VAG DIAGNOSTIC

GUIDE FUNCTION

01 Engine

Activation of CCS – *The procedure activates/deactivates the cruise control functions, used on Pssat3C, Golf, Octavia II, Audi A3, A6*

Activation of ACC – *This procedure activates/deactivates ACC. Used in EA111/EA888 series engine.*

EA888 active ACC – *This procedure active CCS/ACC in UDS EA888 and EA111 1.4 double T Or Can TP2.0 EA888 engine.*

V12 active ACC – *This procedure active/close ACC of V12 Engine In tour e.g., phaeton, A8 Q8 etc.*

EA888 adaption inlet flap – *This procedure adapt inlet flap of EA888 (CAN TP2.0)*

Throttle adaption – **Otto engines with Drive-By-Wire** – *The procedure performs adaptation of electronic throttle.*

Injector coding 2.7/3.0 TDI Common Rail – *The procedure is codes Common-Rail injectors (IMA-Codes) into EU*

Turning on Pre-Fuel pump (e.g. for bleeding) – *Procedure runs the fuel pump. This function is useful for refill fuel system for ex ample, after replacing the filter. The procedure Works on systems EDC16 / EDC17. DO NOT work of Common-Rail system!*

Injectors checking 3.0/2.7 TDI – *Functions performs checking procedure of piezo-injectors installed in 2.7/3.0 TDi engines. Critical values of NMK-factor (NullmengeKalibrierung)*
-pressure 300 bar (-45 ms) <
-pressure 600 bar (-15 ms) <

Pump-jet checking 1.9/2.0 TDI – *The procedure Allow you to troubleshoot the PD – elements used in the VW/Audi TDI 1.9/2.0. Acceptable values BIP (Begin of Injection Period – the beginning of the injection phase) are: BIP <60.*
However, values above 30 indicate an already bad condition at the injector.

Adaptation of turbocharger In 2.7/3.0 TDi engines – *This procedure starts adapting procedure of the turbocharger's controller in 2.7/3.0 TDI engines. Helpful when the exchanges/repairs turbocharger.*

Adaptation of Flap motors In 3.0/2.7 TDi engines – *The procedure starts the adaptation procedure intake manifold's Flap actuators (VSS) in the engines 2.7/3.0 TDI. Helpful when the exchanges/repair.*

Testing Mass air flow meter g70 in TDI engines – *The procedure validates the work of G70 mass air flow meter In TDI engines. The test is dynamic and requires a test drive by accelerating In 3rd gear while holding the gas pedal to the end.*

Chip tuning test – *procedure performs Chip tuning test used by VAS tester determine manipulation in engine's ECU. Function requires test driver – acceleration on 3rd gear from 1500RPM with full throttle.*

Adaptation of G336 sensor (intake manifold's flaps) In 2.0 TFSi BPY/AXX – *Procedure performs Basic setting of G336 sensor (intake manifold's flaps) used in 2.0TFSi (BPY, AXX) engines. Required after replacing of V157 flap motor.*

Adaptation of Turbocharger sensors used in CBAB CBAC 2. 0 TDi CR engines – *Procedure starts Basic settings of Turbocharger (VNT sensor) used In CBAB, CBAC 2.0 TDI CR engines.*

Adaptation of EGR Valve in Gasoline engines –*Procedure starts adaptation of EGR Valle used in older gasoline engines (K-Line KWP1281 Passat B5, Golf IV etc.)*

Adaptation of start quantity In TDI VP Engines –*Procedure adapts the start quantity In TDI VP (injection pump) engines. Higher quantity can solve warm-start problems in older TDI engines.*

EA111 UDS check engine oil level – *This procedure can read out the current engine oil level and the lowest oil level of MED17.5.5 EA111 UDS engine.*

EA111 UDS Clear value & adapt throttle – *This procedure clear learned value and adept throttle of MED17.5.5 EA111 UDS engine.*

Start/Stop deactivation (Golf7, Octavia3, etc) – *Procedure totally activates/deactivates Start-Stop system In MQB Cars (Golf 7, A3 V8, Octavia 3etc.) Audi A4, A5, Q5, Toured, etc.*

02 GEARBOX

Read dashboard & Gearbox Mileage – *This procedure display washboard mileage and gearbox mileage. Support gearbox type 02E DSG, 0AM DSG.*

OAM/OCG 7 speeds DSG Basic setting – *OAM/OCG seven speeds dry dsg gearbox (J743) basic setting.*

Steps 1: Tighten the hand brake, depress brake (keep all the time), and open ignitron s (not start engine).

