

STRETCH

YOUR DOLLAR



Car Battery

The modern automotive battery is a lead-acid storage design; it's an electrochemical device that converts chemical energy into electrical energy. When the battery is placed under a load, such as when the ignition is switched on, it converts stored chemicals into electricity, and the current flows through the wires. Battery power is created through a chemical reaction. Inside the battery there are positive and negative lead plates that are immersed in an electrolyte solution. This solution is a mixture of sulfuric acid and water. When the solution interacts with the lead plates, the chemical interaction creates voltage which is then released through the battery's positive terminal and returned to the negative terminal. Voltage from the alternator maintains the battery's charge which gives the battery the ability to produce electricity for years.

The way a car battery is used will affect its lifespan. If you use your car primarily for short trips, your battery will have a shorter lifespan than. If you do make long trips every day, your battery will have a longer lifespan. Whatever way you use your car, the battery requires at least twenty minutes to fully recharge itself. If your battery doesn't have an opportunity to do this, it will rapidly reach the point where it can no longer hold a charge. Maintaining the electrolyte solution level in the battery can also help extend the battery life. As your battery ages, it is recommended that it be replaced every 2 to 3 years.

If it is time to replace your car's battery, stop by VW Springfield for great prices and good advice on your vehicle's battery needs.

Money:



Environment:



Time:



Comfort:



FREE
Installation & reset
to basic settings
* With Battery purchase (excludes Toureg)

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