v4.2.0 version

2. Please download latest install software first then update firmware

===== VAG V4.2.0 =====

1. New function released: Audi A6L, A7, A8L, Touareg lost all key:

(1). Support ECU with MED17/EDC17 type OR Gearbox with 8 speed CVT type

(2). Require BCM2 data, most of them can read with VVDI2 via OBDII

(3). Require ELV data, you can read with VVDI-PROG

(4). Switch ON ignition with OBDII operation, simple and safe

(5). Collect data from internal-can

(6). Fast calculate speed, only need 1 minute

(7). Free for all customer with immo5 authorize, every success calculate require 100 remote points

2. Bugfix for immo5 keylearn

3. Bugfix for write A4/Q5/A5 KM

4. Bugfix for read pin and CS from ECU (SIMOS PPD1.1/1.5)

5. Bugfix for flash FRF file

6. Bugfix

===== BMW V4.2.0 =====

1. Bugfix

===== Porsche V4.2.0 =====

1. Bugfix

===== PSA V4.2.0 =====

1. Bugfix

===== Transponder Programmer V4.2.0 =====

1. Support Inida Mahindra special transponder ID46: Xylo, Scorpio

2. Immobilizer data tool: add new for Suzuki swift 2012- 93C86

3. Immobilizer data tool: bugfix for Opel IMMO-2 TMS

4. Immobilizer data tool: bugfix for Brilliance Zunchi 93C64

5. Immobilizer data tool: bugfix for Fiat Marea 93C46

6. Copy Transponder support the latest copy transponder(HITAG2)

7. Bugfix

===== J2534 V4.2.0 =====

1. Bugfix

===== Online Udate Tool V4.2.0 =====

1. Update firmware v4.2.0 require the latest online update tool v4.2.0 version

2. Please download latest install software first then update firmware

===== Quick Start V4.2.0 =====

1. Bugfix

```

*****
***   2017-03-17
***   Require firmware V4.1.0
*****
===== VAG V4.1.0 =====
1. Add support to read PIN code from santana ECU (Special Function-
>Engine Control Unit)
2. Bugfix for write A4/Q5/A5 KM
3. Bugfix

===== BMW V4.1.0 =====
1. Bugfix for OBD read key information from CAS (9389115): Now we dont
support read this CAS ID via OBDII, will add soon
2. Bugfix

===== Porsche V4.1.0 =====
1. Bugfix

===== PSA V4.1.0 =====
1. Bugfix

===== Transponder Programmer V4.1.0 =====
1. Make Remote: Bugfix for Chevrolet Aveo can't adapt to car after make
remote
2. Bugfix

===== J2534 V4.1.0 =====
1. Bugfix

===== Online Udate Tool V4.1.0 =====
1. Bugfix

===== Quick Start V4.1.0 =====
1. Bugfix

*****
***   2017-03-02
***   Require firmware V4.0.0
*****
===== VAG V4.0.0 =====
1. BCM2 Dump Tool:
    (1). Support data read by VVDI-PROG
    (2). Support generate BCM2 immodata, it can use to make new key,
learn key
    (3). Checksum fix for 95320 EEPROM dump
2. Fixbug for old A6/Q7 J518 read EEPROM bug
3. Bugfix

===== BMW V4.0.0 =====
1. Improvement for read CAS1, CAS2 EEPROM with CAS PLUG
2. Bugfix

===== Porsche V4.0.0 =====
1. Bugfix

===== PSA V4.0.0 =====
1. Bugfix

```

===== Transponder Programmer V4.0.0 =====

1. Immobilizer data tool: Chevrolet Epica 2003 (1K20C) bugfix
2. Immobilizer data tool: VW Beetle 1998-912 bugfix
3. Immobilizer data tool: SaicMotor MG3 add remote start
4. Bugfix

===== J2534 V4.0.0 =====

1. Bugfix

===== Online Udate Tool V4.0.0 =====

1. Bugfix

===== Quick Start V4.0.0 =====

1. Bugfix

*** 2017-02-15

*** Require firmware V3.0.0

===== VAG V3.0.3 =====

1. Add BCM2 dump tool, support change immodata in EEPROM dump. Menu->Special Function->BCM2 Dump Tool
2. Bugfix

===== Transponder Programmer V3.0.3 =====

1. Improvement for copy transponder: Support copy Roewe 750
2. Prepare Remote: show Roewe 750, 360, MG3 learn code
3. Immobilizer data tool: Renault Kangoo 2001 93C46 bugfix
4. Bugfix