Steps 2: according to the prompt, start engine and keep de pressing brake.

Steps 3: close ignitron for 30 seconds, and then start engine again.

02E 6 speeds DSG Basic setting – *this procedure due basic setting of 02E 6 speeds DSG. Maybe some noise and shaking in the procedure, it's normal.*

OAM/OCG seven dry DSG neutral gear – *OAM/OCG seven speeds dry dsg go into Neutral gear, In order to Split the electromechanical unit.*

OAM DSG 3letters code match VAG number – *Please input 3letters code to search: for ex ample: KHM->OAM300045.*

TIPS: sp (space), del (backspace) sft (Shift), Press ok. when finished.

03 ABS

MK60EC1 code generate – *This procedure generate /code for MKEC05 Kessy ABS. Useful/ when replace vehicle unit lead to lost code of ABS. Support 18/19 BYTEs code of ABS, 1K0907379AH/AJ/AP/AQ/AS/AT/BC/BD/BE/BH/BJ/BL,561907379/A/B/C/D/E/NMS China with EPB. 20BYTEs code of ABS 1K0907379BM/BR/BS/CB/CC.*

ABS code generates (UDS) – *This procedure generates code of ABS (uds). Support ABS type: 1. TRW 460series, VAG number 5N0614109CG (Sharan2016). 2. Touran 3Q0907379AA. 3. Input code manually.*

Close G608 Sensor – *This procedure used In MK60EC1 18/19/20 bytes code ABS. Open/close G608 sensor, if close G608 can clear 00336 DTC.*

Calibration of G85 sensor – *The procedure carried calibration of ESP's G85 Steering angle sensor. The procedure does NOT require a test drive.*
–Ignition on, the ESP controller initiated (10 seconds after the ignition)
-Steering angle initialized
- Wheels and steering Wheel pointed straight
- car stuck.

Filling Up brake system (MK60/70- Golf V/Passat/Altea/Leon) - *The procedure starts the mode of filling the hydraulic central unit In the ABS/ESP. The procedure works on the ECUs:*
- Teves MK60
- Teves MK70 used in the models: Golf V/Jetta III/Passat/Octavia II/Leon II/Altea etc. Procedure for 90secunds opens the control valves OFL/OFR/ORL/ORR and EUV1/EUV2.

Enable / Disable System Test for ABS/ESP - *The procedure turns on/off System test In ABS/ESP MK60 and MK70 used in cars. PQ35 (Golf V, Touran, etc) and PQ46 (Passat, Passat CC). It also Works on the Audi A4 model 8K. Helping the ESP module Exchange, Brand New ECUs have test mode enabled by default. Since In the test mode all ESP functions are disabled, this function could also be useful when testing dynos.*

Calibration of ESP acceleration sensor G200 – *The procedure starts calibration procedure of Lateran acceleration sensor G200 in ABS/ESP MK60 and MK70 controllers used In the PQ35 platform cars (Golf V, Touran, etc.) and PQ46 (Passat, Passat CC). Helping the ESP module Exchanges.*

Calibration of ESP pressure sensor G201 –*The procedure starts the calibration procedure of pressure sensor In ABS/ESP MK60 and MK70 systems us In the PQ35 platform cars (Passat, Passat CC). Helping the ESP module exchanges.*

Calibration of ESP acceleration sensor G251 –*The procedure starts the calibration procedure of longitudinal acceleration sensor G251 in ABS/ESP MK60 and MK70 controllers used in the PQ35 platform cars (Golf V, Touran, etc) and PQ46 (Passat, Passat CC). Helping the ESP module Exchange.*

