

Audi B9 (A/S4, A/S5, RS5) Coding

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Preface / Disclaimer:

The initial information provided in this document was originally collected by “-=Hot|Ice=-” and posted to the Audi World forums ([Link](#)). All credit goes to “-=Hot|Ice=-”. I created this Google Doc to make for easier viewing and future updates by members of the Audi community.

It should go without saying that the use of this information is **at your own risk** and you take full responsibility if anything should happen while using the information provided below. If you don't know what those risks might be or what you're doing, I would highly recommend posting your questions to the forums (www.Audiworld.com) first before you dive in.

Devices:

OBDeleven: By Voltas IT, LLC

- Website: <https://obdeleven.com/>

VCDS / VAG-Com: By Ross-Tech

- Website: <http://www.ross-tech.com/vag-com/>
- NOTE: The codings below are aimed at the OBD Eleven device but you should be able to use VCDS to make the changes also.

Update Instructions:

If you find any errors or other missing information with an existing coding, just update the existing coding in place with the updated / new information.

If you found / have a new coding that you would like to add and share with everyone else. Just cut-n-paste the below template to the bottom of the list and update it with the information for your new coding. Thank you for your addition.

Template: New Coding General Description

Description: More detailed description as to what this coding does

- ODBeleven / VCDS coding Step 1
- Step 2 ... etc..

Codings:

Lock with Ignition On

Description:

- 46-Central Module Comfort System
- Long Coding
- Change central_locking_system_lock_unlock_at_engine_runing to active
- Press and hold green check mark to accept

Interior Lighting Behavior

Description: Which interior lights turn on when opening the door. By default, only the light on the side with the door open turns on.

- 46-Central Module Comfort System
- Long Coding
- Change light_scenario to not_active
- Press and hold green check mark to accept

Key-fob Range Limitation

Description: Extend the range of the key fob

- 46-Central Module Comfort System
- Long Coding
- Change range_limitation_lock, range_limitation_rear, range_limitation_opening, range_limitation_panic, and central_locking_system_request_for_range_function to Not Active
- Press and hold green check mark to accept

Increase Range of Comfort Window Open/Close with Key

Description:

- 46-Central Module Comfort System
- Long Coding
- "comfort_operation_range_limitation"
- Change from "active" to "not active"
- Press and hold green check mark to accept

(Disable?) Automatic Unlock After P

Description: This looks like it will disable auto-unlock after P

- 46-Central Module Comfort System
- Long Coding
- Automatic_unlock change to “Not Active”
- Automatic_unlock_nar change to “Not Active”
- Press and hold green check mark to accept

Parking Assist Speed Threshold

Description: Set speed at which parking assist will turn automatically turn off

- 09-Central Electrics
- Adaptation
- “Switch off speed for parking assist” Default value is 5. Change to a max of 20. In mph.
- Press and hold green check mark to accept

Low-beam with high-beams

Description: Low beams stay on when high beams active.

- 09-Central Electrics
- Long Coding
- Change low_at_flash from “not_active” to “active”
- Press and hold green check mark to accept

Easy Entry

Description: Moves the seat back to help enter and exit the vehicle

- Seat Adjustment Drivers Side (36)
- Long Coding
- Change Easy_Entry_front to Active
- Press and hold green check mark to accept
- “Store settings on remote control key” must be selected in the MMI Driver's Seat settings page

Additional coding:

- 09 Central Electrics
- Byte 14, bit 2 change from 0 to 1

and

- 36-Seat Adjust Drivers Side
- Byte 14, bit 2 change from 0 to 1

Automatic Parking Brake when turning off Car

Description: Engages the parking brake when you turn off the car

- 03-Brakes
- Adaptation
- Automatic Parking Brake
- Change From Not Active to Active
- Press and hold green check mark to accept
- Security code: 40168

Double beep when unlocking doors

Description: Enable audible double beep when unlocking the car

- 46-Central Module Comfort System
- Adaptation
- Scroll down and find channel_sounder_settings then beetime_opening_central_locking
- change from "no_beep" to "double_beep",-kk,,,
- Press and hold green check mark to accept

ALSO CHANGE

- 46-Central Module Comfort System
- Adaptation
- Central Locking System
- Beep at open
- Set to “On”. Click and hold green check mark to accept.

