



Mounting instruction for ABT AEC MLB Audi Q5 DETA, DAXB

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1 Hints

Mounting instruction for ABT AEC MLB Audi Q5 DETA, DAXB

Vehicles: Audi Q5 2,0 TDI

Assembly time: approx. 60 minutes

Attention: To guarantee optimal function and security of the ABT AEC it is necessary to thoroughly read through the assembly instructions prior to work and to operate the installation as described.

Important steps to take before assembling the ABT AEC:

Before starting the installation, the error memory of the vehicle in which the AEC will be installed has to be read out.

In case of an error log entry:

- Please follow the manufacturer's instructions to resolve errors.
- After the rectification it is necessary to once again take a test drive of minimum 30 km.

Install the ABT AEC only into vehicles which are error-free at the time of installation.

2 Information about electrical consumption

Power upgrades provided by an AEC increase the electrical consumption of a vehicle. An additional current flows. Besides this, the total current is depending on the car type, the additional equipment or similar. In particular cases, a considerable higher power consumption is possible.

The total power consumption determines how often a vehicle can be started without recharging the battery. Furthermore, it depends on the age and charging condition of the battery as well as on the outside temperature. For vehicles which are used sporadically, it is generally recommended to recharge the battery periodically. Thus the battery's durability can be prolonged.






In case the vehicle is not in use for longer than one week, we recommend to replace the AEC with a bridge adapter. In doing so, an additional power consumption is prevented. Due to the adapter, the vehicle remains ready to start and is in its original state.



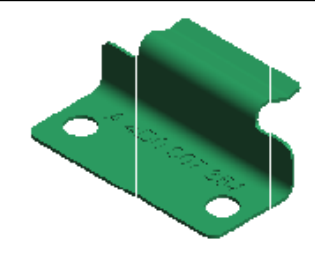
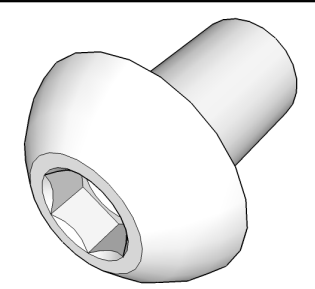

This bridge adapter can be purchased separately.




While staying abroad in areas where fuel quality is rather bad, we recommend to use the bridge adapter.

3 Scope of delivery

Please check the completeness of delivery before starting the installation. In case the delivery is incomplete, please contact ABT Sportsline GmbH.

Quantity	Picture	Description
1		ABT Engine Control
1		Wiring harness
1		"ABT Power" sticker
1		"ABT Information" sticker
1		ABT service book

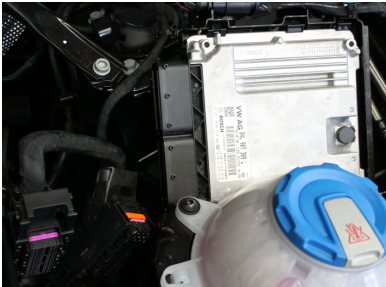
Quantity	Picture	Description
1		"98 ROZ Super Plus" sticker (only gasoline engine)
5		Cable ties
1		Retaining clips 12 mm
2		Lens head screw M5 x 6
1		Plastic nuts

Quantity	Picture	Description
2		Spring ring M5
2		Washer M5
1		AEC bracket

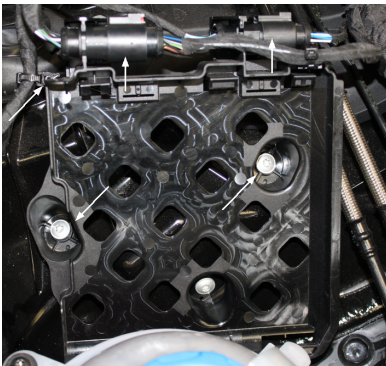
4 Preparations at the vehicle

Ignition OFF!

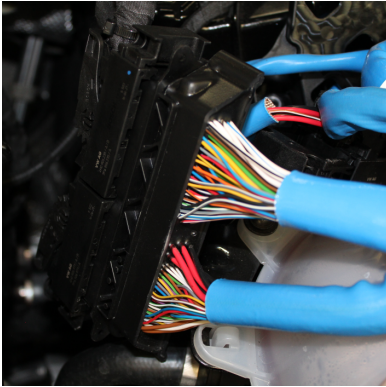
Disconnect the coverage for the water box according to manufacturer's instructions.



Disconnect the wiring harness from the ECU.



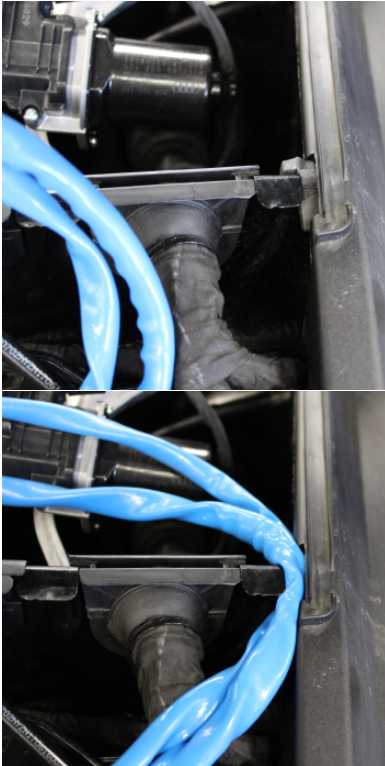
Disconnect the ECU. Unscrew both screws and disconnect both connectors. Uncovering the wiring harness.



Connect the male multipoint connector from the AEC wiring harness with the plugs from the standard wiring harness.



Lay the AEC wiring harness under the ECU-standard bracket. After that both screws mount for the ECU-standard bracket and connect both plug connections. Disconnect foam (arrow).



Route the AEC wiring harness through the gap and lay it under the strut towards of the ventilation grille.

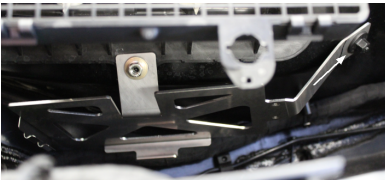


Connect the AEC wiring harness on the ECU and mount it in the standard bracket. Fix the male multipoint connector with the cable tie.

5 AEC Assembly



Disconnect the air quality sensor from the bracket and unscrew the nut which is marked.



Fix the AEC bracket with the plastic nut (arrow) and the previously removed nut at the two anchoring points.

6 AEC Installation



Fix the AEC with the supplied retaining clip, washers, spring rings and screws on the AEC bracket.

Hint: The AEC can be fixed before installation from the bracket on the bracket.



Connect the AEC with the plugs from the AEC wiring harness which are marked with "AEC".



Fix the AEC wiring harness and the male multipoint connector with the cable tie.

Mount all standard parts according to manufacturer's instructions.

7 Completion

Read out the error memory and delete if necessary.

Start the engine and take a test drive.

Attach the sticker "ABT Power" to the engine cover an sticker "ABT Information" on the lock carrier.

Only gasoline engines: Apply the sticker "98 ROZ Super Plus" in the fuel filler flap.

Hint: The AEC can be left built in for manufacturer service updates.
The communication with the tester is not affected by the AEC.

If the MIL-lamp and the EPC-lamp is blinking by turns, there is an error in the ABT AEC. Then please contact ABT Sportsline GmbH.

8 Overall view



9 Warning lamps



Malfunktion Indicator Lamp (MIL)



Electronic Power Control (EPC)



Control lamp "Preheat"

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