LHD/RHD ESP Coding – *Procedure recodes PQ35/46 GP ESP Controllers with long encoding to LHD/RHD variant.*

Recoding ABS/ESP variant USA/EU - *Procedure recodes ESP – module used in cars PQ46 (Passat) and PQ35 (Family Golf V/VI) with a variant of the U.S to Europe and vice versa. Useful when with recoded instruments ESP light is on and the ECU show errors (ECU not correctly coded). Works on the ECUs with SHORT encoding, when run aganist ECUs with Long Coding returns a errors. Conversion consists in switching from the standard ULEV2 to EU4.*

ESP sensor calibration G200,G202, G251 in cars newer than 06.2007- *The procedure starts the calibration procedure of G200, G202, G251 in ABS/ESP MK60and MK70 controllers used In the PQ35 platform cars (Golf V, Touran, etc) and PQ46 (Passat, Passat CC) starting from model years 2008. Helping the ESP module exchanges.*

Adaptation ESP ECU for DSG Gearbox In Audi A3 8P MJ2006 – *Audi A3 8P model variant with the DSG gearbox, starting from MJ2006 requires a separate adaptation of ESP – controller to the gearbox. The procedure requires a number KNR- It is located on the label the trunk of the vehicle.*

Coding of ESP in Passat B5GP (2000<) – *Procedure helps with coding of the ESP module in Passat B5 after facelift (2000<).*

Coding of ESP MK60EC1/MK25X In Golf 6, Passat, Octavia II etc. – *Procedure helps with coding of the ESP module MK60EC with long coding and crypted VIN.*

Total de/activation of ESPMK60EC1 – *Procedure totally activates /deactivates ESP MK60EC1 system. Useful, when ESP more disturbs than helps☺. Works with all Golf R as well.*

05 KESSY

Temporary parking lock door – *This procedure used to open/close temporary parking lock door, when parking, you must hang P block and pull the handbrake this work is in PQ25/35 5K0959434x controller.*

08 Air conditioner

Air conditioner receives out car temperature – *climatronic auto air conditioner J301 exec the I/O test to receive temperature outdoor. Support ECU 3AD907044AA.*

Air conditioner sports self-inspections – *this procedure open/close PQ35 platform air conditioner sports self-inspection.*

Tour and auto air conditioner wind speed display – *this procedure open/close tour and auto air conditioner mode display wind speed.*

09 Central Electric

Enable/Disable Nordic mode (Low beam as Daylight running lights) – *the procedure starts the Scandinavian mode of the Central Electric Unit. Thanks to this lights ale switched automatically. The procedure supports in cars Audi A6F.*
– U.S. mode (daytime lights on, rear position lamps switched off)
- Scandinavian mode (daytime lights on, rear position lamps on.)

Disable APS – function of Front wisher – *The procedure disables features of APS (AlteratParkStelling) wiper controller. The procedure is required when setting static wiper arms, especially contra (e.g. VW Touran). APS function is activated again automatically after 50 wipes.*

Activating Coming-Home / Leaving Home functions - *The procedure turns on/off Leave-Home/Coming-Home function in cars PQ35/46 (VW/ Seat/Skoda). Warning! This feature is available from the midline version of BSG.*

Setting up PWM value for front LED daylight running lights – Audi A6 2009 – *Procedure to change the PWM-Value daylight running lights In the Audi A6 4F, resulting In a stronger Or weaken light. As a result, by darkening can be prolong (life) diodes. He default setting is 8%.*

Activation of DRL Rising fog lights in BCM system – *The procedure recodes BCM for the daytime running lights carried out by in fog lights. Working on cars fitted with BCM module (VI Golf, Octavia II, Passat CC, Superb II, etc).*

Lock/Unlock Boise Prompt – *This procedure active/inactive 5K0937087xx BCM voice prompt when lock or unlock the car. If there's no independent Horn, use the vehicle Horn. This operations will change code, please save the org code.*

