

1: Why blinkers or hand gestures are important while taking turns or stopping?

Introduction:

Depending on the type of vehicle, blinkers or hand signals are highly significant since using turn signals is a simple approach to prevent some accidents on the road. The majority of automobiles have automated turn signals however, some require manual operation and some individuals choose to ignore the turn signals. Drivers overlook these signals significance. Everyone is aware that it is improper to drive without using their turn signal before changing lanes or making turn and this is one of the basics taught to learners during driving lessons. These are the only things that can predict where a vehicle will go.

Automotive turn signals have evolved over the last century and moved toward standardization, but there are many differences between US and European regulations. A specific difference between the two directives is that only rear turn signals must be yellow in Europe, whereas they can be yellow or red in the United States. So, while in Europe all rear turn signals emit an amber light, in the US they can be tinted either amber or red. The reason for this choice lies in the decision of the "Group de Travail-Bruxelles" (GTB) at the 1960 event. GTB stipulated the use of amber indicators for Europeans and Americans.

Some reasons why people don't use turn signals:

According to a national survey conducted in united states 57% of people admitted that they don't use turn signals. These are some reasons

- Don't have enough time: 42%
- Just plain lazy: 23%
- Might forget to turn it off: 17%
- Change lanes too often to bother: 12%
- Not important: 11%
- Because other drivers don't: 8%

- Adds excitement to driving: 7%

Effects:

- when automobiles turn into the path of pedestrians without signalling, the injuries considerably exceed those of a simple fender crash. People crossing the street can look left, right, and in all other directions. However, if reckless drivers suddenly enter their route, without warning pedestrians risk suffering life-threatening injuries. Crosswalks and other locations designated for pedestrian crossings are where incidents involving pedestrians and injuries caused by unsignaled drivers most frequently occur. Pedestrians have no protective barrier preventing them from being struck by a car or truck, although drivers and passengers are at least somewhat protected by a car's body.
- Sometimes people forgot to turn off their turn signal which cause some accidents for Example, if a driver is waiting for the right moment to turn onto a street, they can notice a car approaching them that has its turn signal still on from a prior turn. The person waiting to turn may misinterpret the turn signal and turn before the vehicle they think is turning.
- If bike or motorbike forget to hand gesture or to use blinker while taking turn they may be hit by the back vehicle as they assume that they are going straight.

Conclusion:

So, it's important to use blinkers or hand gestures because that give the behind vehicle a clue about what's your next move and they prepare for it which prevent most of accidents.

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2: Are electric cars the Future?

Introduction:

Vehicles are means of transportation and play an important function in all varieties of human activities. current technological trends have delivered electric powered automobiles future means of transportation. As a result, evaluating electric powered and different powered motors turns into critical for anybody who desires to make accountable selections on this respect.

Why we need to use electric vehicle:

- electric cars produce less co2 than petrol vehicles

The main advantage of electric vehicles is the improvement in air quality they may bring to urban areas. Pure electric vehicles emit no carbon dioxide when driving because they have no tailpipe. Consequently, air pollution is significantly reduced. Simply put, electric vehicles make our streets cleaner making our towns and cities a better place to be for pedestrians and cyclists. Just one electric vehicle on the road can reduce CO2 emissions by 1.5 million grammes annually on average.

- Some cities have started charging for entry into Clean Air Zones, which are intended to deter polluting automobiles. Being immune from these fees is a significant advantage of an electric vehicle.
- EVs have better acceleration and regenerative braking, which is the energy wasted from slowing the car is used to recharge the battery.
- A few programmes assist in the transition to driving electric vehicles. You can frequently find free, priority, or dedicated parking bays for electric cars that are placed with easy access in mind, and the government handouts include assistance with installing charging stations at home and at work in addition to helping you buy a new EV.

How does electric car production affect the environment:

- Electric cars typically produce more pollution during production than do conventional cars. This is a result of the production of lithium-ion batteries, a crucial component of an electric vehicle. The energy used to manufacture an electric automobile account for more than a third of its total lifetime CO2 emissions. This is evolving better as technology develops.
- Yes, a lot of energy is required to produce electric vehicles. Even after accounting for the production of the batteries, electric vehicles are still a greener choice. This occurs as a result of the decrease in emissions produced over the course of the car's lifetime.
- Reusing batteries in new technologies like electricity storage is the focus of research into the usage of used batteries. We might one day all have batteries in our houses that we can utilise to store our own energy easily. Such possibilities will lessen the long-term environmental impact of battery manufacturing.

Conclusion:

As we can see there are pros and cons between electric and other fuel powered vehicles. Despite having long range than electric vehicle the other vehicle has negative impact on environment. moreover, the electric ones are more expensive but cheaper to maintain, also they are environment friendly. Since they have short range, providing more charging stations at regular intervals will motivate people to buy more electric vehicles. Which fulfil the need of growing demand of more means of transport and reduce pollution and global warming

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