



Assembly Instructions

ABT-AEC for PQ 25

- Audi A1
- VW Polo
- Skoda Fabia, Roomster
- Seat Ibiza

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Vehicles: Audi A1
VW Polo
Skoda Fabia
Skoda Roomster
Seat Ibiza

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

Vehicles with gasoline engine:

Precondition for the installation of the AEC in vehicles with engines CAV*, CAX* is the additional installation of the turbocharger set. See separate installation instructions.

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.....	5
2. SCOPE OF DELIVERY	6
3. PREPARATIONS AT THE VEHICLE.....	8
4. INSTALLATION OF AEC.....	10
5. COMPLETION	14
6. OVERALL VIEW	15
7. WARNING LAMPS	16

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.

Assembly Instructions
ABT-AEC
PQ 25

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.

ABT Engine Control



Wiring harness

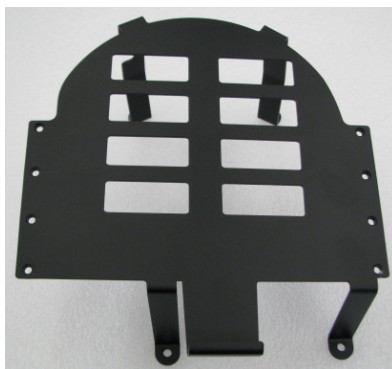


Assembly Instructions
ABT-AEC
PQ 25

Bracket and Accessories
Set

consisting of:

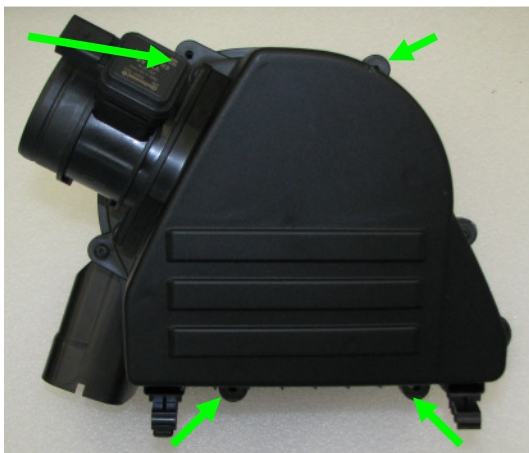
- 4 Screws M5 x 10
- 4 Lock washers M5
- 2 Retaining clips
- "98 ROZ Super Plus" sticker
- "ABT Power" sticker
- Abt service book
- Abt information sticker
- 2 Cable ties (without figure)
- Bracket



3. Preparations at the vehicle



Remove the air filter housing.



Loosen and remove the four indicated screw of the cover.

Assembly Instructions
ABT-AEC
PQ 25

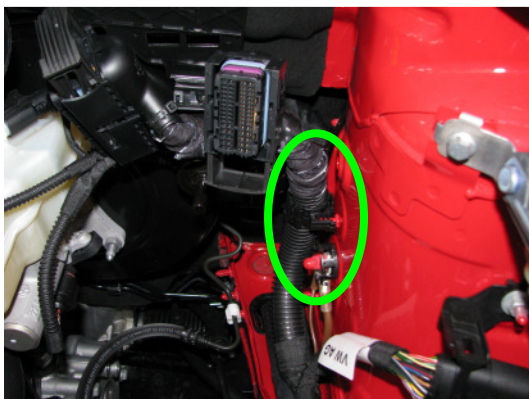


Now lay the bracket over the cover and attach it again.

4. Installation of AEC

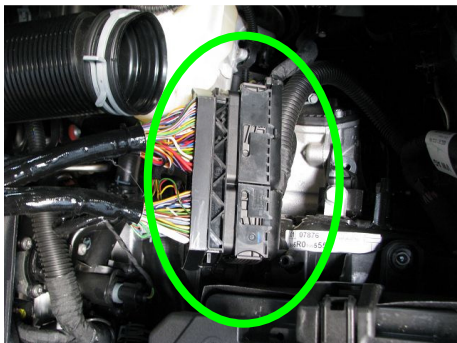


After the air filter has been removed the serial control unit must be detached and disconnected.



