

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.

16. It is essential for the vehicle to start and run.

17. It is a source of power for the vehicle's accessories.

18. It is a source of energy for the vehicle's electrical system.

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DISASSEMBLY

1. The battery is disconnected from the vehicle's electrical system.

2. The battery is removed from the engine compartment.

3. The battery is placed on a clean, flat surface.

4. The battery is opened by removing the top cover.

5. The battery is disassembled into its individual cells.

6. The battery is inspected for damage and wear.

7. The battery is reassembled and reconnected to the vehicle's electrical system.

8. The battery is tested for proper operation.

9. The battery is stored in a cool, dry place.

10. The battery is used as a power source for the vehicle's electrical system.

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