BCM lamp data modify – *This procedure can modify BCM light data. And if you change code 18 bytes lead to light data error, you can reset to the default data. Support 5K093708x, 3AA93708x, etc.*

BCM Set Xenon mode – *This procedure open/close xenon mode of BCM, useful after replace the xenon. Support 1K093708x, 5K093708x, 3AA93708x etc.units. This procedure will change the code, please save the org code.*

Read/Write remote key ID – *this procedure used to read/write BCM remote key ID.*

LED license plate light warming – *This procedure used to Active/close 1K093708x BCM LED license plate light warming, please unlock door first, or BCM can't be accessed.*

Auto Lock Door – *This procedure used to active/inactive auto lock door when speed up to 15m/h*

Auto Unlock Door – *This procedure used to active/inactive auto unlock door when remove key.*

13 Parking Distance Control

Unlock Acc radar to enable coding and adaption – *Support ECU: 3C0907567, 3AA907567A, you can change code after unlock. Code help: 10000=all area 8t3, 20000=North America 8T3, 30000= Japan 8T3, 10100= all area 8T5, 20100 = North America 8T5, 30100=Japan 8T5, 8T3= not support brake, 8T5= support brake.*

14 DCC

DCC Basic setting – *OCC Basic setting, support ecu: 3C0907376, 3C0907376A etc. Useful after refit or after replace some sensor. Steps1: up the car, off Ground. Steps2: Basic setting. Steps3: close ignition key, wait 5 seconds, check is there" no Basic setting"DTC, if no, success.*

Adaptation of Pneumatic suspension system In Audi A8 4E - *Procedure performs adaptation procedure of pneumatic Adaptive Air Suspension used in various Audi models. Calibration need to be performer for example after replacing one the chassis sensors. To perform to procedure, measurement the heights from wheel center to the lower edge of the fender will be necessary. Default values are: Audi A6 (4F) (PR-1BK) 386 mm (front) and 384 mm (rear).*

15 AIRBAG

Deactivating passenger airbag – *the procedure for the passenger airbag off. Warning!!! Is also required physical separation of airbag otherwise the ECU will report an error (too high resistance).*

Updating Vehicle Data in Airbag unit 8.4 Audi A4 B6 – *procedure updates Vehicle Data (VIN) in Airbag unit 8.4 used In Audi A4 B6 (8E). Useful when installed used Airbag reports (bad VIN) fault code.*

17 Instruments

Clearing inspection message – *the procedure deletes the displayed (service) on the washboard.*

Setting service interval inspection (UDS) – *this procedure set time and mileage of service interval and car check interval. Useful after replacing new washboard.*

NEC+24C64 EEPROM function:

*Backup/write whole 24C64 EEPROM chip- *This procedure use to backup or write the whole 24C64 EEPROM chip, please create a folder named „EEPROM" In Root of SD card.*

*Needle self check – *this procedure used to active/close washboard needle self check.*

*Dial backlight on – *this procedure used to active/close washboard scale backlight light on all time.*

*Needle backlight on – *this procedure used to active/close washboard needle backlight on all time.*

*Needle backlight on for 30 seconds after lock car – *this procedure used to active/close washboard Needles backlight light for 30 seconds after lock car.*

*Production mode – *this procedure open washboard production mode and the mileage must set to 0 before this operation.*

*Active drive assistance – *this procedure active assistance, such as side assist/DCC/down-hill assist.*

*Handbrake position –*this procedure used to set handbrake position.*

*Welcome menu logo – *this procedure used to set Welcome menu logo. Only for the soft versions after 0611 of color screen and S07xx of white screen.*

*Oil sensor prompt – *this procedure close oil sensor prompt, it can solve oil sensor prompt error problem for some old engine didn't have oil sensor.*

*Digital Speer display on screen – *this procedure used to active/close speed display on screen (km/h).*

*Fuel tank feature – *this procedure used to set fuel tank feature. Only for the soft versions before S07xx of color screen and S09xx of white screen.*

*Needle shaking after update firmware - *this procedure used to solve the problem of Needles shaking after update firmware.*