*** 2017-01-18

*** Require firmware V3.0.0

===== VAG V3.0.2 =====

1. Adapt unit: Fixbug for adapt Touareg/Phaeton/A8/Cayenne kessy module
2. Copy 48 transponder: Support query the last success result from server
3. Improvement for read MED17/EDC17 via OBDII
4. Improvement for read BCM2 via BDM programmer
5. Language bugfix in english system
6. Bugfix

===== BMW V3.0.2 =====

1. For latest ISTAP CAS:9389115, 9389116, 9395656, 9395657, support add key via OBDII, require update CAS flash
2. Bugfix for information display in file make key when load 2K79X EEPROM dump
3. Language bugfix in english system
4. Bugfix

===== Porsche V3.0.2 =====

1. Language bugfix in english system
2. Bugfix

===== PSA V3.0.2 =====

1. Language bugfix in english system
2. Bugfix

===== Transponder Programmer V3.0.2 =====

1. Language bugfix in english system
2. Improvement for copy transponder: support VVDI 46 transponder
3. Improvement for copy remote: Add remote type, support save/write remote copy data
4. Immobilizer data tool: Suzuki Alto 93C56 bugfix
5. Immobilizer data tool: Improvement for toyota G-Transponder
6. Bugfix

===== J2534 V3.0.2 =====

1. Bugfix

===== Online Udate Tool V3.0.2 =====

1. Language bugfix in english system
2. Bugfix

===== Quick Start V3.0.2 =====

1. Bugfix

*** 2017-01-17

*** Require firmware V3.0.0

===== VAG V3.0.1 =====

1. Adapt unit: Fixbug for adapt Touareg/Phaeton/A8/Cayenne kessy module
2. Copy 48 transponder: Support query the last success result from server
3. Improvement for read MED17/EDC17 via OBDII
4. Improvement for read BCM2 via BDM programmer
5. Language bugfix in english system
6. Bugfix

===== BMW V3.0.0 =====

1. For latest ISTAP CAS:9389115, 9389116, 9395656, 9395657, support add key via OBDII, require update CAS flash
2. Bugfix for information display in file make key when load 2K79X EEPROM dump
3. Language bugfix in english system
4. Bugfix

===== Porsche V3.0.0 =====

1. Language bugfix in english system
2. Bugfix

===== PSA V3.0.0 =====

1. Language bugfix in english system
2. Bugfix

===== Transponder Programmer V3.0.1 =====

1. Language bugfix in english system
2. Improvement for copy transponder: support VVDI 46 transponder
3. Improvement for copy remote: Add remote type, support save/write remote copy data
4. Immobilizer data tool: Suzuki Alto 93C56 bugfix
5. Immobilizer data tool: Improvement for toyota G-Transponder
6. Bugfix

===== J2534 V3.0.0 =====

1. Bugfix

===== Online Upate Tool V3.0.0 =====

1. Language bugfix in english system
2. Bugfix

===== Quick Start V3.0.0 =====

1. Bugfix

*** 2016-12-06

*** Require firmware V2.2.5

===== VAG V1.2.6 =====

1. Support copy 48 transponder, without binding condor(Menu->Key Learn->4th Immobilizer system - Copy 48 Transponder)

About copy 48 function on VVDI2:

(1). Authorize copy 48 function require 1000 remote points, require buy an extra emulator

(2). You can exchange it with "Transponder Programmer -> Menu -> Points System"

(3). Every success calculate will cost 100 remote points

(4). Copy 48 fucntion use in 4th immobilizer system(Dashboard), support type: NEC24C32, NEC24C64, NEC24C64 colordisplay, A1, A3/TT/R8, Q3, New tiguau 5ND920873B, 5ND920883B etc

(5). Copy 48 fucntion can work on the car that which support read PIN and CS via OBDII. Ofcourse, known CS and PIN is supported. Support make new key, support add keyless GO keys, especially support lost all key

(6). For Passat B6/CC only support clone 48 transponder(must have working key), don't support 46 transponder, dont support keyless Go, dont support lost all key

About copy 48 function on VVDI Key Tool:

(1). We will delay copy 48 function on VVDI Key Tool, because many VVDI2 customers are against this. Please wait for further notice

(2). About points on VVDI Key TOOL, you can combine to your VVDI2 device and used in VVDI2

In future, points will have more power function, save as more as you can!

