

# How to Take Care of an Electric Car:

## The Ultimate Guide

As they maximize cost-effectiveness and environmental protection, electric cars have surged in popularity. New owners may be coming into the world of electric cars without knowing the proper maintenance practices. To maximize the life of your electric car, you must learn how to properly care for it.



### Use Proper Charging Practices

Charging an electric vehicle can be done at public charging stations. However, there may not be many of these to choose from in your area.

In this case, you will most likely need to go through the process of charging your electric vehicle from home.



### Provide Sufficient Charge

Just as is the case of most electronics, the battery needs a sufficient charge to retain its efficiency. If the car is left charging too long, the battery can become charger-dependent.

This will render the car less efficient, and the battery life will be more quickly depleted.



### Keep Your Car's Environment in Mind

Paying close attention to your environment is an essential part of maintaining a healthy electric car's battery. In temperatures that are too hot or too cold, the battery will undergo a reduction in range.

This means that the average distance you can travel on a certain percentage of charge could be greatly reduced.



### How Often Do Electric Cars Need to Be Serviced?

At least once a month, you should regularly inspect essential features like the tires and wiper blades. Most routine maintenance will fall under the 7500-mile umbrella. Each time you reach this amount of mileage, you will want to see a certified mechanic or auto dealership to confirm your vehicle is functioning properly.

This does not mean you will have to have repairs done every 7500 miles, but having an expert look over your car's condition at this milestone will ensure the longevity of its life.



### Average Cost for Servicing an Electric Car

Looking at some of the most popular makes and models, the average maintenance for an electric vehicle ranges from \$950 to just over \$2000.

This rivals the average price of fossil fuel consumption which costs about \$3000 yearly.

Timeline	Required Maintenance
Monthly	<ul style="list-style-type: none"> <li>Gauge your tire pressure and wear</li> <li>Check and fill windshield wiper fluid as necessary</li> </ul>
Every 7,500 miles	<ul style="list-style-type: none"> <li>Check coolant levels for the battery, cabin heater, and power inverter</li> <li>Inspect brake pads</li> <li>Check for fluid leaks</li> <li>Examine power steering, shafts, and airbags for proper functionality</li> <li>Check pedals for wear and tear</li> </ul>
Twice a year	<ul style="list-style-type: none"> <li>Use plain water to clean the underbody of the vehicle</li> </ul>
Every 15,000 miles	<ul style="list-style-type: none"> <li>Have the windshield wiper blades replaced</li> </ul>
Every 36,000 miles	<ul style="list-style-type: none"> <li>Replace air filters in the main cabin</li> </ul>
Every 75,000 miles	<ul style="list-style-type: none"> <li>Replace the gas struts within the hood or body lift (Both if applicable)</li> </ul>
Every 5 years	<ul style="list-style-type: none"> <li>Swap out the brake fluid</li> <li>Drain all coolant circuits within the vehicle</li> </ul>
Every 7 years	<ul style="list-style-type: none"> <li>Replace the air conditioning desiccant</li> </ul>

Once you know the ins and outs of electric car maintenance, you will be able to enjoy ownership without unnecessary stress. Some of the most important aspects of ownership are proper routine maintenance, appropriate charging practices, and consistently staying educated on updates in the industry. With regular maintenance and service, you can enjoy using your electric vehicle for years to come!