* Fuel tank cap opening prompt (Sharan) - this *procedure used to active/close the prompt of fuel tank cap opening, only for sharan.*

*DRL indicator light - *this procedure used to active/close DRL indicator light and you should change the coding of BCM too.*

*White screen washboard liquid crystal type - *this procedure used to set white screen washboard liquid crystal type. It's useful when update firmware there's no display on screen.*

*Active Twin Drive - *this procedure used to active twin drive mode. Double drive, hybrid.*

*Trailer indicator light - *this procedure used to active/close trailer indicator light.*

*Headlight indicator light (Skoda) - *this procedure used to open front fog indicator light, only work on Skoda car.*

*Front fog indicator light (Skoda) - *this procedure used to open front fog indicator light, only work on Skoda car.*

*Gearshift position P/N prompts - *this procedure used to prompt gearshift position P/N.*

*Speed dials top Speed/240/260/270/300km/h *- this procedure used to set the max speed of dial. Useful after replacing the speed dial.*

*Park braking type *- this procedure used to set park braking type.*

*Number of fuel sensors - *this procedure used to set number of fuel tanks.*

*MFW type - *this procedure used to set the type of MFW. Only for VW Cluster, tft and BW 24C64, cant' use for Skoda.*

*Temperature unit - *this procedure used to set the temperature unit.*

*Distance unit - *this procedure used to set distance unit.*

* Speed unit *- this procedure used to set the speed unit.*

* Time format - *this procedure used to set the time format.*

*Consumption format *- this procedure used to set the consumption format.*

*Sun roof indicator *- this procedure used to enable/disable sun roof indicator.*

*Side indicator - *this procedure used to enable/disable side assist indicator.*

*DPF indicator - *this procedure used to enable/disable DPF indicator.*

*Parking indicator - *this procedure used to set parking indicator P/I.*

*Engine indicator - *this procedure used to set engine indicator*

*Oil temperature menu *- this procedure used to enable/disable oil temperature menu.*

*Refuel volume menu - *this procedure used to enable/disable refuel volume menu.*

*Support menu - *this procedure used to enable/disable support menu.*

*Logos - this *procedure used to set car logo.*

*Alternative logos - *this procedure used to set alternative car logo.*

*PQ35 Active PLA3.0 – *VW PQ35 NEC+24C64 3D color washboard active PLA3.0 (support 7N0919475E) SW version S10XX or S11XX. The dashboard Reed Lower the immo level. Procedure will change the coding of luster, please save the org coding.*

Change new dashboard mileage - *this procedure used to change PQ25/35/46 new dashboard mileage, and close production mode.*

Close production mode - *this procedure close PQ25/35/46 dashboard production mode.*

Change units in instrument cluster – *Procedure allows you to change instrument panel's units from English (Miles) to European (kilometers) and vice versa.*

Change language in instrument cluster –*procedure allows you to change the language displayed on instruments panel.*

Enable/disable seatbelts warning light - procedure *turns on/off the fasten seat belt warning light. Work on cars PQ35 (Golf V/VI, Octavia, Leon, Altera, etc). PQ46 (Passat, Passat CC) and the Audi A6 4F, Audi C7, Audi A8 4E.*

Activating graphical Park assistant Audi A6/Q7- *the procedure activates the graphical parking assistant in Audi's MMI2G. NOTE: not all Parktronic controllers support that function.*

Activating/Deactivating tire pressure monitoring Audi A6 model 4F – *The procedure allows you to switch on/off the tire pressure monitoring in the Audi A6 model 4F.*

Instruments recode for Audi A6/Q7 MY2009 from US-Units to EU-units – *procedure performs recode if instruments from US- unit to EU. Works in Audi A6/Q7 from MY2009. Useful for importers, want to adept US car to EU.*

Activation/Deactivation of Brake Pads warning light in Audi A3 8P/ Audi TT – *procedure activate/deactivates the Brake Pads warning light in Audi A3 8P/Audi TT instrument panel.*