2. Fixbug for old A6/Q7 J518 read EEPROM bug

3. Bugfix

===== BMW V1.2.6 =====

1. Bugfix

===== Porsche V1.2.6 =====

1. Bugfix

===== PSA V2.0.7 =====

1. Bugfix

===== Transponder Programmer V1.2.6 =====

1. Points system: Fixbug for verify sub-remote pcb status

2. Bugfix

*** 2016-11-28

*** Require firmware V2.2.5

===== VAG V1.2.5 =====

1. Support copy 48 transponder(Menu->Key Learn->4th Immobilizer system - Copy 48 Transponder)

(1). Authorize copy 48 function require 1000 remote points, require an extra emulator, every success calculate will cost 100 remote points

(2). You can exchange it with "Transponder Programmer -> Menu -> Points System"

(3). Copy 48 function can work on the car that which support read PIN and CS via OBDII. Ofcourse, known CS and PIN is supported

(4). Support clone key, support make new key, support add keyless GO keys, especially support lost all key. All do via OBDII, DON'T need read EEPROM with programmer

(5). Mainly use type: NEC24C32, NEC24C64, NEC24C64 colordisplay, A1, A3/TT/R8, Q3, New tiguan 5ND920873B, 5ND920883B etc

2. Add identification for new A6/Q7 J518(this type not support read via OBDII), avoid damage J518 when you read EEPROM via OBDII

3. Bugfix

===== BMW V1.2.5 =====

1. Bugfix

===== Porsche V1.2.5 =====

1. Bugfix

===== PSA V2.0.6 =====

1. Bugfix

===== Transponder Programmer V1.2.5 =====

1. Points System: You can exchange copy 48 function by yourself, require 1000 remote points

2. Special Transponder: Add DongFeng-Succe 1.5L immobox

3. Make Remote: Bugfix for Chevrolet Epica

4. Immobilizer data tool: Toyota Echo ECU 25040 bugfix

5. Immobilizer data tool: Add support SaicMotor Roewe 360 remote immobilizer

6. Bugfix

===== J2534 V1.2.5 =====

1. Bugfix

===== Online Udate Tool V1.2.5 =====

1. Bugfix

===== Quick Start V1.2.5 =====

1. Bugfix

*** 2016-11-23

*** Require firmware V2.2.3

===== Transponder Programmer V1.2.4 =====

1. Support emulate normal transponder via VVDI wireless sub-remote-pcb: support ID11, ID12, ID13, ID46, ID47 etc

2. Add points system: You can query points, collect points, verify sub-remote pcb status etc

3. Immobilizer data tool: Mitsubishi Carisma 1996 93C46 bufix

4. Immobilizer data tool: VW immobox TMS based bugfix
5. Bugfix

*** 2016-11-16

*** Require firmware V2.2.3

===== VAG V1.2.3 =====

1. 4th immobilizer support follow types:

- (1) NEC24C32 Support add key and lost all key via OBDII
- (2) NEC24C64 Support add key and lost all key via OBDII
- (3) Motorola Support add key and lost all key via OBDII
- (4) NEC95320 Support add key and lost all key via OBDII
- (5) CDC32xx Support add key and lost all key via OBDII
- (6) NEC35xx Support add key via OBDII, some cars with marelli

support lost all key void OBDII

- (7) Passat B6/CC Support add key and lost all key via OBDII
- (8) A3/TT/R8 Support add key and lost all key via OBDII
- (9) Q3 Support add key and lost all key via OBDII
- (10) A4(RB4, RB8) Support add key and lost all key via OBDII
- (11) A6/Q7 Support add key and lost all key via OBDII
- (12) Touareg/Phaeton/A8/Cayenne support add key (some type support

OBDII)

Attention 1: Lost all key via OBDII support keyless GO cars(UDS dashboard)

Attention 2: Copy 48 window released(Menu->Key Learn->4th Immobilizer system - Copy 48 Transponder). Copy 48 require authorize(1000 remote points), and require a 48 collector

Attention 3: In future, points will have more power function, save as more as you can

2. Bugfix

===== BMW V1.2.3 =====

1. Bugfix

===== Porsche V1.2.3 =====

1. Bugfix

===== PSA V2.0.5 =====

1. Bugfix

===== Transponder Programmer V1.2.3 =====

1. Fix bug for copy some HITAG2(46) transponder
2. Prepare remote: Add support for Chevrolet Epica
3. Immobilizer data tool: bugfix Skoda fabia 93C86
4. Bugfix

===== J2534 V1.2.3 =====

1. Bugfix

===== Quick Start V1.2.3 =====

1. Bugfix

*** 2016-10-27

*** Require firmware V2.2.2

===== VAG V1.2.2 =====

1. Bugfix

===== BMW V1.2.2 =====

1. Bugfix

===== Porsche V1.2.2 =====

1. Bugfix

===== PSA V2.0.4 =====

1. Bugfix

===== Transponder Programmer V1.2.2 =====

1. Support copy transponder: HITAG2(46), 11, 12, 13, 7935(ID42)
2. Immobilizer data tool: bugfix BMW motorcycles
3. Bugfix

