

THE BATTERY

1. The battery is the source of electrical energy for the vehicle.

2. It provides the initial surge of current to start the engine.

3. It maintains the electrical system voltage when the engine is not running.

4. It stores energy to power the vehicle's accessories.

5. It provides a path for the return current from the vehicle's electrical system.

6. It is connected to the vehicle's electrical system through the battery cables.

7. The battery is located in the engine compartment.

8. It is connected to the vehicle's electrical system through the battery cables.

9. The battery is connected to the vehicle's electrical system through the battery cables.

10. It provides a path for the return current from the vehicle's electrical system.

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30. It provides a path for the return current from the vehicle's electrical system.

DISASSEMBLY



Figure 1: Disassembly of a battery. The diagram shows the battery with the top terminal cap removed, revealing the internal components. The bottom terminal cap is also shown removed, showing the internal structure of the battery cells. The top terminal is connected to the positive (+) terminal, and the bottom terminal is connected to the negative (-) terminal.