



Mounting instructions ABT AEC for MQB RS3

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1 Hints

Mounting instructions ABT AEC for MQB RS3

Vehicles: Audi RS3

Assembly time: approx. 30 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.


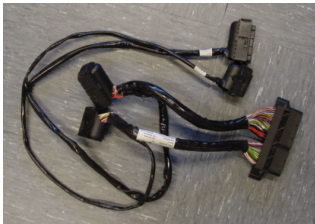



In case the vehicle is not in use for longer than one week, we recommend to replace the AEC with a bridge adapter. In doing so, an additional power consumption is prevented. Due to the adapter, the vehicle remains ready to start and is in its original state.

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 |

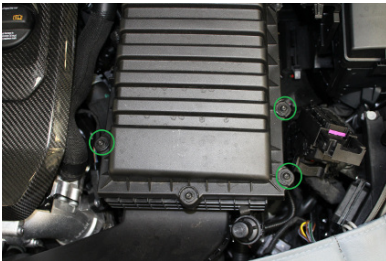
| Quantity | Picture | Description |
|----------|---------|--|
| 1 | | ABT service book |
| 1 | | "98 ROZ Super Plus" sticker (only gasoline engine) |
| 3 | | cable ties |
| 2 | | holding clamps 12 mm |
| 4 | | lens head screw M5 x 6 |

| Quantity | Picture | Description |
|----------|--|----------------|
| 4 |  A 3D rendering of a silver-colored metal spring ring, which is a split ring with a gap, used for clamping. | spring ring M5 |

4 Preparations at the vehicle



Disconnect and remove the ECU.



Remove the green marked screws from the air filter box.

5 AEC Assembly



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



Fix the bracket with the AEC at the air filter box. Use the previously removed screws.



Connect the multipole connector of the AEC wiring harness with the plugs of the standard wiring harness.



Connect the 154-pin plug of the AEC wiring harness with the standard ECU. Put the ECU in the bracket again.



Connect the yellow marked plugs of the AEC wiring harness with the AEC.

Fix the wiring harness with cable ties.

6 Completion

Read out the error memory and delete if necessary.

Start the engine and take a test drive.

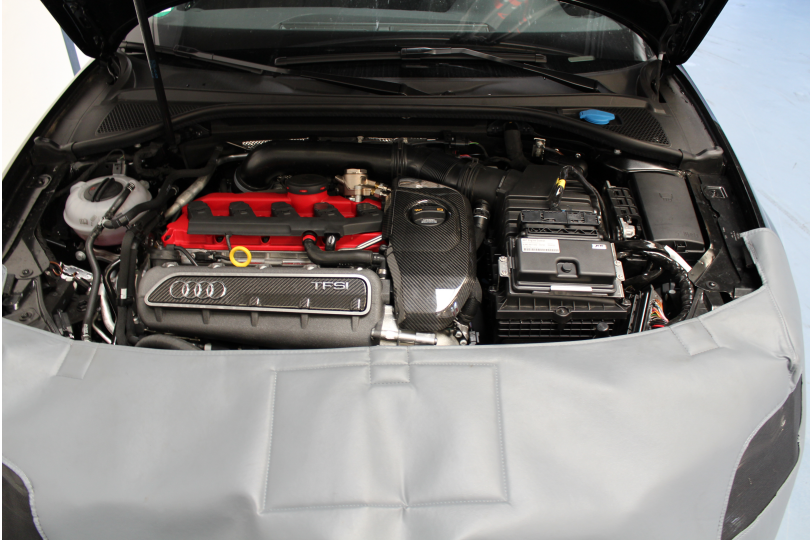
Attach the sticker "ABT Power" to the engine cover and a sticker "ABT Information" on the lock carrier.

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.

7 Overall view



8 Warning lamps



Malfunktion Indicator Lamp (MIL)



Electronic Power Control (EPC)



Control lamp "Preheat"

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