Enable ACC default distance in MMI

Description: Enable the option in the MMI to set the default distance for AAC

- Adaptive Cruise Control
- Adaptation
- Select "Distance basic setting option"
- Select "On" from New value drop down

- Press and hold green check mark to accept
- Turn car off then on without starting

Handbrake up, DRL Off

Description: When the e-Brake is on, the DRL's are off

- 09-Central Electrics
- Long Coding
- DRL brake
- Set from “not active” to “active”
- Press and hold green check mark to accept

Start/Stop via AC

Description:

- 08-Air Conditioning/Module
- Adaptation
- A/C comfort param for start/stop function
- Old value: 5, New value: 0
- Press and hold green check mark to accept

Air Recirculation Memory

Description: This will enable the retention of the “Recirculation” setting. If you have it turned on, it will remain on next time you start the car. It is worth mentioning that your Audi has auto recirculation in the MMI, and when enabled, will NOT light the recirculation light when in use.

- 08-Air Conditioning
- Long Code
- Store recirculation air setting for terminal 15 off
- Change from “Do not store” to “Save”
- Press and hold green check mark to accept

Changing Comfort Turn Signal Count

Description: This will change the number of times the blinker flashes when lightly pressing down on the turn signal stalk. By default, it blinks 3 times.

- 46-Central Module Comfort System
- Adaptation
- Turn signal control
- “Freeway flashing, flashing cycles” default value is 3. Set new value up to 5.
- Press and hold green check mark to accept

Turn on Auto High Beams for Premium Plus Cars

Description: This enables the high beams to turn on automatically depending on traffic conditions.

- Central Electronics (09) → Long Coding → high_beam_functions → Set to 'head_light_assistant'
- Front Sensor Driver Assistance System (A5) → Long Coding -> AFS_coding_Light_Assist → Set to 'High_Beam_Assist'
- Central Electronics (09) → LongCoding → Set mmi fla_glw_mxb to 'active'

Increase Delay for Driver Inactivity for Lane Assist

Description: Increases the delay before you get the alert saying that you need to be steering when using lane assist.

- Front Sensors Driver Assistance System (A5)
- Adaptation
- Directional stabilization assist driver intact deactiv threshold

- Default value: Medium, New Value: late

Lock with Ignition On

Description: Lock doors when the ignition is on

- 46-Central Module Comfort System
- Long Coding
- Change central_locking_system_lock_unlock_at_engine_runin g to active
- Press and hold green check mark to accept

Adjust volume of the Soundaktuator

Description: Volume adjustment for the Soundaktor engine inside the car.

- Structure Borne Sound (A9)
- Adaptation 10
- At Channel drop down choose "Volume of structure borne noise actuator" (only choice)
- Enter a value in the proper box (0% = mute)

Fold mirrors via key fob

Description: Mirrors will fold when when pressing the lock button on the key fob a second time or long pressing the lock button. Pressing the lock button once will lock the car but not fold the mirrors.

- Central Module Comfort System (46)
- Coding TXT
- Set "mirror_retraction_at_comfort_close" to Active (120)
- Start coding / Click Do It
- NOTE: Untick fold mirrors in MMI after coding

Increase time required to open trunk lid with remote key

Description: How long you have to press the open trunk button in the key fob before it opens. Might prevent accidental opening if the fob is in your pants.

- Central Convenience (46)
- Adaptation 10
- Scroll down and find channel "Time for opening rear lid with remote control"
- Load Stored Value (should be 800 ms)
- Enter new value in "ms". Example: 2000, Max: 5000
- Click Do It

Welcome sound

Description: It plays a sound during the startup of the MMI

- Unit 5F

- search: "Vehicle configuration-vehicle_readiness_sound"
- Press and hold green check mark to save.