Activation of needle sweep, lap timer, gear change indication in 2008 Audi A3/TT – *procedure activates/deactivates some additional functions (needle sweep, lap timer, gear switch indication) in MY2008 Audi A3 8P/Audi TT instrument panel.*

2017 3D dashboard golden menu – *this procedure active/close 2017 3D color dashboard golden menu. Used in PQ35/25, SW version newer than S11XX.*

Needle self-check (Audi A4 2017) – *Audi A4 2017, active/deactivate needle sport self-check.*

18 AUX Heating

Test Fire Up of Webasto (PQ35Caddy/Touran/Golf/Tiguan/Passat) - *the procedure starts the heating device (so-called Webasto) in factory mode for 10 minutes. The procedure is designed to detect possibly malfunction (leakage, failure of pumps, fans etc.) WARNING! The following signals are not taken into account by the controller in this mode: -Temp. External, fuel level, engine speed, dips voltage electrical installations.*

Unlocking of blocked Webasto – *the procedure unlocks the blocked webasto ECU whenever there is a critical error. Without unlocking, Webasto will not work, even after repairing all defects.*

25 Immobilizer

Key coding for IMMO IV (PQ35/46) – *the procedure codes keys to the Immobilizer system IV (PQ 35 platform /46) you must have a PIN Access code. It is possible to encode up to 8 keys. Prior to encode each key will be verified. Only the keys completely new, or previously encoded in the current car will be property verified.*

Adaptation new engine ECU for IMMO3systems – *The procedure adapts ECU to immobilize IMMO3 type. Works with K-Line cars KWP1281 (Golf IV, Passat, 3B, Octavia and so on.) PIN of both ECUs is required.*

Adaptation of injection pump electronics to engine ECU for 2.5V6 TDI engines – *the procedure starts adaptation of new injection pump to the engine ECU. Engine ECU's PIN is required. Works to r2.5 V6 TDi engines.*

44 Steering Assistance

ZF steering:

*G85 Sensor Calibrate

*Light color

*DSR

*PLA

*TSC

*Lane Keep

*Hybrid Power

*DCC suspension

*Steering Angle sensor

APA Steering: steering angle sensor excessive adaption

Refresh steering curve – *this procedure refresh steering curve, support 1K0909144R and 8J0909144R.*

46 Convenience

Bluetooth activation AudiQ7/A6 model 4F – *the procedure activates the on-board phone's Bluetooth.*

Erasing/programming remote controllers - *the procedure allows you to clear/learn remote controls for central locking. You can program up to 4 remote controls. Memory occupancy can be checked using the adaptation channel 001. A value of 0 means that the memory is full and you should first remove all programmed remotes.*

Enable/disable automatic door-lock – *the procedure turns on/off automatically lock the doors when speed exceeds 15km/h.*

Change microphone gain in Nokia Hands free set – *the procedure allows the microphone gain level adjustments in sets of Nokia phone (3CO.035.729/730) for use in cars PQ35/46.*

Activating convenience automatic window opening - *the procedure turns on/off automatic windows lift with remote control. Usable in convenience systems PQ35/46 (VW/Seat/Skoda). WARNING! Central Convenience 2nd generation differ in the length of coding and available features. Old K-Line ECUs are also supported.*

Activating automatic side mirror flipping – *the procedure turns on/off automatic pivoting mirrors when cars back in PQ35/46 (VW/Seat/Skoda). WARNING! This function Works only in cars fitted with electrically adjustable seats with memory settings.*

Recoding of door electronics variant (LHD/RHD) – *the procedure recodes the door controllers to LHD/RHD. Working on PQ35 (Golf V family), PQ46 (Passat 3C) and the Passat 3BG comfort module 1C0 959 799 A/B. FIS display will be adapter automatically after sleep/restore instruments panel (few second after closing the door).*

Activation automatic folder mirrors in UDS door control units Passat/ Tiguan GP/ Jetta – *procedure activates the folding mirror function in newest UDS –Based Door control Units used in Tiguan GP 5N09959701G, Jetta VI 5619569701A, Passat B7 3AA959701A.*

