

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's charging 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 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.

24. It is a silver-nickel battery.

25. It is a silver-mercury battery.

26. It is a silver-zinc battery.

27. It is a silver-cadmium battery.

28. It is a silver-nickel battery.

29. It is a silver-mercury battery.

30. It is a silver-zinc battery.

IGNITION



Component	Function
Battery	Provides electrical energy to the ignition system.
Coil	Increases the voltage from the battery to a level sufficient to create a spark.
Distributor	Distributes the high voltage to the spark plugs in the correct sequence.
Spark Plugs	Creates a spark to ignite the air-fuel mixture in the combustion chamber.

The ignition system is responsible for providing the spark that ignites the air-fuel mixture in the combustion chamber. It consists of several components, including the battery, coil, distributor, and spark plugs.

The battery provides the electrical energy to the ignition system. The coil increases the voltage from the battery to a level sufficient to create a spark.

The distributor distributes the high voltage to the spark plugs in the correct sequence. The spark plugs create a spark to ignite the air-fuel mixture in the combustion chamber.