



Assembly instructions

ABT AEC for MLB

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1 Hints

Assembly instructions ABT AEC for MLB

Vehicles: Audi A4 2,0 TFSI / 2,0 TDI

Assembly time: approx. 45 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.

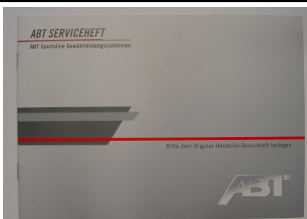


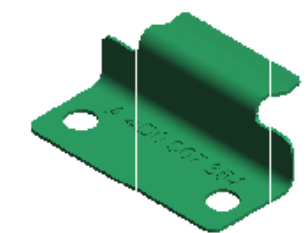
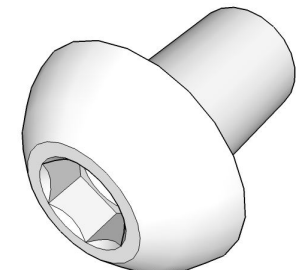
This bridge adapter can be purchased separately.





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

Quantity	Picture	Description
1		ABT service book
1		"98 ROZ Super Plus" sticker (gas engine only)
5		Cable tie
1		Retaining clip 12 mm
2		Lens head screw M5 x 6

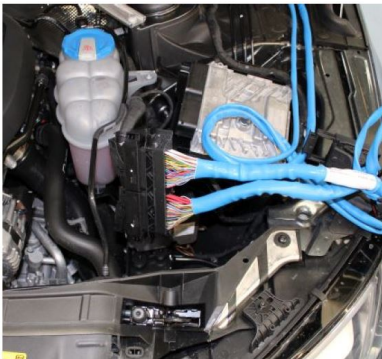
Quantity	Picture	Description
1		Plastic washer nut
2		Spring ring M5
2		Washer M5
1		AEC bracket

4 Preparations at the vehicle

Remove plenum chamber cover to the manufacturer's specifications.



Disconnect and remove the serial control unit.



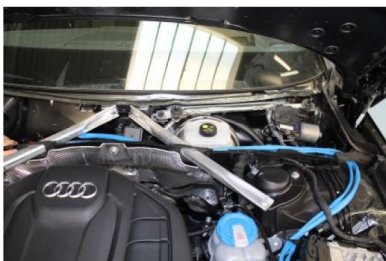
Connect the male connector of the AEC harness with the plug of the series harness.



Take the plug of the AEC harness to the engine control.



Embarass the plugs of the AEC harness which are marked with "AEC" in the direction of the cistern.

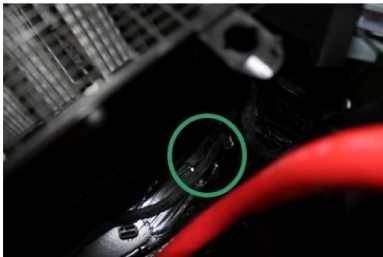


Take the AEC harness under the strut bar in the direction of the ventilation grille.

5 AEC Assembly



Take the air quality sensor out of the holder and screw off the marked nut. The AEC bracket gets mounded here.



Remove the cable bracket from the bolt. The AEC bracket gets fixed here.



Fix the AEC bracket with the plastic washer nut and the previously removed nut on the two anchorage points.

6 AEC Installation



Fix the AEC with the supplied retaining clip, washer, spring ring and screws at the AEC bracket.

Hint: The AEC can be fixed at the bracket before it gets mounted.



Connect the plugs of the AEC harness that are marked with "AEC" to the AEC.



Fix the AEC harness and the male connector with the cable ties.

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 and a 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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