



Assembly Instructions

ABT-AEC for PL 64
Abolishment v_{\max}

- Audi A8



Assembly Instructions for

ABT-AEC for PL 64 Abolishment v_{\max}

Car model: Audi A8

Assembly time: approx. 90 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.



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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.

ABT Engine Control



Wiring harness



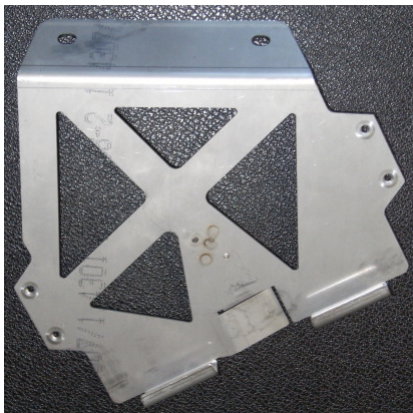
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Bracket and Accessories Set

consisting of:

- ABT information sticker
- ABT service book
- 2 Retaining clips
- 4 Lock washers
- 2 Screw nuts with corrugated disc M6
- 4 Screws M5
- 10 Cable ties (without figure)
- Bracket



3. Preparations at the vehicle



Remove the windscreen wipers, the engine hood seal and loosen the plastic cover beneath the front screen.



Remove the longitudinal strut on passenger's side. The front screws are under the plastic cover of the lock carrier.

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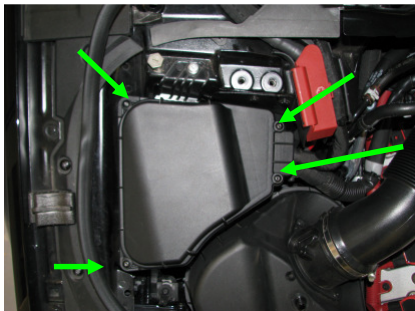


4. Assembly of AEC



Attach the AEC with clips, screws
and lock washers to the bracket.

5. Installation of AEC



Loosen the screws of the relay box and remove the cover.

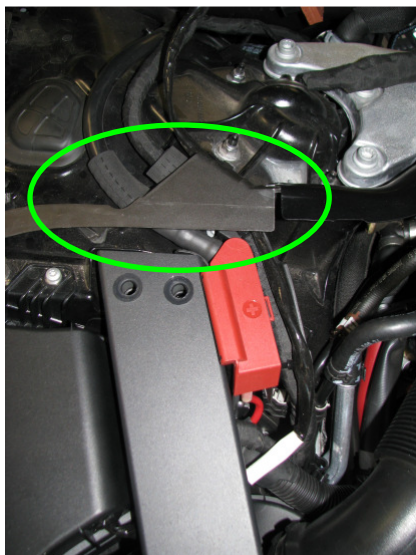


Disconnect the brown plug.

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Connect both brown plugs of the Abt wiring harness. Close the cover and screw it. Take care that no cables get pinched and the plugs do not get jammed.



Lift the marked cable entry and run the Abt cable through it.

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Attach the control unit bracket driver's side in front of the wiper motor to the existing bolt. Use the two M6 nuts. Take care that bracket clip is in the lug of the vehicle.

Connect the AEC. Run the cables as shown in the figure and fix it with cable ties. Tie excessive cable length at the AEC.





6. Completion

Reinstall all serial parts to the vehicle.

Read out the error memory and delete if necessary.

Start the engine.

Take a test drive.

Attach the information sticker to the lock carrier.

Hint:

The AEC can be left built in for manufacturer service updates.

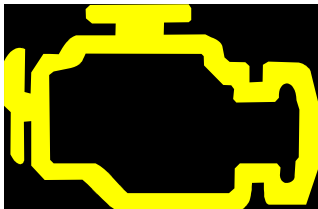
The communication with the tester is not affected by the AEC.

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

7. Overall view



8. Warning lamps



Malfunction-Indicator-Lamp (MIL)



Electronic Power Control (EPC)

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