

MERCEDES-BENZ 2001-04 SLK320

PRECAUTIONS

Warning: Risk of explosion when charging lead batteries with battery electrolyte containing sulfuric acid; a highly explosive gas mixture is created that ignites by means of fire, sparks, open flames and smoking.

Warning: The battery electrolyte contains diluted sulfuric acid that causes caustic burns to the skin, eyes and mucous membranes in the event of contact. Bonded electrolyte is just as caustic as liquid electrolyte. Battery electrolyte mist causes caustic burns to eyes. If inhaled, this can result in caustic burns to mucous membranes and respiratory tracts.

Warning: In event of a short circuit from battery positive to ground, battery terminals and conductive objects causing short circuit, such as a tool or jewelry, become hot in seconds and cause burns.

Warning: If battery electrolyte is swallowed, this can result in symptoms of poisoning such as headache, dizziness, stomach ache, respiratory paralysis, unconsciousness, vomiting, caustic burns and cramps. Absorption of lead in body through contact with leaded components (battery terminals, lead plates in damaged batteries) damages blood, nerves and kidneys; lead compounds are also toxic for reproduction.

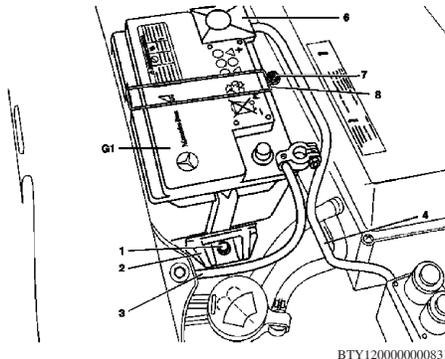


Fig. 1 Battery removal

Caution: Wear acid-resistant gloves and clothing and safety glasses with side guards.

Only charge lead batteries in well-ventilated rooms with appropriate voltage and appropriate current with approved chargers, taking into account the instructions of battery and charger manufacturers.

Caution: Do not place any conductive objects on battery, and do not wear any conductive jewelry (risk of short circuit).

Always disconnect the ground terminal first; always connect positive terminal first (risk of short circuit caused by tool).

Only store, transport and install batteries with liquid battery electrolyte horizontally, otherwise battery electrolyte can escape from the degassing holes.

BATTERY

Removal

1. Withdraw ignition start key.
2. After opening vehicle, wait for at least four minutes before disconnecting battery, otherwise alarm will be triggered.
3. Disconnect battery ground cable (3), Fig. 1. Connect quiescent current retention unit if required.
4. Remove nut (7) and remove strap (8), Fig. 1.
5. Disconnect positive cable (4), Fig. 1.
6. Remove battery.

Installation

1. Install battery.
2. Connect positive cable to battery.
3. Install strap (8), Fig. 1.
4. Connect ground cable to battery.
5. Set time on stationary heater time, if required.
6. If battery is disconnected or power supply to steering angle sensor is interrupted, ADS or ESP control module switches to malfunction. ADS or ESP malfunction indicator lamp will come on. It is required to reactivate steering angle sensor to eliminate malfunction. Reactivate steering angle sensor as follows:
 - a. Start engine and allow to idle.
 - b. Turn steering wheel from lock to lock.
 - c. ADS or ESP malfunction indicator lamp should go out.

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