Touareg set four brake lamp – *this procedure set four lamp of Touareg, when brake down, the all four rear lamp will light >2001 year.*

53 Handbrake

EPB Basic Setting – *the procedure opens/closes the brake calipers on vehicles with electric emergency brake, and do EPB Basic setting.*

Setting brake pad thickness – **Audi A8** –*procedure codes rear brake Pads thickness in the Audi A8. Essential for the exchange of rear pads.*

Function check of EPB – *the procedure performs a functional test electric parking brake. Works in the cars equipped with (3C Passat, Audi A6 4F, A8 4E, etc.)*

UDS EPB set VIN check – *this function used to set UDS EPB (56D907801x/8K0907801x etc.) VIN check adaption, close it can clear DTC of D0500 (853248) (installed wrong version unit).*

55 Xenon

Basic setting of Xenon range controller - *the procedure do Basic setting of Xenon headlights, useful when change code or replace sensor or there's a „no basic setting DTC".*

Xenon – **lights coding (with and w/o shutter)** – *the procedure codes for the central electrical unit to work with xenon. Both lamps with and w/o shutter are supported. If you select lamps w/o shutter there's no Reed to connect additional cable from the Bordnetz.*

Xenon headlamps static AFS- this procedure open/close xenon headlamps static AFS. Support VAG number: 5M0907357x.

5F MIB

PQ MIB engineer mode – *PQ platform MIB open/close engineer mode.*

PQ MIB rear view camera – *PQ platform open/close rear view camera. Only for without 6C unit car.*

PQ MIB connect two phones – *PQ platform connect two phone at the same time.*

PQ MIB amplifier type – *this function in used to set PQ MIB amplifier type.*

PQ MIB adaption test – *this function is used test PQ MIB whether adept to dashboard, and whether could component pretection. PQ MIB clear DTC of 00613 (Checking software version management).*

PQ MIB menu style – *this function is used to set PQ MIB menu style: normal/sports/golden.*

MIB RCTA sensors setting – *this function used to enable/disable MIB RCTA sensors.*

Unlocking Eject button in MMI DVD Drive – *this procedure unlocks/lock ejects button with DVD navigation MMI (Audi A6 4F, A8 4E).*

Coding MMI Device List – *this procedure allows the coding of the list of devices in the system MMI (Audi A6 4F).*

Unlocking TV function in MMI 2G/3G Systems – *the procedure unlocks the MMI TV functions, allowing its use also during the driver.*

Activation of service menu in RNS510 Navigation system – *function activates hidden system menu in RNS510 navigation system. Access thru long pressing the Setup button.*

61 Battery

Battery Basic settings – *the procedure do basic setting of battery, useful when replace the battery on those cars with start/stop system. If you don't do this, the start/stop system will not work, you should enter capacity and13 serial number, if short than 13 fill 0 at the last.*

Battery Unit Coding – *the procedure codes new battery data info Energy Management controller (CAN TP2.0). Working on cars having a power management ECU (Audi A6 4F, A8 4E, Q7 Q5).*

A5 Front camera

Lane keep for 30secunds – *this function is used to set lane keep time for 30 seconds. Only for 3Q0980654x camera and 1K0 third gen steering (ZF).*

Front camera calibrate – *front camera calibration, if you don't do this procedure, the camera may not work.*

BE Slider door rear left

*Sharan lider door (RL) repair

BF Slider door rear right

*Sharan lider door (RR) repair

FD DPF

DPF emergency regeneration (1.4, 1.9, 2.0, 2.5 TDI PD) - *the procedure starts emergency regeneration function DPF particulate filter.*

DPF emergency regeneration (3.0 TDI) – *this procedure starts emergency regeneration function of DPF particulate filter for engine 3.0 TDI.*

Recalibrating G450 Pressure DPF sensor – *this procedure recalibrates of the DPF G450 sensor. Used when replacing the sensor (frequent VW Bug).*

DPF Adaptation after replacement 2.0/2.7/3.0 TDi/ VW Crafter – *the procedure adapts the motor controller after installing DPF-Filter. Works on cars 2.0/2.7/3.0 TDi and VW Crafter with EDC16. WARNING! Some 2.0 TDi Blue Motion models due to an error in the motor ECU software do not take the new adaptive value.*
The solution to this problem is to upgrade the software in engine ECU.

