



Trade Show

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Total Diagnostic Solutions / Exceed Your Expectations

We look forward to greeting you there!

Latest Versions (April, 2013)

Software	Version	Language	Release date
BAW	2012.1	USEN	13-MAR- 2013
BMW CODING	V3.09	USEN/TWCH/JPJP	13-MAR- 2013
BMW CODING	2013.02/2012.12	USEN/TWCH/JPJP	12-MAR- 2013
BMW CODING2	2013.02/2012.12	USEN/TWCH	13-MAR- 2013
BMW Diag E Series	2013.03/2012.12	USEN/TWCH/JPJP/KRKR	03-APR-2013
BMW Diag F Series	2013.03/2012.12	USEN/TWCH/JPJPJ/KRKR	03-APR-2013
BMW Programming	2012.12	USEN/TWCH	04-JAN-2013
CHRYSLER	2013.03/2012.12	USEN/TWCH	03-APR-2013
CITROEN	2012.11	USEN/TWCH/JPJP	13-MAR- 2013
HINO Truck	2012.12	USEN/TWCH	04-JAN-2013
HYUNDAI	2012.12	USEN/TWCH	23-FEB-2013
IMS2-Ford/LandRover/Jaguar	V4.05	USEN/TWCH	03-APR-2013
IMS2-PORSCHE	V2.01	USNE/TWCH	18-JAN-2013
IMS2-VASS	V2.03	USEN/TWCH	18-JAN-2013
ISUZU	2013.03/2012.12	USEN/TWCH	03-APR-2013
JAGUAR	2012.12	USEN/TWCH/JPJP	23-FEB-2013
KIA	2012.12	USEN/TWCH	14-JAN-2013
LANDROVER	2012.12	USEN/TWCH/JPJP	23-FEB-2013
МВ	2012.12SP1	USEN/TWCH/JPJP	03-APR-2013
MB	2012.12	USEN/TWCH/JPJP	18-JAN-2013
NISSAN	2012.12/2011.12SP4	USEN/TWCH/JPJP/MXSP	03-APR-2013
OBDII	2012.12	USEN/TWCH/JPJP	03-APR-2013
OPEL-TW	2012.12	TWCH	14-JAN-2013