===== J2534 V1.2.2 =====

1. Bugfix

===== Online Update Tool V1.2.2 =====

1. Bugfix

===== Quick Start V1.2.2 =====

1. Bugfix

*** 2016-09-29

*** Require firmware V2.2.1

===== VAG V1.2.1 =====

1. Add support for MED17/EDC17 dump tool, support clone ECU(Menu->Special Function->MED17/EDC17 dump tool)
2. Bugfix for write CDC32xx immo data
3. Show MAC and power class for some type Audi RB8 in immodata
4. Bugfix

===== BMW V1.2.1 =====

1. Bugfix

===== Porsche V1.2.1 =====

1. Bugfix

===== PSA V2.0.3 =====

1. Bugfix

===== Transponder Programmer V1.2.1 =====

1. Add support for copy remote
2. Bugfix for update remote database
3. Immobilizer data tool: bugfix Citroen Berling 2000 NEC
4. Immobilizer data tool: bugfix VW immobox 93C56 show ID error
5. Immobilizer data tool: bugfix Mitsubishi Colt 2004 9S12
6. Immobilizer data tool: bugfix Renault Clio III 2005 95160

===== J2534 V1.2.1 =====

1. Bugfix

*** 2016-09-13

```

***   Require firmware V2.1.9
*****
===== Transponder Programmer V1.2.0      =====
1. Show update information for new remote database
2. Fix bug for remote points system

*****
***   2016-09-06
***   Require firmware V2.1.9
*****
===== BMW V1.1.9      =====
1. Fix bug for select key position when make dealer key
2. Fix bug for software crash
3. Bugfix

===== Transponder Programmer V1.1.9      =====
1. Immobilizer data tool: bugfix Rover Discovery 3

*****
***   2016-09-02
***   Require firmware V2.1.8
*****
===== VAG V1.1.8      =====
1. Add diagnostics address above 7F
2. Fix bug for software crash in diagnostics
3. Bugfix

===== BMW V1.1.7      =====
1. New window improved: CAS/EWS Information, Key Learn window
2. File Change KM: fix bug for CAS2 2K79X
3. Bugfix

===== Porsche V1.1.7      =====
1. Bugfix

===== PSA V2.0.2      =====
1. Fix bug for key learning

===== Transponder Programmer V1.1.8      =====
1. Prepare Remote: Use new remote programmer instead, support Remote
points system
2. Immobilizer data tool: Add support Citroen Jumper 2012- 95640
3. Immobilizer data tool: Add support Fiat Magneti Marelli IMM009.10 ID48
4. Immobilizer data tool: Add support Ford EcoSport 2015- DST80
5. Immobilizer data tool: Add support Ford Edge 2007
6. Immobilizer data tool: Add support Ford Explorer 2012- DST80
7. Immobilizer data tool: Add support Hyundai Sonata 2006 29BDD160
8. Immobilizer data tool: Add support Hyundai Starex 2001-2005 95P08
9. Immobilizer data tool: Add support Isuzu NRP 2007- 953C56
10. Immobilizer data tool: Add support Mitsubishi Endeavor 2006 24C01
ID61
11. Immobilizer data tool: Show PIN code for Geely EC715 93C56
12. Immobilizer data tool: bugfix Renault Clio II 2001 93C66
13. Immobilizer data tool: bugfix Daewoo Lanos 1997 MC68HC05
14. Immobilizer data tool: bugfix VW Immobox NO. 6X0 953 257 - 24C04
15. Immobilizer data tool: bugfix Mercedes-Benz Car-ML EAM
16. Immobilizer data tool: bugfix Hyundai Cerato 2003 95160
17. Immobilizer data tool: bugfix SAAB 9-3 2003 93C66

```

```

===== J2534 V1.1.8 =====
1. Bugfix

*****
*** 2016-08-10
*** Require firmware V2.1.7
*****

===== VAG V1.1.7 =====
1. Bugfix for guided function
2. Bugfix for flash some FRF file
3. Bugfix for autodetect lavida cluster
4. Bugfix for write CDC32xx immo data
5. Bugfix

===== BMW V1.1.7 =====
1. Add support for disable/enable EWS key in "File Key Maker"
2. Add support for E series coding
3. Some window is improved
4. Bugfix for show ISN when lost all key
5. Bugfix

===== Porsche V1.1.7 =====
1. Bugfix

===== PSA V2.0.1 =====
1. Bugfix

===== Transponder Programmer V1.1.7 =====
1. Immobilizer data tool: bugfix Opel IMMO-1 68HC05
2. Immobilizer data tool: bugfix Renault Latitude 2010-
3. Immobilizer data tool: bugfix Hyundai Tucson 29F400
4. Make Remote: New database released, now support make remote under
wireless mode
5. Bugfix

===== J2534 V1.1.7 =====
1. Bugfix

===== Online Udate Tool V1.1.7 =====
1. Bugfix

===== Quick Start V1.1.7 =====
1. Bugfix

*****
*** 2016-06-26
*** Require firmware V2.1.5
*****

===== VAG V1.1.6 =====
1. Fixbug for A8 change KM
2. Fixbug for read PIN/CS from Kline ECU (SIMOS type)
3. Bugfix

===== BMW V1.1.6 =====
1. Bugfix

===== PSA V2.0.0 =====

