

BATTERY REMOVAL AND REFITTING

REMOVING (Fig. 28)

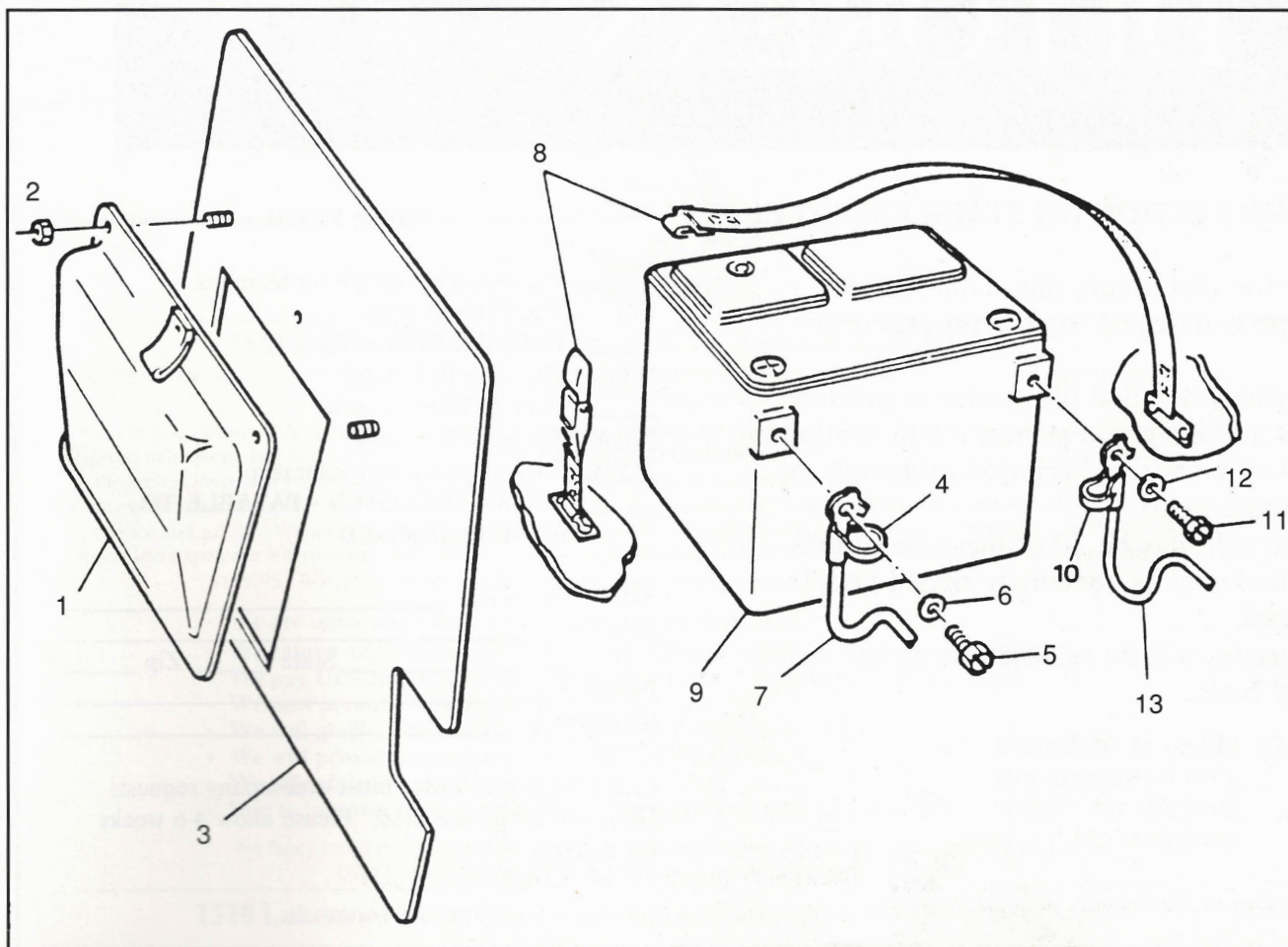
1. Slide passenger's seat fully forward and tilt to full extent.
2. Unclip carpet behind passenger's seat to reveal battery access cover (1).
3. Remove two nuts (2) retaining access cover (1) on rear bulkhead assembly (3).
4. Remove access cover (1).
5. Remove plastic protective cover (4) over battery positive terminal and remove bolt (5) and washer (6). Disconnect cable (7).
6. Release battery retaining strap (8).

7. Move battery (9) forward to gain access to battery negative terminal and remove plastic protective cover (10), bolt (11) and washer (12). Disconnect cable (13).
8. Remove battery (9).

REFITTING

1. Replace battery (9) at front of battery compartment and connect negative cable (black to battery negative terminal).
2. Re-fit plastic protective cover (10).
3. Move battery (9) into position on the battery compartment ensuring that the retaining strap (8) is not trapped by the battery (9).
4. Connect positive (Red) cable to terminal and tighten.
5. Re-fit plastic protective cover (4).
6. Fit strap (8) to battery (9) and adjust as necessary to ensure security of battery (9).
7. Re-fit cover (1) and secure.
8. Re-clip carpet.
9. Re-adjust passenger's seat as required.

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BATTERY

(FROM PAGE 31)

GENERAL INFORMATION

Water never needs to be added to the Freedom Battery. There are no filler caps in the cover. The battery is sealed, except for small vent holes in the cover. The vents allow what small amount of gasses that are produced in the battery to escape. The special chemical composition inside the battery reduces gassing to a very small amount at normal charging voltages. Besides reducing gassing, the special chemistry greatly reduces the possibility of overcharge damage.

The vents require keeping the battery in an upright position to prevent electrolyte leakage. Tipping the battery beyond a 45° angle in any direction can allow a small amount of electrolyte to leak out the vent hole.

DO NOT exceed this 45° angle when carrying or installing the battery.

Evidence of electrolyte leakage does not necessarily mean the battery is defective.

With special cables properly attached the metal surfaces that carry the current are completely sealed from the atmosphere. This prevents terminal oxidation and corrosion that would cause starting and charging problems. If new cables are needed, sealed terminal cable replacements should be used to retain the reliability of the original maintenance-free connection. Torque studs to 5-10 lb./ft. (7-13 Nm). With the correct cables properly attached, and with the battery properly mounted, the Freedom Battery never needs any periodic maintenance attention.

Warning: All lead-acid batteries generate hydrogen gas which is highly flammable. If ignited by a spark or flame, the gas may explode violently, causing spraying of acid, fragmentation of the battery, and possible severe personal injuries. Wear safety glasses when working near batteries. In case of contact with acid, flush immediately with water.



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Membership Roster Available

For well over a year, we have asked members, on their renewal forms, whether they would like their names and cities included on a membership roster. Over 900 indicated that they would and the rest preferred not to be listed.

The compiled roster is now available for \$4.50 through our Products Department. The roster is typewritten sheets and does not include full addresses or phone numbers.