OPEL-TWCH	2013.01	ТМСН	03-APR-2013
OPEL-UK	2013.01	UKEN	03-APR-2013
OPEL-UK	2012 11		04-JAN-2013
PERODUA	2012.12/2011.12SP2	USEN	23-FEB-2013
PEUGEOT	2012.11	USEN/TWCH/JPJP	13-MAR-
PS-Module Auto Undate System	V3 03SP1		25-JAN-2013
PS-Module File Manager	V7.02SP1		25-1AN-2013
PS-Module File Manager	V7.02311		14- IAN-2013
	V5.01/4.02	USEN/TWCH/JPJP	13-MAR-
RENAULT	2012/2011 12SP1	SUEN/TWCH/JPJP	2013 13-MAR-
SSANGYONG	2012 12		2013 14-14N-2013
	2012.12		21- IAN-2013
VASS	2012.12/2011.12012		02 APP 2012
VASS	2013.02/2012.12		12 MAD
VeDiS-II / iSCAN-II wt System	V2.03	USEN/TWCH/JPJP	2013
	201302/2012.12	USEN/IWCH/JPJP	03-APR-2013
VM-IMS2-Ford/LandRover/Jaguar	004E0		03-APR-2013
VM-IMS2-PORSCHE	002B6	USEN/TWCH	18-JAN-2013
VM-IMS2-VASS	002B6	USEN/TWCH	18-JAN-2013
VOLVO	2013.01/2012.12	USEN/TWCH/JPJP	03-APR-2013
iSCAN-II BMW Diag E Series	V4.09/5.03/6.01	USEN/TWCH	03-APR-2013
iSCAN-II BMW Diag F Series	V4.09/5.03/6.01	USEN/TWCH	03-APR-2013
ISCAN-II CHRYSLER	V6.00	USEN/TWCH	03-APR-2013
ISCAN-II CITROEN	V5.02/4.03	USEN/TWCH/JPJP/MXSP	13-MAR- 2013
ISCAN-II HYUNDAI	V5.01	USEN/TWCH	23-FEB-2013
iSCAN-II IMS2- Ford/LandRover/Jaquar	V4.05	USEN/TWCH	03-APR-2013
ISCAN-II IMS2-PORSCHE	V2.01	USEN/TWCH	18-JAN-2013
ISCAN-II IMS2-VASS	V2.03	USEN/TWCH	18-JAN-2013
ISCAN-II ISUZU	V5.01/6.00	USEN/TWCH	03-APR-2013
ISCAN-II JAGUAR	V6.00/5.01	USEN/TWCH/JPJP	23-FEB-2013
iscan-II kia	V5.01	USEN/TWCH	14-JAN-2013
ISCAN-ILLANDBOVEB	V6.00/5.01	USEN/TWCH/JPJP	23-FEB-2013
iSCAN-II MB1/MB2/MB3	V5.02SP1/4.04SP1	USEN/TWCH/JPJP	03-FPB-2013
iSCAN-II MB1/MB2/MB3	V5 02/4 04	USEN/TWCH/JPJP	18-JAN-2013
iscan-II NISSAN	V5 03/4 05	USEN/TWCH/JPJP/MXSP	03-APB-2013
iscan-ILOBDII	V2.06	USEN/TWCH/.IP.IP	03-APB-2013
iSCAN-ILOPEL-TW	V5.01	ТЖСН	14-JAN-2013
ISCAN-ILOPEL-TWCH	V5.02	тусн	03-APB-2013
	V5.02		03-APB-2013
	V5.02		03-ALT-2013
	V5.01/4.02		04-JAN-2013
	V5.01/4.02		12 MAD
ISCAN-II PEUGEOT	V5.02/4.03	USEN/TWCH/JPJP/MXSP	2013
ISCAN-II SSANGYONG	V5.01	USEN/TWCH	14-JAN-2013
ISCAN-II SUZUKI	V5.01/4.04	USEN/TWCH/JPJP	31-JAN-2013
ISCAN-II VOLVO	V6.00/5.01	USEN/TWCH	03-APR-2013
iSCAN-II wt Spanish Latin America PKG YUP 2013	2013	MXSP	15-MAR- 2013
D91 OBDII	V5.06	USEN/TWCH/JPJP	03-APR-2013
D91 OPEL-TW	V5.01	TWCH	14-JAN-2013
D91-SUZUKI	V6.01/5.04	USEN/TWCH/JPJP	31-JAN-2013

Yearly Update Project (YUP) Software

Software release monthly for: iScan-IIwt /VeDiS-II EURO PRO YUP 2013 iScan-IIwt /VeDiS-II ASIAN PRO YUP 2013 Please get the updates from website.

Technical Guidance

VASS ABS Sensor for Steering Angle Calibration-1

Table of contents for VW and AUDI ABS MK series:

Models	ABS types
New Beetle(1998-2010)	MK20 · MK60
Caddy(After 2004)	MK60 · MK70
EOS(After 2006)	MK60、MK60-AT、MK60EC1、MK70
GOLF 4th generation (1998-2004)	MK20 · MK60
Jetta (1998-2004)	MK20 · MK60
Bora (1998-2004)	MK20 · MK60
GOLF 5th generation (2004-2009)	MK60 · MK60EC1 · MK70
Jetta (2004-2009)	MK60 · MK60EC1 · MK70
Bora (After 2004)	MK60 · MK60EC1 · MK70
Passat (2006-2011)	MK60 · MK70
Passat CC (After 2009)	MK60 · MK70
Sharan (1995-2010)	MK20 · MK25
Tiguan (After 2007)	MK60 · MK70
Touarge (2003-2010)	МК25
Touran (After 2003)	MK60 · MK70
A3、S3 (1997-2003)	MK20 · MK60
A3 · S3 (After 2004)	MK60 · MK60EC1 · MK70
Q7 (After 2006)	МК25
TT (1999-2007)	MK20 · MK60
TT (After 2007)	MK60EC1 \ MK70

Please check the ABS type of sensor for steering angle before calibration.