DPF Checking 2.0 TDi /2.7-3.0 TDi – *procedure shows load, and the DPF differential pressure of Diesel Particulate Filter (DPF).*

DPF Emergency Regeneration VW Crafter, engines CExx, BJx – *the procedure starts emergency clearing functions DPF particulate filter of engines PD and Common Rail in VW Crafter. The procedure Works with families BJC engines (e.g. BJJ, BJM) and CExx (eg CEBA) and should be done while driving or different engine loads. Minimum required speed is 2000rpm.*

DPF emergency regeneration in BLE engines –Touareg 5.0 TDI - *the procedure starts emergency regeneration functions DPF particulate filter.*

FE Others

Adaptation of various DSG parameters –*procedure starts adaptation of DSG Gearbox. User can select clutch adaptation, pressure adaptation, engage point.etc.*

Tires pressure sensors coding (Passat B6/Passat CC/ Jetta) – *the procedure programs 10-digit number of the pressure sensor to the pressure monitoring module. The procedure in necessary when replacing the sensor with the new one.*

FF VAG additional function code

PARAMETER REFRESH

Device parameter file: 05 Kessy; 09 Central Electr; 10 PDC parking assistance; 13 adaptive cruise control; 14 suspension system; 16 steering wheel; 19 Gateway; 22 AWD (A11-whell-drive) ; 34 Level regulation; 3B sensor electronic; 3C Lane Change; 42 Drive door Control; 44 Steering Assistance; 46 Comfort System; 47 Amplifier; 4B Multifunction. Module; 52 Front Passenger Door Control; 55 Headlight regulation; 56 Radio/FM-Tuner; 5F Information Electr; 62 Door control back left; 65 Tire Pressure Monitor; 6C Rearview Camera; 6D Rear Lid Control; 72 Door control back right; 76 Parking assistance; 85 On Board Camera; 8E Image Processing; A5 Front Camera; B7 Kessy; BB Door Elec Rear Drive Side; BC Door Elec Rear Passenger Side;

User' parameter file – *this function can let users write their own xml parameters file! Please create a folder named „flashfile" in the root directory of SD card, then create a folder named „xml" in it, put all the xml files in the folder.*

SPECIAL FUNCTION

Change KM: *01 Engine; 17 Dashboard*

Read PIN: *01 Engine; 17 Dashboard; 25 Immobilizer*

Immo switch*: 01 Engine*

Adapt unit module:

1. *ECU(EDC16/EDC17/MED9/MED17/Simos)*
2. *Kessy (A8/Touareg/Phaeton)*

3. *Comfort module Passat B6/CC*
4. *Transmission gearbox A6/Q7/Allroad*
5. *Electrical Steering Column Lock (PQ35)*
6. *EZS-Kessy A6/Q7/Allroad*
7. *Replace PQ35 dashboard (UDS)*

Key Learning: *01 Kessy; 17 Dashboard; 25 Immobilizer*

Fix Audi RB4/RB8 not start: *1 Repair RB4 IMMO; 2 Repair RB8 IMMO*

Clear A11 DTCs

Gateway Register: *PQ Platform; MQB platform; MLB (Touareg, Audi Q7 etc.)*

Sync Dashboard Time

Scan & Save Vehicle Info

Transport Mode

FIRMWARE REFRESH *- if you are the first time use this function, please use*
Format CD card function in system setup menu, it will create folders automatically, then put your files in the right folder. Some controller can't reprogram when engine running, please ensure door opened and engine closed.

SYSTEM SETTING

*Time AND Date

*Log record

*Display Time

*Set Language

*Scan QR code

*Firmware update

*Set WSC code

*Format SD card

*SD Card Reader

*About this tool