```

1. New software realeased: PSA tool, support read PIN, key learning

===== Transponder Programmer V1.1.6 =====

1. Immobilizer data tool: bugfix Renault Latitude 2010-
2. Bugfix

===== Online Udate Tool V1.1.6 =====

1. Bugfix

===== Quick Start V1.1.6 =====

1. Bugfix

*** 2016-06-06

*** Require firmware V2.1.5

===== VAG V1.1.5 =====

1. Bugfix

===== BMW V1.1.5 =====

1. Bugfix

===== Porsche V1.1.5 =====

1. Bugfix

===== Transponder Programmer V1.1.5 =====

1. Bugfix

===== J2534 V1.1.5 =====

1. Bugfix

===== Online Udate Tool V1.1.5 =====

1. Bugfix

===== Quick Start V1.1.5 =====

1. Bugfix

*** 2016-06-03

*** Require firmware V2.1.4

===== Note =====

VVDI2 - Transponder Programmer become part of VVDI Key Tool

While VVDI Key Tool run on VVDI2, it support the old function list in

VVDI2 - Transponder Programmer, new function don't support

While VVDI Key Tool run on new VVDI Key Tool device, it support all

function: Transponder programmer, Special transponder, Immobilizer data tool, NXP renew, Copy transponder, Prepare Remote, Verify Key etc

===== VAG V1.1.4 =====

1. Bugfix for unit flash programmer
2. Guided function: Engine, ABS, Central Electric, Convenience, Instruments, Add.heating, Handbrake, Immobilizer, Airbag, Xenon, DPF etc
3. Bugfix

===== BMW V1.1.4 =====

1. Bugfix

===== Porsche V1.0.6 =====
1. Bugfix

===== J2534 V1.0.6 =====
1. Bugfix

===== VVDI Key Tool V1.0.0 =====
1. Support unlock toyota smart key: 40bit/80bit (Function list in Other Key Tool)
2. Special transponder: bugfix ZhongHua H230
3. Immobilizer data tool: bugfix Toyota Camry ECU 93C56
4. Immobilizer data tool: bugfix Toyota passo 93C66 4C
5. Immobilizer data tool: bugfix Nissan Qashqai 2010 9S12
6. Immobilizer data tool: bugfix Iveco Daily 93C56
7. Immobilizer data tool: bugfix Toyota Yaris 2001 25020
8. Immobilizer data tool: bugfix Renault laguna III 9S12
9. Bugfix

===== Online Udate Tool V1.0.9 =====
1. Bugfix

===== Quick Start V1.0.6 =====
1. Bugfix

*** 2016-04-22
*** Require firmware V2.1.3

===== VAG V1.1.3 =====
1. Add decode 95160 EEPROM for touareg 2008
2. Fixbug for read PIN and CS in med17.5 ECU
3. Fixbug for passat B6 find 7th bytes CS
4. Added guided functions: ECU/ABS following: (other modules will add soon) (Menu->Diagnostic->Guided Functions)

Engine:
Activation of cruise control
Throttle adaptation - Otto engines with Drive-By-Wire
Turning on Pre-Fuel pump (eg. for bleeding)
Injectors checking 3.0/2.7 TDI
Pump-jet checking 1.9/2.0 TDI
Adaptation of turbocharger in 2.7/3.0TDi engines
Adaptation of flap motors in 3.0/2.7 TDi engines
Testing Mass air flow meter G70 in TDI engines
Chiptuning test
Adaptation of G336 sensor (intake manifold's flaps) in 2.0TFSi
BPY/AXX

Adaptation of Turbocharger sensors used in CBAB CBAC 2.0TDi CR engines

Adaptation of EGR valve in Gasoline engines
Adaptation of start quantity in TDI VP Engines
Start/Stop deactivation in MQB cars (Golf 7, Octavia 3 etc)

ABS:
Calibration of G85 sensor
FillingUp Brake system (MK60/70 - Golf V / Passat / Altea / Leon)
Enable / Disable "SystemTest" for ABS/ESP
Calibration of ESP acceleration sensor G200
Calibration of ESP pressure sensor G201