ABS types : MK20 x MK25 x MK60 x MK60EC1 x MK60-AT

Models : NEW beetle \land Caddy \land Eos \land Golf \land Jetta \land Bora \land Passat \land Sharan \land Tiguan \land Touareg \land Touran \land A3 \land TT

A. Sensor for Steering Angle (G85) Calibration

(1) When to perform Sensor for Steering Angle Calibration:

- 1. The steering angle sensor has been replaced.
- 2. The ABS ECU has been replaced.
- 3. The steering angle sensor has been removed from it's location to perform any repair.

Note: After battery replacement on 5th generation GOLF, the (yellow) Warning Lamp will

show on the instrucment panel (Dash Panel Insert), and steering angle sensor does not require calibration via the scan tool. Simply perform a short test drive and the steering wheel Warning Lamp(yellow) should turn OFF.



(2) Prerequisites (before calibration):

- 1. Start the vehicle.
- 2. Turn the steering wheel one turn to the left and one turn to the right.
- 3. Drive at a speed no higher than 20 km/h and turn steering wheel completely to the left and right 3 times each.
- 4. Stop the vehicle on a level surface with the wheels in the straight ahead position.
- 5. Keep the engine running and do not switch off the ignition.
- 6. System voltage should be at least 12V.

How to perform this function utilizing iScan-II wt:

1. Select Vehicle Diagnostic -> EUROPEAN

	2
Main Menu 🔶	Vehicle Diagnostic
1 Vehicle Diagnostic 2 Component Test System (External Modules)	1 AMERICAN



3. Select VOLKSWAGEN -> Golf series

5	6
VASS	Type selection
	1 Amarok
	2 Beetle/New Beetle
1 VOLKSWAGEN	3 Bore
2 AUDI	4 Caddy
3 SEAT	5 Crafter
4 SKODA	6 Eos
5 Bentley	7 Fox/SpaceFox
	8 Gol
	9 Golf series
	10 Jetta
	11 Kombi 1997-
	12 Lupo

4. Select Golf/Golf Plus->Individual System Search

7	8
Type selection	Function Select

1 Golf/Golf Plus

- 2 eGolf 2011-
- 3 Golf Cabriolet 2011-
- 4 Golf Wagon 2010-USA/Canada only

1 Whole System Search 2 Individual System Search

3 Quick Service

5. Select Common system-> ABS



6. Select Read Fault Code (Please check ABS type from Vehicle Information page)



7. Steering Angle Sensor(G85) fault -> Select Login ECU

13	14
1/1 ID: 30A - 03	CAN system - 03
	1 System Information 2 Read Fault Code 3 Clear Fault Code



8. Please enter login number: 40168



9. After login OK -> Select Basic Setting

17	18
Login ECU - 03	CAN system - 03
Login OK. Press EXIT to continue	1 System Information 2 Read Fault Code 3 Clear Fault Code 4 Data Stream 5 Activation 6 Adaptation 7 Coding / Software Download 10 Basic Setting 11 Login ECU

10. Basic Setting -> enter block number: 060

19	20
Basic Setting - 03	Basic Setting - 03
Block number: ・・・ (0-255)	Block number: 060 (0-255)
ENTER: Confirm input	ENTER: Confirm input





B. Sensor for Lateral Acceleration (G200) Calibration

- (1) When to perform Sensor for Lateral Acceleration Calibration
 - 1. The lateral acceleration sensor has been replaced.
 - 2. The ABS ECU has been replaced.
 - 3. The lateral acceleration sensor has been removed to perform any other repair on the vehicle.

