



# **Assembly Instructions**

Bridge adapter for PQ 25

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



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## 1. Application purpose

Power upgrades provided by a 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, a 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 ten days, we recommend to replace the AEC with the 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.



**Figure 1: AEC bridge adapter**

## 2. Replacing AEC with bridge adapter

The proceeding of the replacement is as follows:

- Turn off the ignition
- Open the engine hood
- Wait for 1 minute

Only after this waiting time, disconnect the AEC which is above the air filter.



**Figure 2: Mounting position AEC**

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The plugs of the AEC are provided with a sliding mechanism.



**Figure 3: sliders closed**

To disconnect the AEC, pull the plug sliders outwards. Thus the respective plug releases from the device.



**Figure 4: plug removing**

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In the shown position the plugs are unlocked.



**Figure 5: sliders opened**

Now the plugs can be detached.



**Figure 6: plugs detached**

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Connect the bridge adapter and close the sliders. Place the adapter next to the AEC.



**Figure 7: placing of the adapter**



### 3. Safety precautions

- **It is absolutely necessary to turn off the ignition.**  
Non-observance will damage the engine electronics.
- **It is absolutely necessary to observe the waiting time.**  
Failure will result in errors in the vehicle's control units.
- To avoid damages, close the engine hood carefully.
- Avoid also longer trips with the connected bridge adapter as it is not sufficiently fastened.
- Non-observance may lead to damages to the vehicle as well as to the adapter.

### 4. Driving with the bridge adapter

If it is intended to drive with the bridge adapter attached, it is necessary to fasten it. To do this, **loosen** the screws and push the AEC outwards to the top. Attach the bridge adapter and tighten the screws. Avoid the complete disassembly of the screws, as the small parts can get lost. Store the AEC in the glove compartment.

### 5. Reassembly

To reassemble the AEC please follow point 2. Reconnect the plugs to the AEC. Store the bridge adapter in the glove compartment.

### 6. Further usage

While staying in countries with bad fuel quality we recommend the usage of the bridge adapter. Then attach the adapter instead of the AEC. See point 4.

## 7. Overall view



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