Calibration of ESP acceleration sensor G251
LHD/RHD ESP Coding
Recoding ABS/ESP variant (USA/EU)
ESP sensor calibration G200,G202,G251 in cars newer than 06.2007
Adaptation ESP ECU for DSG Gearbox in Audi A3 8P MJ2006
Total deactivation/activation of ESP MK60EC1

===== BMW V1.1.3

=====

1. Add support for lost all key with newest firmware: 9395656, 9395657, 9389115, 9389116
2. Improvement file make key window, show VIN, key cutting code, remote frequency, ISN etc
3. Add disable/enable key for CAS1/2/3/3+/4/4+ in file make key
4. Fixbug for EWS4 KM
5. Fixbug for change KM 5M48H with error checksum
6. Bugfix

===== Porsche V1.0.5

=====

1. Bugfix

===== Transponder Programmer V1.1.3

=====

1. Add new window for Hitag3, support read/write page with password
2. Immo data tool bugfix: Renault Trucks Magnum 2000 - 93C46
3. Immo data tool bugfix: Daihatsu Sirion -2003 93C66(4C)
4. Immo data tool bugfix: Euro Gilear Fuoco ST10F269
5. Immo data tool bugfix: Ducati Monster 696
6. Immo data tool bugfix: Renault Laguna II 95160
7. Immo data tool bugfix: Mercedes benz Vito 68HC
8. Immo data tool add new for toyota 93C66
9. Bugfix

===== J2534 V1.0.5

=====

1. Bugfix

*** 2016-01-29
*** Require firmware V2.1.2

===== Note =====

Xhorse will continue provide more useful and more convenient tool in 2016!
Happy Spring Festival!

===== VAG V1.1.2

=====

1. Fixbug for prepare dealer key in audi RB4 crypto type
2. Fixbug for change KM in A6 (CAN protocol)
3. Improve autodetect 4th immobilizer, support more cars
4. Bugfix

===== BMW V1.1.2

=====

1. Fixbug for change KM in CAS2
2. Fixbug for read key info from CAS2
3. Bugfix

===== Porsche V1.0.4

=====

1. Bugfix

===== Transponder Programmer V1.1.2

=====

1. Other Key Tool: make dealer key with 7 bytes CS / Find 7th byte CS :
add no manufacture type

2. Immobilizer Data Tool add the following car support:

Subaru XV 2012 Sabura Forester 1998
Volvo XC70 2008
Volvo V70 2008
Dodge Ram 2008 uPD70F
Dodge Charger 2008 uPD70F
Dodge Sprinter 2006
Jeep Grand Cherokee 2008 uPD70F
Jeep Laredo 2008 uPD70
Saic MG3
Kia Cee'd 2012 STM8
Kia Soul 2008
Chevrolet Silverado 2011
Chevrolet Camaro 2015
Chevrolet Aveo 2012
Chevrolet Captiva 2011
Chevrolet Matiz 2006
Chevrolet Camaro 2015
Nissan Teana 2012
Mitsubishi Montero 2008
Mitsubishi Montero 2000
Mitsubishi Space Wagon 1999
Mitsubishi Pajero 2000
Mitsubishi Pajero Sport 2000
Mitsubishi Fuso Canter 2009
Mitsubishi Mirage 2010
Tata Safari 1999
Iveco Stralis 2008
Isuzu KB250D
Toyota smart systems certification ECU
Toyota Previa Immobox 2003
Toyota Yaris 2004
Mazda Tribute 2008
Kawasaki Denso 21175
Kawasaki Denso 21175 0811
VAZ Priora 2013
Piaggio Vespa LX125
Fiat Ducato 2012
Fiat Burstner Viseo 2011
Peugeot Boxer 2012
Peugeot Manager 2013
Renault Latitude 2010
Renault Safrane 2010
Renault Samsung SM5 2010
VW Golf 5 Viesteen 2008
VW Beetle 2008
Ford focus 2012
Ford Escape 2012

*** 2016-01-13

*** Require firmware V2.1.1

==== User Manual =====

Please Read user manual carefully. For other question contact dealer

2. VVDI2 - BMW User Manual V1.1 (English and Chinese Simplified): Add repair CAS PLUG method

===== VAG V1.1.1 =====

1. Fix bug for Audi A4 RB8 crypto make dealer key
2. Fix bug for read Audi A6 J518
3. Add START/STOP data for passat B6/CC with 48 transponder, require 7 bytes CS
4. Add option for "Help VVDI2 improve 4th immobilizer cluster autodetect". See detail in dianostic parameters
5. Bugfix

===== BMW V1.1.1 =====

1. Add repair CAS PLUG method to read EWS. See detail in BMW user manual v1.1
2. Fix bug for BMW EWS1/2/3/4 make dealer key
3. Fix bug for some F-Series cluster change KM
4. Bugfix

