



**Mounting Instructions**  
**ABT AEC MQB**  
**AZ8S0911000**

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## 1 Hints

Mounting Instructions ABT AEC MQB  
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Vehicles: Audi TT\_8S0, VW Passat with battery  
in trunk, VW Arteon

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.


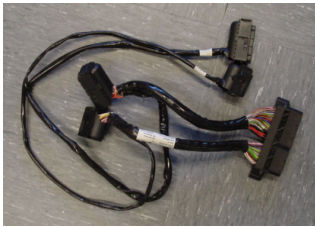



In case the vehicle is not in use for longer than one week, we recommend to replace the AEC with a bridge adapter. In doing so, an additional power consumption is prevented. Due to the adapter, the vehicle remains ready to start and is in its original state.

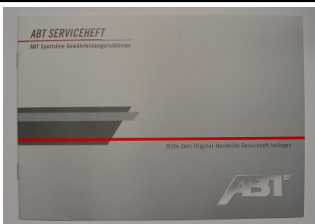

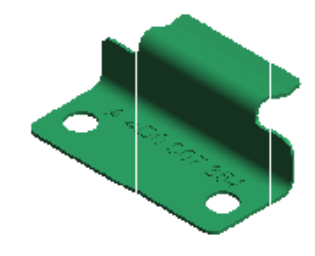
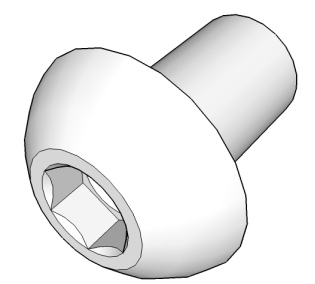
This bridge adapter can be purchased separately.

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		AEC bracket
1		"ABT Power" sticker
1		"ABT Information" sticker

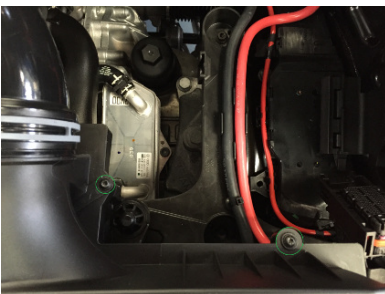
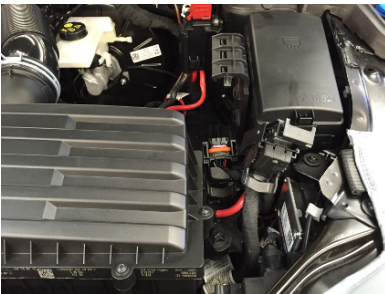
Quantity	Picture	Description
1	 The image shows the cover of an ABT service book. The cover is dark grey with the text 'ABT SERVICEHEFT' at the top, followed by 'ABT Sportline Ersatzteilverzeichnis' in smaller text. Below this is a red horizontal line and the text 'Bitte zum Original-Header Serviceheft bringen'. The ABT logo is visible in the bottom right corner.	ABT service book
1	 The image shows a yellow rectangular sticker with a black border. The text on the sticker reads '98 ROZ/RON' in bold, followed by 'Super Plus' and 'bleifrei/ unleaded' in a smaller font.	"98 ROZ Super Plus" sticker (only gasoline engines)
2	 The image shows a green plastic holding clamp. It has a flat base with two circular holes and a vertical flange on one side. The text 'L 100-007-001' is embossed on the base.	holding clamps 12 mm
4	 The image shows a silver-colored lens head screw. It has a wide, flat, circular head with a hexagonal recessed area in the center, and a short, cylindrical shaft.	lens head screws M5 x 6

Quantity	Picture	Description
4		spring rings M5

## 4 Preparations at the vehicle



Disconnect the wiring harness from the ECU and remove the ECU.



Remove the marked screws at the air filter box.

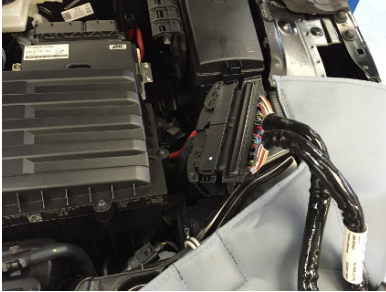
## 5 AEC Assembly



Fix the holding clamps with screws and spring rings M5 at the AEC bracket.

Put the AEC in the bracket.

## 6 AEC Installation



Connect the plug of the standard ECU with the multipole connector of the AEC wiring harness.



Connect the ECU plug of the AEC wiring harness with the standard ECU.  
Install the ECU again.



Fix the AEC bracket with the AEC at the air filter box.

Connect the wiring harness (yellow livery "AEC") with the AEC.



Alternatively the AEC wiring harness can also be laid under the air filter box.  
Remove the air filter box for that.



Overall view

## 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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