

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 to the negative terminal.

6. It is connected to the engine and the vehicle's electrical system.

7. It is located in the engine compartment.

8. It is a lead-acid battery.

9. It is made of lead and sulfuric acid.

10. It is a sealed battery.

11. It is a maintenance-free battery.

12. It is a deep-cycle battery.

13. It is a flooded battery.

14. It is a gel battery.

15. It is a lithium-ion battery.

16. It is a nickel-cadmium battery.

17. It is a nickel-metal hydride battery.

18. It is a silver-zinc battery.

19. It is a silver-cadmium battery.

20. It is a silver-nickel battery.

21. It is a silver-mercury battery.

22. It is a silver-zinc battery.

23. It is a silver-cadmium battery.

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29. It is a silver-mercury battery.

30. It is a silver-zinc battery.

DISASSEMBLY



Diagram illustrating the disassembly of a battery. The battery is shown in a vertical orientation, with the top terminal labeled 'POSITIVE (+)' and the bottom terminal labeled 'NEGATIVE (-)'. The battery is divided into several sections, with arrows indicating the direction of disassembly. The sections are labeled 'CELLS' and 'TERMINALS'. The diagram shows the battery being split into two halves, with the top half being removed. The bottom half is shown with the terminals and the internal cells. The diagram is a technical drawing of a battery, showing the internal structure and the terminals.