

*Note: Do not connect continuous trickle charger to the cigarette lighter.*

The cigarette lighter is powered by the rear distribution box via a relay. This relay drops out after terminal 15 OFF. This means that a continuous trickle charger connected to the cigarette lighter is disconnected from the battery.

Charge the battery via the jump-start connection points. Only then can the power supply be registered by the vehicle.

### **Warning! Danger of destruction in event of mechanical strain**

- Do not introduce any additional connections at the battery negative terminal.
- Do not modify the grounding cable.  
The grounding cable also serves to dissipate heat.
- Do not establish any connection between the IBS and the sensor screw.
- Do not use force when disconnecting the pole shoe from the battery terminal:
  - Do not pull on the grounding cable.
  - Do not place any tools under the IBS to lever off the pole shoe.
- Do not use IBS connections as levers.
- Use a torque wrench and set tightening torque in accordance with repair instructions.
- Do not release or tighten down sensor screw (screw with Torx head).
- Avoid contact between IBS and ground.

### **Warning! Danger of destruction to IBS and cables when battery is replaced**

- The IBS and the cables can be destroyed by mechanical strain when the battery is replaced. Therefore avoid mechanical strain.
- The size (capacity) of the battery required for the car is coded in the Car Access System (CAS).
- Use the battery size (capacity) installed as standard when replacing the battery.
- Register battery change via Service Function (Progman or DIS).
- Delete fault entries in the Digital Engine Electronics (DME) associated with battery replacement.
- Always proceed in accordance with the repair instructions.

*Note: Battery draining possible in spite of the intelligent battery sensor IBS being fault-free.*

- A battery can be drained (e.g. with lights or radio switched on) even when the IBS functions perfectly in conjunction with power management.
- **For this reason, only replace the IBS when a corresponding fault is entered in the DME or DDE.**