



Assembly Instructions

ABT-AEC for T5

Version 01/29/2014



Assembly Instructions for

ABT-AEC for T5

Vehicle: all models of VW T5

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

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!



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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 if delivery is complete 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:

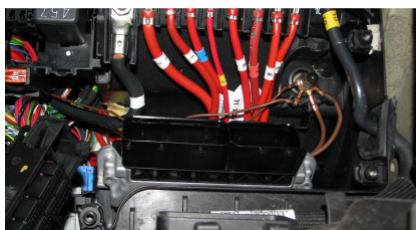
- ABT information sticker
- "ABT Power" sticker
- ABT service book
- 2 sheet-metal screws
- 2 spring rings M5
- Bracket



3. Preparations at the vehicle



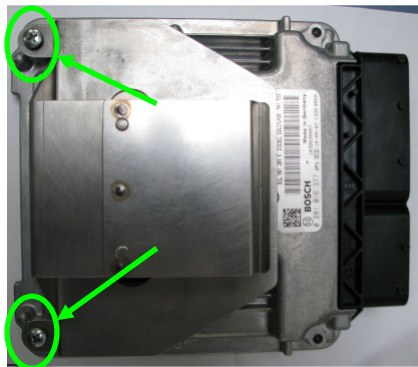
Open the E-box according to the user manual. For this the battery has to be removed.



Disconnect and remove the engine control unit.

If an additional control unit is mounted above the engine control unit, then it has also to be dismounted. An additional control unit is mounted in case of a start-stop-automation etc.

4. AEC assembly



Attach the bracket with screws and spring rings to the engine control unit.



5. AEC installation



Connect the engine control unit to the ABT wiring harness and insert it into the original site.



Connect the AEC to the wiring harness by using the plugs which are labeled with 'AEC'. Insert the AEC into the guiding as far as possible.



Connect to the ABT wiring harness to the original plugs. Stow the wiring harness in the E-box.

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In case an additional control unit is mounted in the vehicle, then remove the bracket of this control unit. Place this unit on the left side of the E-box.



Close and screw the E-box again.
Attention:
Take care that no cables get pinched.



6. Completion

Reinstall all serial parts to the vehicle.

Read out the error memory and delete it 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:

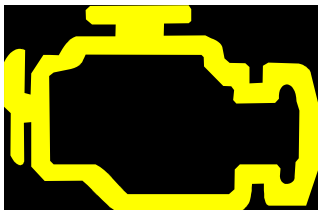
The AEC can be left built in for manufacturer service updates.
The communication with the tester is not affected by the AEC.

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

7. Overall view



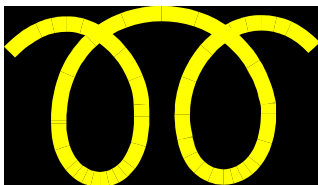
8. Warning lamps



Malfunction-Indicator-Lamp (MIL)



Electronic Power Control (EPC)



Control lamp "Preheat"

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