Hang out the serial wiring harness from its retainer.

Assembly Instructions
ABT-AEC
PQ 25

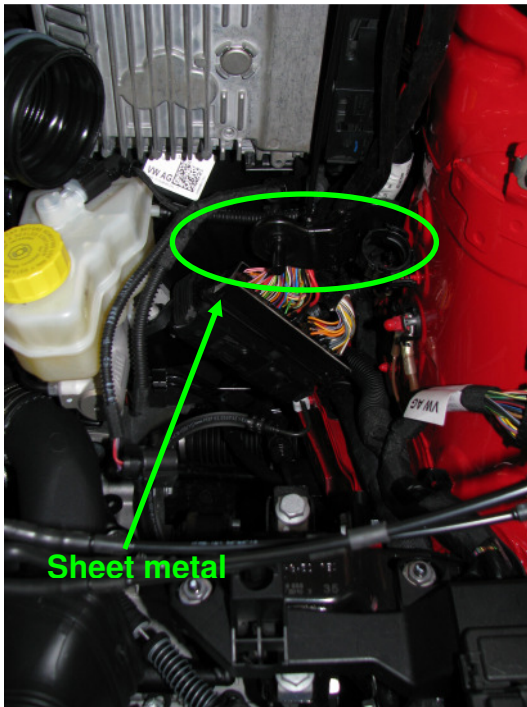


Now the serial wiring harness must be connected to the male multipoint connector of the Abt wiring harness.



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 male multipoint connector must be installed under the serial control unit. The mounting position is shown in the figure. The wires for the control unit must come off on the top and must run behind the sheet metal flap. Attach the male multipoint connector with cable ties.

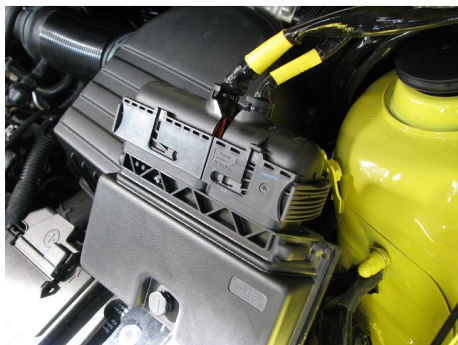
Important:

Make sure that no mechanic parts of the gearbox are disturbed! Make sure that the cable do not rub against the metal flap.

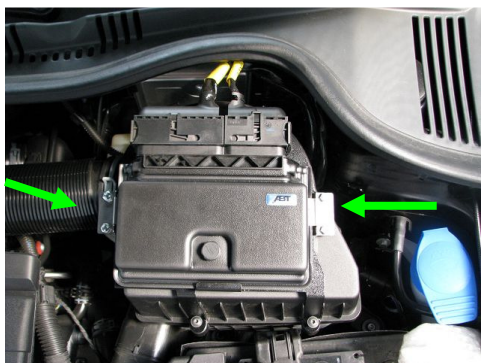


Now the air filter can be reinstalled. The wires of the AEC must run behind the air filter.

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.

Assembly Instructions
ABT-AEC
PQ 25

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 (gasoline engine with 98-octane Super Unleaded).

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.

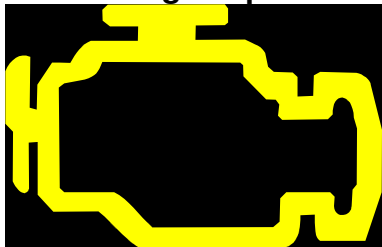
The communication with the tester is not affected by the AEC.

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



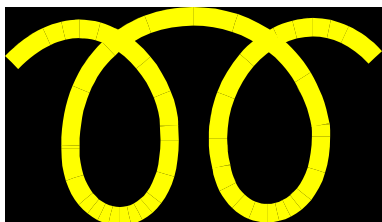
7. Warning lamps



Malfunction-Indicator-Lamp
(MIL)



Electronic Power Control (EPC)



Control lamp "Preheat"

Assembly Instructions
ABT-AEC
PQ 25

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