MMI/MIB2 button combinations

Description: button combinations for System reset, Engineering menu, Screenshot

Button combinations for service personnel

System reset

To restart (reset) the system, briefly press the following combination of buttons simultaneously:

- ▶ NAV/MAP (or CAR)
- ▶ Turn-push button
- ▶ RADIO



Button combination for system reset

647_045

Engineering menu

To access the Engineering menu, press the following buttons in succession and hold them down:

- ▶ NAV/MAP (or CAR)
- ▶ MEDIA



Button combination for the Engineering menu

647_046

Screenshot

When a screenshot is taken, only the image transmitted from J794 is saved. The image is saved to the internal memory of the information electronics control unit 1 J794. To save a screenshot, press the following buttons in succession and hold them down:

- ▶ NAV/MAP (or CAR)
- ▶ Turn-push button

The display on the MMI monitor flashes briefly to indicate that the screenshot has been saved. In total, up to 50 screenshots can be stored in J794. When the 51st screenshot is saved, the 1st screenshot is deleted.

The saved screenshots can then be copied from J794 to an SD card using the diagnostic tester. The procedure is as follows:

- ▶ Insert a blank SD card into the left SD card reader (SD1).
- ▶ Select "SF - Basic setting" in the Guided Functions.
- ▶ Start the "Write analysis data to SD card" routine.



Enable MMI green menu

Description: Hidden green menu of MMI/MIB2

- Unit 5F
- LOGIN: S12345
- Adaptation (10)
- search: "Entwicklermodus"
- Press and hold green check mark to save.
- Reset MMI
- Access green menu:

Button combinations for service personnel

briefly press the following combination of buttons simultaneously:

- ▶ NAV/MAP (or CAR)
- ▶ RADIO

Hidden menu



647_045

Euro Parking Lights

Description: Enable parking lights on the left / right side with signal stalk when vehicle is off.

Long Coding		
17 – Dash Board		
Coding	Default Value	New Value
parking_light_config	not_active	single_side_parking_light

High Beam Assist

Description: Enable auto high beam assist. Activate by pushing headlight stalk forward. Headlights must be in AUTO.

Long Coding		
09 – Central Electrics		
Coding	Default Value	New Value
high_beam_functions	not_active	head_light_assistant
mmi_flg_glw_mxb	not_active	active
A5 – Front Sensors Driver Assistance System		
Coding	Default Value	New Value
AFS_coding_Light_Assist	no_Light_Assist	High_Beam_Assist

Double Beep at Unlock

Description: Beep twice when unlocking car. Default is no beep.

Adaptation		
46 – Central Module Comfort System		
Adaptation	Default Value	New Value
beetime_opening_central_locking	no_beep	double_beep
beep_at_opening	Off	On

Disable Seat Belt Chime

Description: Disable seat belt chime but retain visual seat belt warning. Default is chime and visual warning.

Long Coding		
17 – Dash Board		
Coding	Default Value	New Value
Seat belt warning	Version 2	Version 1

Audi Active Lane Assist

Description: Enable Audi active lane keep assist for vehicles without Driver Assistance Package (e.g. Premium Plus).

Long Coding		
A5 – Front Sensors Driver Assistance System		
Coding	Default Value	New Value
HC	Not coded	Coded
EFP	Not coded	Coded
17 – Dashboard		
Coding	Default Value	New Value
Lane assistant	No	Yes
Lane change assistance	Yes	Yes
09 – Central Electrics		
Coding	Default Value	New Value
heading_control_config	no_heading_control	heading_control
44 – Steering Assistance		
Coding	Default Value	New Value
heading_control_assistant	not_active	active
Adaptations		
5F – Information Electronics		
Adaptations	Default Value	New Value
Car_Function_Adaptions_Gen2 ----> Menu_display_Lane_Departure_Warning	Not activated	activated
Car_Function_Adaptions_Gen2 ----> Menu_display_Lane_Departure_Warning_over_threshold_high	Not activated	activated
Car_Function_List_BAP_Gen2 ----> LDW_HCA_0x19	Not activated	activated
Car_Function_List_BAP_Gen2 ----> LDW_HCA_0x19_msg_bus	Not activated	Terminal 15
A5 – Front Sensors Driver Assistance System		

Adaptations	Default Value	New Value
BAP personalization	activated	Not activated
Personalization of lane dept. warning Cl. 15 on	Last setting	Last setting
System mode, lane depart. warn,	Selection via menu	Selection via menu
Switch-on condition, lane depart. warn.	Selection via menu	on
Directional stabilization assist driver inact deactiv threshold	Medium	late