===== Porsche V1.0.3 =====

1. Bugfix

===== Transponder Programmer V1.1.1 =====

1. Fix bug for BMW EWS1/2/3/4 make dealer key
2. Bugfix

===== Online Udate Tool V1.0.8 =====

1. Bugfix

*** 2015-12-12

*** Require firmware V2.0.8

===== VAG V1.1.0 =====

1. Fix bug for read BCM2 bug with BDM programmer
2. Fix bug for change KM with old A6 (CAN protocol)
3. Bugfix

===== BMW V1.1.0 =====

1. Bugfix

===== Porsche V1.0.2 =====

1. Fix bug for porsche key learn

===== Transponder Programmer V1.1.0 =====

1. Add auto antenna gain, no more set manually
2. Bugfix

*** 2015-11-16

*** Require firmware V2.0.7

===== User Manual =====

Please Read user manual carefully. For other question contact dealer

1. VVDI2 - OverView V1.2 update (English and Chinese Simplified)
2. VVDI2 - BMW User Manual V1.0 (English and Chinese Simplified)
3. VVDI2 - Transponder Programmer User Manual V1.0 (English and Chinese Simplified)

===== VAG V1.0.9

=====

1. Fix bug for adapt unit with ECU ME7.1,7.5,7.8
2. Fix bug for component protection when scan unit bugs
3. Fix bug for software crash when use diagnostics function
4. Fix bug for read J518 with working key in 9S12DT256 type
5. Add support for decode Touareg(4th immobilizer) ECU EEPROM 95320
6. Fix bug for read BCM2 bug with BDM programmer
7. Add support in ECU flasher for MQB unit, UDS ECU, Gearbox etc.
8. Add support for get installation list from 1K0 gateway
9. Fix bug for language display in some x64 system
10. Bugfix

===== BMW V1.0.9

=====

1. For the CAS PLUG can't be use in VVDI2 directly. You can find fix method in user manual
2. Fix bug for language display in some x64 system
3. Bugfix

===== Porsche V1.0.1

=====

1. Porsche software released. Now we support file make key and OBD learn the new porsche key
2. Other function will be followed soon

===== Transponder Programmer V1.0.9

=====

1. Add antenna gain function. You can make transponder more steable with change antenna gain, expecially 7935 transponder, see detail in user manual
2. Fix bug for immobilizer data tool: ShangHai communicate 24C02 chip
3. Immobilizer data tool add support for ZhongHun delphi immobox
4. Special transponder - Opel ID40 improved
5. Immobilizer data tool add support for Toyota Etios G-trasnponder
7. Immobilizer data tool add support for Toyota Auris 2010-(93C56 immobox), transponder P1 = 37 or 57
8. Immobilizer data tool add support for Toyota Corolla ECU (93C56)
9. ID46 - China cars:
 Fix bug for Zhonghua H230
 Add support for Geely EC7(Siemens system), Zhonghua V5(Siemens system)
10. Fix bug for language display in some x64 system
11. Many other immobilizer data tool bugfix

===== J2534 V1.0.4

=====

1. Fix bug for language display in some x64 system

===== Online Udate Tool V1.0.7

=====

1. Display hardware version when read device information
2. Fix bug for language display in some x64 system

===== Quick Start V1.0.5

=====

1. Add quick start for Porsche software
2. Fix bug for language display in some x64 system

*** 2015-10-12

*** Require firmware V2.0.6

===== VAG V1.0.8

=====

1. Fix bug for key learn in touareg(KWP2000), bentley(KWP2000)
2. Add support for BFM remote control (car with BFM system, such as polo, jetta etc)
3. Add support for flash programming _E type FRF file
4. Add support for get PIN and CS from cayenne ECU (4th immobilizer, EEPROM 95128)
5. Bugfix

===== BMW V1.0.8 =====

1. Fix bug for file change km (CAS1/CAS2/CAS3)
2. Fix bug for BWM KWP protocol
3. Language fix

===== Transponder Programmer V1.0.8 =====

1. Enhance programmer stability
2. Fix bug for some Koleos 9S12 can't detect key position
3. Bugfix

===== Online Update Tool V1.0.6 =====

1. Show device authorize with number when read device information

*** 2015-09-19

*** Require firmware V2.0.5

===== User Manual =====

Please Read user manual carefully. For other question contact dealer

1. VVDI2 - OverView V1.1 (English and Chinese Simplified)
2. VVDI2 - VAG User Manual V1.1 (English and Chinese Simplified)

