

# MAZDA

## 1996-2005 Miata

### PRECAUTIONS

**Warning: Hydrogen gas is produced during normal battery operation. A battery-related explosion can cause serious injury. Keep all flames (including cigarettes), heat, and sparks away from the top and surrounding area of open battery cells.**

**Warning: Since battery acid is toxic and corrosive, be careful when handling the battery and be careful not to allow it to contact clothing or the vehicle. In case battery acid contacts skin, eyes, or clothing, flush it immediately with running water. If the acid gets in eyes, flush with water for more than 15 minutes and get prompt medical attention.**

Before beginning any work, turn the ignition switch to "LOCK" position, then disconnect battery ground cable. Wait for more than one minute to allow the backup power supply of the SAS control module to deplete its stored power.

Disconnecting the battery cable will delete the memories of the clock, audio, DTCs, etc. Therefore, it is required to verify those memories before disconnecting the cable.

During removal or installation of battery cover, it is suspected that using excessive force causes breakage at the clips. Carefully release the hooks on the battery tray/cover, or the battery tray/cover may break.

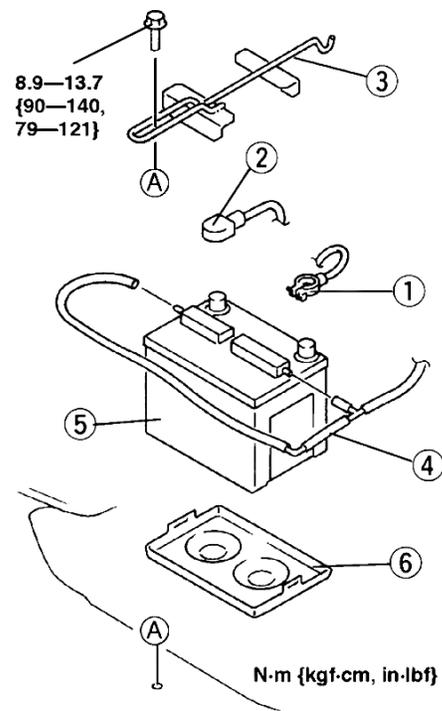
### BATTERY

#### Removal

1. Verify that ignition switch is "OFF," key has been removed and all doors are closed.
2. Remove battery ground cable (1), Fig. 1.
3. Remove positive battery cable (2), Fig. 1.
4. Remove battery clamp (3), Fig. 1.
5. Remove battery vent hose (4), Fig. 1.
6. Remove battery (5), Fig. 1.

#### Installation

1. Install battery.
2. Install battery vent hose.
3. Install battery clamp.
4. **Torque** battery clamp bolt to 79-121 inch lbs.
5. Install positive battery cable.
6. Install battery ground cable.



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Fig. 1 Battery removal

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