Olivia Simmon

Jennifer. Scharba

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Should drivers be legally required to switch from traditional to electric vehicles?

Drivers shouldn't be required to switch from traditional to electronic vehicles in the next 20 years. It would be unreasonable for drivers to switch to electric vehicles from traditional vehicles because they're dangerous, they can start on fire at any given time. They're expensive, the average electric vehicle costs about $30,000 more than traditional vehicles. They're bad for the environment, some people think electric vehicles are better because they're way cooler or they're better for the environment, but they're not. In this argument, it will show why electric vehicles are not better than traditional vehicles.

Price Cost

Prices of electric vehicles are far from cheap. The average cost of an electric vehicle is around $80,00 dollars as of 2023, while a new traditional vehicle costs around $48,000. Just imagine what an electric vehicle is going to cost in about 20 years. Another reason why they're so

expensive is because raw materials like nickel, cobalt and manganese are used in electric vehicles so that makes the price go up. Unlike traditional vehicles electric vehicles run off of batteries, So what happens when a battery dies and you have to replace it? Batteries for these kinds of vehicles are not cheap, they can go anywhere from $4,000 to $20,000 depending on the type of vehicle you have. (Lopper, February 10,2023). You might think you're saving money by paying for an electric vehicle but really you're not. An average person spends about $3,000 dollars a year on gas but it depends on the city and the type of vehicle.

Bad for the environment

Just because electric vehicles are electric does not mean that they are good for the environment, Just like traditional vehicles it takes a lot of greenhouse gas. You need to mined the raw materials and then the raw materials need to be refined before they are even allowed to be used which all takes a lot of greenhouse gas. So since it has a lot of greenhouse gasses it creates more emissions in the atmosphere than it should. Also manufacturing pieces results in higher carbon emissions. (March,2022)

Alarming/Hazardous

There are a lot of alarming alerts that come with electric vehicles. A big problem is they can blow up or start on fire at any given time. Burning issues is a problem because once there is a fire they take a while to get out unlike traditional vehicles. Electrical system failures and batteries are all reasons why they can blow up. According to Zach, Hurst most battery packs are underneath the passenger seat so when they blow up or start on fire they usually burn out on their own because it makes it really difficult to get water on the batteries to cool them out. (Hurst, 2023). Charging problems is another reason. Electric vehicles are not good for long road trips, and the average time it takes to charge an electric vehicle is about 5 to 6 hours. What are you going to do for 6 hours waiting for your vehicle to charge when you're on a trip?. The performance electric vehicles are really weak and they can only range from 100 to 400 range so that makes it slow driving range (Frankiewicz,2023). Weather can highly impact on the range experiment and when weather conditions get too hot or too cold it, the ac or heat drops the range down by 4% to 10%.

Pros and Cons

Pros:

- No need for oils change

- No need for gas
- No need for spark plugs
- Better cooler cars

Cons:

- Longer changing time
- Burning issues
- Range anxiety
- Short driving range and speed
- Cost

Conclusion