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Electric Vehicle is the future.

Transportation an important part of living. We need to get from point a to point b. From the walk to class or from traveling to different countries, transportation is inevitable. The most common way we travel today is by using gas-powered vehicles. I can’t think of a world where we don’t have cars. Before cars existed, people had to walk, use animals, or train to travel but that changed with the car was invented. Hate them are love them you have to admit they have changed the way we live, behavior and our outlook on the world. Humanity could now imagine going anywhere around the world. Joining in on the debate with Turkle and Rheingold about how technology is either connecting us or disconnecting us. I think technology as a whole brings us closer together, connecting humanity more than ever. The technology for transportation like electric vehicles will be the future having a cleaner way of physically connecting us ending global warming with the elimination of gas-powered vehicles.

Let me provide a brief history of cars. The first gasoline-powered combustion engine was invented in 1870 by Siegried Marcus. At first, cars were expensive and only the wealthy could afford the automobile but in the early 20th century, Ford changed all that with the invention of the Ford Model-T, the first mass-produced motor vehicle. It was many times cheaper than any other car at the time by mass-producing the Model T using continuously moving assembly lines.

With more affordable prices the car allowed more people to travel easier, and faster and with the fast-paced manufacturing other manufacturers copied this continuously moving assembly line and even more automobiles were made. With the ever-increasing amount of automobiles, the human mindset changed too, giving more freedom to people to work and travel further, “before [the] car, a 220-mile trip between New York and Boston took an average 12-14 days by horse or on foot, or several days by train” (Mayrand-Fiset). Before cars, most people have only been within a few miles from where they were born, but that has all changed, now it takes only about three hours and forty-five minutes to drive from New York to Boston. While cars became the new norm, a problem was slowing creeping. All this transportation creates an abundance of pollution creating a major problem, Global warming. Since transportation is inevitable the solution of global warming is the electric vehicle.

Global warming is when the average global temperature increases, which is happening at the fastest rate in recorded history and is caused “when carbon dioxide (CO2) and other air pollutants and greenhouse gases collect in the atmosphere and absorb sunlight and solar radiation that have bounced off the earth’s surface” (MacMillan) with some of the radiation escaping into space. The radiation traps the heat causing the planet to get hotter known as the greenhouse effect.

For the United States, our second-largest carbon pollution is from transportation, which generates about 1.7 billion tons of CO2 emissions a year (MacMillan). Which is “nearly one-fifth of all US emissions, emitting around 24 pounds of carbon dioxide and other global-warming gases for every gallon of gas.” (Car Emissions and Global Warming). Gas-powered cars are getting more efficient but what’s better than low emission, is zero-emission. That’s why electric vehicles will be the solution.

The electric vehicle is the future of transportation, being a zero-emission vehicle it does not output any pollution which is the first step to ending global warming. The electric vehicle uses electricity to power its motors. To charge, you just need to plug it in like a phone. The reason electric cars weren’t popular until recent years is because the first few electric vehicles were slow and had a short-range compared to gasoline cars. Tesla, an electric car company, has changed the image of electric vehicles becoming more appealing than ever with Tesla making electric cars sexy, techy and modern, having a futuristic vibe. Electric vehicles “are often cleaner than even the most efficient conventional vehicles.” (What Are Electric Cars?). Of course depending on the type of vehicle and the source of the electricity. If “powered by the cleanest electricity grids, greenhouse gas emissions from EVs are comparable to a car getting over 100 miles per gallon” (What Are Electric Cars?). Electric vehicles have quicker acceleration than gas-powered cars and less moving parts having fewer breakdowns adding on to the reason electrics are going to be the future of transportation.

Some might say that electric vehicles are still creating pollution because the electricity being produced is using fossil fuels which is true but it’s still better than gasoline cars because the energy that power plants are making is a lot more efficient than gasoline cars making using its own combine engines to produce that energy to go forward. And if you use renewable energy, like from a solar panel, no pollution is created.

Technology is connecting us even more than ever, with cars literally transporting us to each other with cleaner travel from electric vehicles. They are going to replace gas-powered cars eventually for clean travel making global warming a problem of the past. With the problem technology creates it also brings us closer and together to finding new technology to solve the problem. When they first created cars they didn’t know about the population it would cause but now we are finding ways to have clean transportation with electric cars.

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