

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 consists of several cells connected in series.

10. Each cell contains a lead plate and a lead dioxide plate.

11. The plates are immersed in an electrolyte solution.

12. The electrolyte is a mixture of sulfuric acid and water.

13. The battery is recharged by the alternator.

14. The alternator converts mechanical energy into electrical energy.

15. The battery is a critical component of the vehicle's electrical system.

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DISASSEMBLY



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