(2) Prerequisites:

1. System voltage should be at least 12V.

How to perform this function utilizing iScan-II wt:

1. Select Vehicle Diagnostic -> EUROPEAN

1		2
Main Menu	•	Vehicle Diagnostic
 1 Vehicle Diagnostic 2 Component Test System (External Modules) 3 IMS2(Interface Module Simulation System) 80 OBD- II Standard Complian Diagnostics 82 DOL Mode (Diagnostic On-) nt Line)	1 AMERICAN 2 EUROPEAN 3 ASIAN

2. Select VW AUDI SEAT SKODA



3. Select VOLKSWAGEN -> Golf series



4. Select Golf/Golf Plus->Individual System Search

7	8
Type selection	Function Select
1 Golf/Golf Plus 2 eGolf 2011- 3 Golf Cabriolet 2011- 4 Golf Wagon 2010-USA/Canada only	1 Whole System Search 2 Individual System Search 3 Quick Service



6. Select Read Fault Code

(Please check ABS type from Vehicle Information page)



7. Lateral acceleration sensor (G200) fault -> Select Login ECU

13	14
1/1 ID: 58F - 03	CAN system - 03
01423 Lateral Acceleration Sensor (G200)	1 System Information 2 Read Fault Code 3 Clear Fault Code 4 Data Stream 5 Activation 6 Adaptation 7 Coding / Software Download 10 Basic Setting 11 Login ECU



9. After login OK -> Select Basic Setting



10. Basic Setting -> enter block number: 063

19	20
Basic Setting - 03	Basic Setting - 03
Block number : • • • (0-255) ENTER: Confirm input	Block number:063 (0-255) ENTER: Confirm input

11. Once the Item 2 says "OK", the base setting is complete.



C. Brake Pressure Sensor 1 (G201) Calibration

- (1) When to perform Brake Pressure Sensor 1 Calibration
 - 1. The Brake Pressure sensor has been replaced.
 - 2. The ABS ECU has been replaced.
 - 3. The Brake Pressure sensor has been removed to perform any other repair on the vehicle.

(2) Prerequisites:

1. System voltage should be at least 12V.

How to perform this function utilizing iScan-II wt:

1. Select Vehicle Diagnostic -> EUROPEAN

	2
Main Menu 🔶	Vehicle Diagnostic
 1 Vehicle Diagnostic 2 Component Test System (External Modules) 3 IMS2(Interface Module Simulation System) 80 OBD- II Standard Compliant Diagnostics 82 DOL Mode (Diagnostic On-Line) 	1 AMERICAN 2 EUROPEAN 3 ASIAN

2. Select VW AUDI SEAT SKODA





3. Select VOLKSWAGEN -> Golf series

5	6
VASS	Type selection
	1 Amarok
	2 Beetle/New Beetle
1 VOLKSWAGEN	3 Bore
2 AUDI	4 Caddy
3 SEAT	5 Crafter
4 SKODA	6 Eos
5 Bentley	7 Fox/SpaceFox
	8 Gol
	9 Golf series
	10 Jetta
	11 Kombi 1997-
	12 Lupo

4. Select Golf/Golf Plus->Individual System Search

2	8
Type selection	Function Select
1 Golf/Golf Plus 2 eGolf 2011- 3 Golf Cabriolet 2011- 4 Golf Wagon 2010-USA/Canada only	1 Whole System Search 2 Individual System Search 3 Quick Service

5. Select Common system-> ABS



1 Common system

- 2 Power transmission system
- 3 Chassis system
- 4 Body system
- **5** Comfort and Convenient system
- 6 Electronic system 1
- 7 Electronic system 2

3 (03) ABS

- 4 (08) A/C heater electronics
- 5 (09) Electronic central electrics
- 6 (15) Airbags
- 7 (16) Steering wheel electronics
- 8 (17) Dash panel insert <u>9 (19) Data Bus</u> On Board
- Diagnostic Interface
- 10 (25) Immobilizer
- 11 (35) Central locking
- 12 (37) Navigation

6. Select Read Fault Code

(Please check ABS type from Vehicle Information page)



7. Beake pressure sensor fault -> Select Login ECU



8. Please enter login number: 40168





9. After login OK -> Select Basic Setting



10. Basic Setting -> enter block number: 066



11. Once the Item 2 says "OK", the base setting is complete.





D. Sensor for Longitudinal Acceleration (G251) Calibration

(1) When to perform Sensor for Longitudinl Acceleration Calibration

- 1. The longitudinal acceleration sensor has been replaced.
- 2. The ABS ECU has been replaced.
- 3. The longitudinal acceleration sensor has been removed to perform any repair on the vehicle.

