



Assembly Instructions

ABT-AEC for PQ25

- Audi S1

Assembly Instructions for ABT-AEC for PQ25 S1

Vehicles: Audi S1

Assembly time: approx. 60 min.

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

Error log entry:

- To repair possibly defects please operate according to the manufacturer's instructions.
- After the repair it is necessary to once again take a test drive of minimum 30 km.

It is only allowed to install the ABT AEC into vehicles which are error-free at the time of installation.



TABLE OF CONTENTS

1. INFORMATION ABOUT ELECTRICAL CONSUMPTION **FEHLER! TEXTMARKE NICHT DEFINIERT.**
2. SCOPE OF DELIVERY.....**FEHLER! TEXTMARKE NICHT DEFINIERT.**
3. PREPARATIONS AT THE VEHICLE **FEHLER! TEXTMARKE NICHT DEFINIERT.**
4. INSTALLATION OF AEC**FEHLER! TEXTMARKE NICHT DEFINIERT.**
5. COMPLETION**FEHLER! TEXTMARKE NICHT DEFINIERT.**
6. OVERALL VIEW**FEHLER! TEXTMARKE NICHT DEFINIERT.**
7. WARNING LAMPS..... 12



1. Information about electrical consumption

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

The total power consumption determines how long a vehicle can be started without recharging the battery. Furthermore, this time is depending on the age and charging condition of the battery as well as on the outside temperature.

For vehicles which are used only sporadically, it is generally recommended to recharge the battery periodically. Thus the battery's durability can be prolonged.


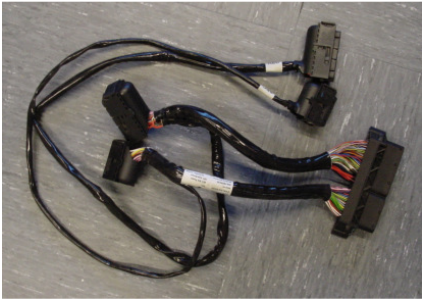


In case the vehicle is not in use for longer than one week, we recommend replacing the AEC with a bridge adapter. In doing so, the additional power consumption is prevented. Due to the adapter, the vehicle remains ready to start and is in its original state.




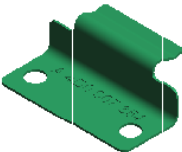


This bridge adapter can be obtained separately.

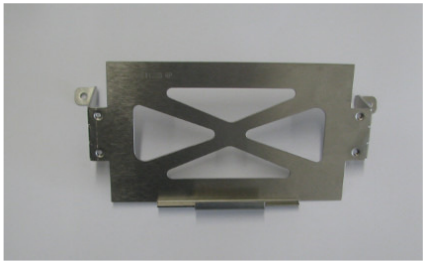
While staying in countries with bad fuel quality we also recommend the usage of the bridge adapter.

2. Scope of delivery

Please check for completeness of delivery before starting the installation. In case the delivery is incomplete, please contact our service team at ABT Sportsline.

Menge	Bild	Bezeichnung
1		ABT Engine Control
1		Wiring harness
1		ABT Power sticker
1		ABT information sticker

1	 <p>ABT SERVICEHEFT ABT Sportsline Gewährsangebotslinien Bitte dem Original-Hersteller Serviceheft beiliegen</p>	ABT service book
1	 <p>98 ROZ/ RON Super Plus bleifrei/ unleaded</p>	„98 ROZ Super Plus“ sticker
5		Cable ties
2		Retaining clips 12 mm
4		Screws M5 x 6
4		Lock washers M5

1	 A photograph of a metallic AEC bracket. The bracket is rectangular with a central 'X' shaped cutout. It has two mounting tabs on the left side and two on the right side, each with a small hole. A small rectangular tab is visible at the bottom center.	AEC bracket
---	--	-------------

3. Preparation of the vehicle



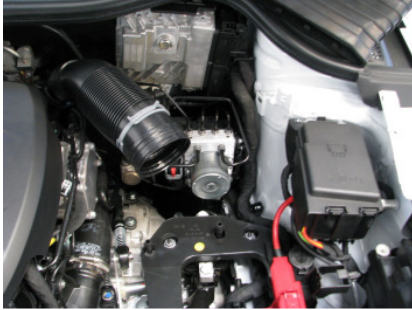
Remove the air filter housing.



Loosen the front two screws on the sides of the air filter box. Now lay the bracket over the cover and fix the air filter box again.

Screw the AEC to the with the retaining clips, screws and lock washers, included in delivery. If necessary assemble the remaining parts.

4. Installation of AEC



After the air filter has been removed the serial control unit must be detached and disconnected.

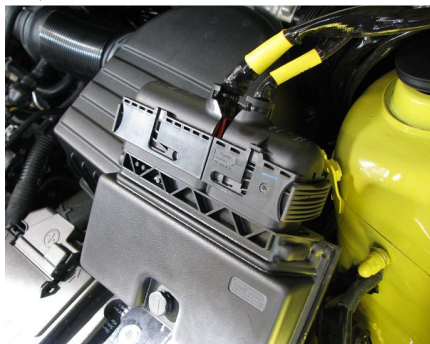


Now the serial wiring harness must be connected to the male multipoint connector of the Abt wiring harness.



Connect the serial control unit to the Abt wiring harness. Use the plugs equipped with a type plate. Then insert the unit again into the serial bracket.

Assembly Instructions
ABT-AEC
PQ 25



The AEC can now be connected to the plugs marked with "AEC".



Screw the AEC to the bracket by means of the retaining clips, screws and lock washers, included in delivery. If necessary assemble the remaining parts.

Important:

Make sure that no mechanic parts of the gearbox are disturbed!

Make sure that the cable do not rub against the metal flap.



5. Completion

Reinstall all serial parts in reverse order to the vehicle.

Read out the error memory and delete if necessary.

Start the engine.

Take a test drive.

Attach the sticker "Abt Power" to the engine cover and the information sticker to the lock carrier.

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

Hint:

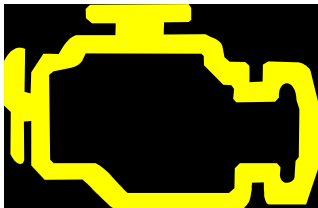
The AEC can be left built in for manufacturer service updates.
The communication with the tester is not affected by the AEC.

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

6. Overall view



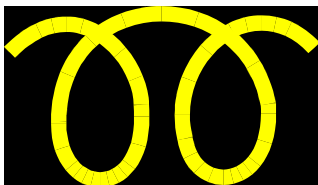
7. Warnlampen



Malfunktion Indicator Lamp (MIL)



Electronic Power Control (EPC)



Control lamp "Preheat"

ABT Sportsline GmbH
Johann-Abt-Str. 2
D-87437 Kempten / Allgäu
Tel.: +49 (0)831 / 5 71 40-0
Fax: +49 (0)831 / 7 26 66
info@abt-sportsline.de
www.abt-sportsline.de