How to Convert a Normal Car into an ELECTRIC CAR

Electric cars can be an expensive investment and one not many can afford. The idea of having a car that runs on electricity is a popular one that many want to make a reality. So, many people wonder if they can turn their existing gas-powered car into an electric one and how to do it.

**How to Turn a Car Into an Electric Car**

1. Remove the Combustion Engine
   - The first step in converting a normal car to an electric car is removing the combustion engine. The engine and its connecting pipes must be removed along with the entire combustion engine block and its component parts.

2. Install an Electric Motor
   - Electric motors are much more reliable than regular engines. Part of this is because they do not have the same amount of moving parts as a regular engine.
   - Instead, they rely on technology to convert energy that keeps your car running.

3. Install the Batteries
   - If you want your converted electric car to run, you will need to install a pack of batteries that can be installed in the front of the car.
   - Many people install these batteries in the rear of the vehicle or in the trunk area.

**What Cars Can Be Converted?**

Any car can be converted into an electric car. Many would-be electric car owners have converted cars from a donor. Older cars with less power can be made into electric cars by replacing their parts with those that are much better.

**Get the Car Inspected**

In the United States, when you convert a normal car into an electric car, you do not need to get it reinspected by either the EPA or CARB. Therefore, once you convert your vehicle, you can drive it without issue. However, other countries do require your car to be re-inspected to ensure it is safe to drive. The best to check first.

**Consider these points that make converting a car into an electric car a little tricky.**

- The engine needs to be drained. Remember, car engines require fuel to run, and as before, you can detach it, you need to drain it, which can get messy.
- The engine needs to be detached. You need to know all the connections that keep an engine in place so you can detach them.
- You need to know how to connect the new motor. The new electric motor will be bigger than the gas engine, but you will need to know how to hook it up.
- A general working knowledge of cars is needed. It is best if you know where most things are located under the hood of your car. It makes the process go quicker.
- The engine of a car can weigh upward of 400 pounds, maybe more. One of the biggest obstacles is the weight of the engine. You will need a small listed to remove it.