



Assembly instructions

ABT-AEC for VW Amarok

- VW Amarok

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Vehicle: VW Amarok

Assembly time: approx. 30 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.





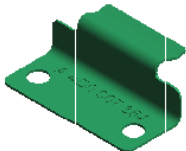

This bridge adapter can be obtained separately.



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

2. Scope of delivery

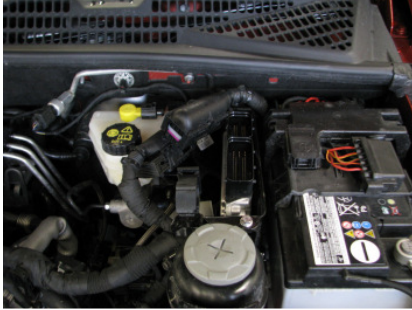
Please check if delivery is complete before starting the installation. In case the delivery is incomplete, please contact our service team at ABT Sportsline.

Quantity	Figure	Description
1		ABT Engine Control
1		Wiring harness
1		AEC bracket

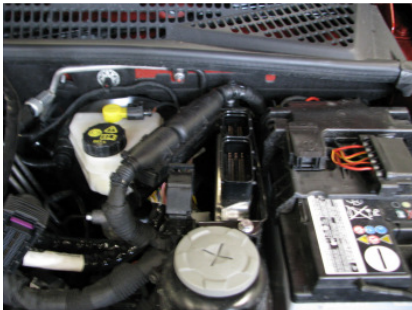
1		„ABT Power“ sticker
1		ABT information sticker
1		ABT service book
5		Cable tie
2		Retaining clip 12mm
4		Lens head screw M5 x 6

4		Spring ring M5
3		Plastic washer nut

3. Preparations at the vehicle



If the car has a anti-theft-device remove it. Disconnect the wiring harness from the original ecu.



Connect the ABT wiring harness to the serial plugs.



Connect the plugs from the AEC wiring harness with the engine control unit. Fix the male multipoint connector between the engine control unit and the break fluid tank.

4. AEC assembly



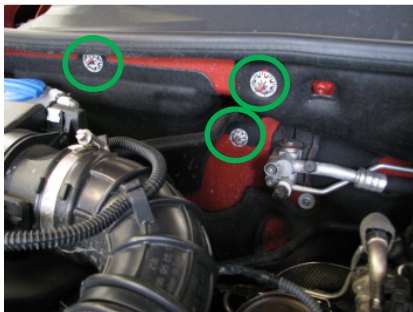
Attach the retaining clips with the spring rings M5, washers M5 and the screws M5.



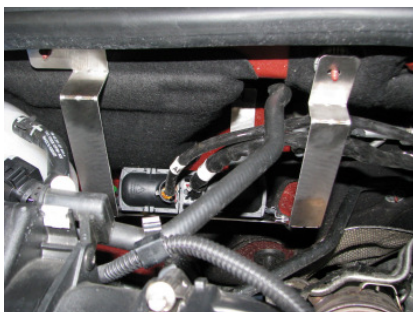
Attach the AEC in the bracket and tighten the screws.

5. AEC Installation

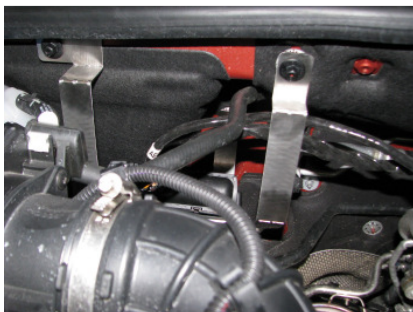
Connect the plugs marked with „AEC“ to the AEC.



Attach the bracket with the plastic washer nuts on the marked points to the car. Be sure to connect the wiring harness into the AEC before you install it.



Attach the holder to the three fixing points.



Fasten the holder using the plastic washer nut.

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Run all wires as shown in the figure and fix it with cable ties.



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.

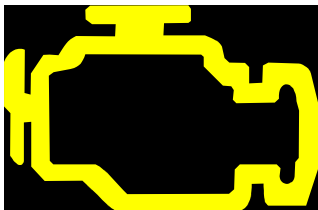
Attach the sticker "Abt Power" to the engine cover and the information sticker to the lock carrier.

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.

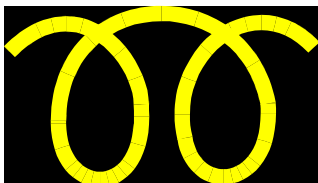
7. Warnlampen



Malfunktion Indicator Lamp (MIL)



Electronic Power Control (EPC)



Kontrollleuchte Vorglühen

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