===== VAG V1.0.7 =====

1. Add new type for 2013 NEC24C64(0821), 2013 NEC24C64 TFT color display(0703)
2. Fix change KM for Touareg(2010-), A6(2012-), A7, A8(2011-), see detail in VAG user manual
3. Add method for decrypt Marelli ECU(nec35xx type)PIN, CS. Can use for OBD lost all key, Special function->Dump Tool->ECU marelli(Benzin, MM7GV)
4. Fix bug for add key in NEC35xx type
5. Fix bug for key learn in touareg(KWP2000), bentley(KWP2000)
6. Fix bug for key learn in touareg with TP1.6 protocol
7. Fix bug for key learn with immo data(Motorola 9S12XHZ512 type)
8. Fix language error
9. Bugfix

===== BMW V1.0.7 =====

1. Fix bug for BMW mini CAS3+ encrypt version make key via OBDII(9221719 version)

===== Transponder Programmer V1.0.7 =====

1. Fix bug for Koleos 9S12 make key with PCF7936 transponder
2. Fix bug for VAG search 7th byte CS
3. Add new for immo data tool: Mitsubishi L200 (25320), Pajero 25320
4. Bugfix

===== J2534 V1.0.3 =====

1. PassThru configuration V1.0.3 released
2. Bugfix

===== Online Update Tool V1.0.5 =====

1. Show device authorize information (require V2.0.5 firmware)
2. Fix bug for download latest software in some 64bit PC

*** 2015-08-27

*** Require firmware V2.0.4

===== User Manual =====

Please Read user manual carefully. For other question contact dealer

1. VVDI2 - OverView V1.0 (English and Chinese Simplified)
2. VVDI2 - Install Software and Driver V1.0 (English and Chinese Simplified)
3. VVDI2 - Update Online V1.0 (English and Chinese Simplified)

===== VAG V1.0.6 =====

1. Fix bug for part BCM2 read with immo5 BDM plugin error
2. Fix bug for part A8(-2011) change KM error
3. Bugfix

===== BMW V1.0.6 =====

1. Bugfix

===== Transponder Programmer V1.0.6 =====

1. Add new type for Range Rover(Immobox have this situation: lost all key, and ordered new key in service, then add new key)
2. Fix bug for HITAG2 Biphase coding
3. Fix bug for MEGAMOS 48 (OEM) R/W error
4. Bugfix

===== J2534 V1.0.2 =====

1. Fix bug for ISO9141, ISO14230 in ODIS, VAS5054
2. Add K-Line PIN set option in PassThru Configuration
3. Bugfix

===== Quick Start V1.0.4 =====

1. Show installer version in title

*** 2015-08-21

*** Require firmware V2.0.3

===== Remote frequency test =====

1. Support calibration for frequency testing

===== VAG V1.0.5 =====

1. Bugfix

===== BMW V1.0.5 =====

1. Fix bug for CAS3+ encrypt version make dealer key
2. Bugfix

===== Transponder Programmer V1.0.5 =====

1. New transponder list in transponder programmer
2. Fix bug for write eeprom in Hitag2 Extended
3. Bugfix

===== J2534 V1.0.1 =====

1. Add support for 3rd part software: ODIS, VAS5054

===== Online Udate Tool V1.0.4 =====

1. Add function: obtain latest update information
2. Add function: display old update information
3. Bugfix

===== Quick Start V1.0.3 =====

1. Add support for PassThru Configuration

*** 2015-08-15

*** Require firmware V2.0.2

===== VAG V1.0.4 =====

1. Add a new function for A6/Q7/Allroad reading J518 EEPROM with working key.

Some 9S12DT256 can read with 9S12DT128 method, this will save a false EEPROM only with PIN, CS, power class

This false EEPROM only can make dealer key and learn key

2. Update software language information
3. Bugfix

===== BMW V1.0.4 =====

1. Fix bug for CAS3+ encrypt version make dealer key
2. Update software language information
3. Bugfix

===== Transponder Programmer V1.0.4 =====

1. Add new type for read Hitag2 EEPROM(standard)
2. Add new type for read/write Hitag2 Extended (GM car key)
3. Add new type for read Hitag3 (Nissan)
4. Fix bug for immo data tool: Porsche make key
5. Add new for immo data tool: Rover Discovery 3
6. Add new for immo data tool: Greate Wall Delphi immobox
7. Bugfix

===== Online Udate Tool V1.0.3 =====

1. You can get the newest software from menu->Software Update

*** Test Version

VAG V1.0.3 Public test version

VAG V1.0.2 Beta test version

VAG V1.0.1 Beta test version

BMW V1.0.3 Public test version

BMW V1.0.2 Beta test version

BMW V1.0.1 Beta test version

Transponder Programmer V1.0.3 Public test version

Transponder Programmer V1.0.2 Beta test version

Transponder Programmer V1.0.1 Beta test version

Online Udate Tool V1.0.2 Beta test version

Online Udate Tool V1.0.1 Beta test version