(2) Prerequisites:

1. System voltage should be at least 12V.

How to perform this function utilizing iScan-II wt:

1. Select Vehicle Diagnostic -> EUROPEAN



2. Select VW AUDI SEAT SKODA







4. Select Golf/Golf Plus->Individual System Search

7	8
Type selection	Function Select
1 Golf/Golf Plus 2 eGolf 2011- 3 Golf Cabriolet 2011- 4 Golf Wagon 2010-USA/Canada only	1 Whole System Search 2 Individual System Search 3 Quick Service

5. Select Common system-> ABS





2 Read Fault Code

3 Clear Fault Code

7 Coding / Software Download

4 Data Stream

5 Activation

6 Adaptation

10 Basic Setting <u>11 L</u>ogin ECU

7. Longitudinal acceleration sensor fault -> Select Login ECU

ESP FRONT MK60

1K0907379A

0101

4738

1279



8. Please enter login number: 40168

ECU Type

Extend

Coding

Part Number

Dealer Number

Press ENTER to continue



9. After login OK -> Select Basic Setting



10. Basic Setting -> enter block number: 069



11. Once the Item 2 says "OK", the base setting is complete.



ABS type : MK70

Models: A3 、 Caddy 、 Eos 、 Golf 、 Jetta 、 Bora 、 Passat 、 Tiguan 、 Touran

A. Sensor for Steering Angle (G85) Calibration

(1) When to perform Sensor for Steering Angle Calibration:

- 1. The steering angle sensor has been replaced.
- 2. The ABS ECU has been replaced.
- 3. The steering angle sensor has been removed to perform any repair on the vehicle.

(2) Prerequisites (before calibration):

- 1. Start the vehicle.
- 2. Turn the steering wheel one turn to the left and one turn to the right.
- 3. Drive in a speed not higher than 20 km/h and turn steering wheel completely to the left and right 3 times each.
- 4. Stop the vehicle on a level surface with the wheels pointed straight.
- 5. Keep the engine running and do not switch off the ignition.
- 6. System voltage should be at least 12V.

How to perform this function utilizing iScan-II wt:

1. Select Vehicle Diagnostic -> EUROPEAN

1		2
Main Menu	•	Vehicle Diagnostic
 1 Vehicle Diagnostic 2 Component Test System (External Modules) 3 IMS2(Interface Module Simulation System 80 OBD- II Standard Complian Diagnostics 82 DOL Mode (Diagnostic On-) nt Line)	1 AMERICAN 2 EUROPEAN 3 ASIAN

2. Select VW AUDI SEAT SKODA



3. Select VOLKSWAGEN -> Golf series



4. Select Golf/Golf Plus->Individual System Search

7	8
Type selection	Function Select
1 Golf/Golf Plus 2 eGolf 2011- 3 Golf Cabriolet 2011- 4 Golf Wagon 2010-USA/Canada only	1 Whole System Search 2 Individual System Search 3 Quick Service

5. Select Chassis system-> Steering assistance (For ABS type MK70, please select 44. Steering assistance for Steering Angle Sensor Calibration)

9	10
Select system	Chassis system
1 Common system 2 Power transmission system 3 Chassis system 4 Body system 5 Comfort and Convenient system 6 Electronic system 1	1 (03) Brakes electronics 2 (13) Distance regulation 3 (23) Brake booster 4 (43) Brake booster assistance 5 (53) Parking brake 6 (04) Steering angle 7 (14) Wheel dampening



7. Steering Angle Sensor(G85) fault -> Select Login ECU



8. Please enter login number: 40168





10. Basic Setting -> enter block number: 060



11. Once the Item 2 says "OK", the base setting is complete.



12. Read fault code after basic setting successful.

The Steering Limit Stop needs to be adapted if there is fault.



13. Steering Limit Stop Adaptation

- a. Start the engine, Center steering wheel and hold it centered for 5 seconds.
- b. Turn steering wheel completely to the left and hold it for 2 seconds.
- c. Turn steering wheel completely to the right and hold it for 2 seconds.
- d. Center steering wheel.
- e. Switch Engine OFF and ignition ON. Wait 5 seconds and Steering Assist Warning Lamp should turn OFF.

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