

# MERCEDES-BENZ

## 1994-2002 SL600

### 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.

**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

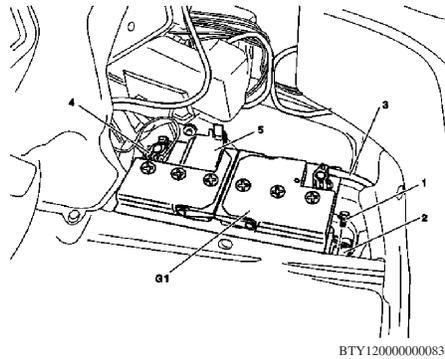
1. Withdraw ignition start key.
2. Remove battery cover in righthand side of trunk.
3. After opening vehicle, wait for at least four minutes before disconnecting battery, otherwise alarm will be triggered.
4. Disconnect battery ground cable (3), **Fig. 1**. Connect quiescent current retention unit, if required.
5. Disconnect positive cable (4), **Fig. 1**.
6. Remove vent hose.
7. Remove battery.

#### Installation

1. Install battery.
2. Install vent hose.
3. Connect positive cable to battery.
4. Connect ground cable to battery.
5. Install battery cover.
6. Code radio as follows:
  - a. "Code" appears on display when radio is switched on. Enter correct numbers for code one after another to operate radio. Numbers for each position can be set by turning manual tuning knob to righthand side. Enter set number by pressing automatic button. Radio then automatically switches to next position, which can then be entered. When manual tuning knob is actuated for

first time, "Code" disappears and momentarily selected number appears in lefthand code position. Two code positions not yet entered are marked with dashes "--."

- b. Enter code from card supplied from vehicle manufacturer.
- c. After entering third number, visible number combination is compared with code number stored internally, and radio switches over immediately to radio mode if number combination is identical with code number stored internally.
- d. If entry is incorrect, "Code" reappears and number combination can be entered again. After entering incorrect code three times, entry is inhibited for 15 minutes unless radio has been switched off or completely separated from power supply. During this fifteen minute waiting time, "Code" appears on display and operation is not possible. After expiration of waiting time, a new attempt can be made to enter code. If an incorrect code is entered nine times in a row, radio is no longer operational. This is indicated by four dashes "----" on display. In this case, it is required to return radio to manufacturer for reactivation.
7. Set time on stationary heater time, if required.
8. 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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**Fig. 1 Battery removal**

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