BLOG
5 Things to Know About Your First EV

Buying your first car is a big step to take. It represents new responsibilities, independence, and reliability. Because of this, the first car you buy is just as important as buying it.

There are many options in the market, from compact cars to SUVs and from regular gasoline to electric vehicles; there are so many to choose from. If you ask us? We might think that an EV would be a great choice for a first car.

We know it might be difficult to know where to start, so we wanted to give you all the information you might need to make a decision.

Here are 5 things you should know about the different types of EVs:

1. **Types of charging**

   With the evolution of EV models, charging methods have also changed over the years. Now, there are three different types of charging:
   - Level 1: This is the basic equipment that is usually in homes with a 120-volt AC outlet. This level can take up to 40+ hours to charge an EV to 80% of the battery.
   - Level 2: This level offers a higher-rate AC through 240 volts in residential areas and 208 volts in commercial areas (Supermarkets, charging stations, restaurants, etc.). Level 2 is faster, as it can charge the EV to 80% in 4-10 hours.
   - Direct Current Fast Charging (DCFC): The last level of charging is the most powerful, as DCFC can charge a vehicle to 80% in 20 minutes to an hour. This is not a very common type of charging as it requires a lot of energy, but it can be found sometimes in charging stations in heavy-traffic areas like residential streets, stores, and supermarkets.

2. **Car design**

   You might have seen that EVs don't look like usual cars. Everything starts from the fact that EV cars don't need the same components as an internal combustion engine car. With the electric motors being smaller inside EVs, they can be positioned differently. Because of that, the space in the front can be used as an extra trunk to store anything. So the extra space is already a plus.

   A characteristic a good number of EVs are known for is only having one pedal. This is called regenerative breaking, which happens when the car uses the energy lost in breaking back into charge for the car to keep rolling.

The car itself is different, too. Aerodynamics, the science of how air flows around a moving vehicle, matters even more in an EV. A smoother shape cuts through the air with less effort, which can help the car travel farther on the same charge.

3. **Range of the car**

   Electric vehicles have different battery ranges. In the past, this has been a constant concern among buyers due to the electric battery. However, now in 2026, some EVs can range up to 300+ miles, and some high-end prototypes can even exceed 500 miles. This shows that EVs can take you on the usual daily route and even more. It is crucial to check which range your EV has, as multiple models can have different ranges.

4. **Cost**

   EV prices can vary by the prototype, the range, and the brand. Prices span from $27,000 to over $100,000, which shows that there are EVs that satisfy different needs. For someone who is thinking of buying their first car as an EV, multiple options offer a good-quality car at an affordable price.

   Even when thinking about EV prices, it is important to think about the pros. Buying an EV can come with incentives due to it being an alternative fuel. Check here your state's laws and incentives before purchasing an electric vehicle.

5. **Impact on the environment**
   One of the biggest pros of EVs is their reduced carbon footprint. Even taking into account the electricity used to charge them, they still have a smaller footprint than regular gasoline cars.

   EVs are also more energy efficient than conventional cars. They use about 87%-91% of the energy from the battery and regenerative braking to move the car, while gasoline vehicles convert only about 16%-25% of the energy in gasoline into movement.

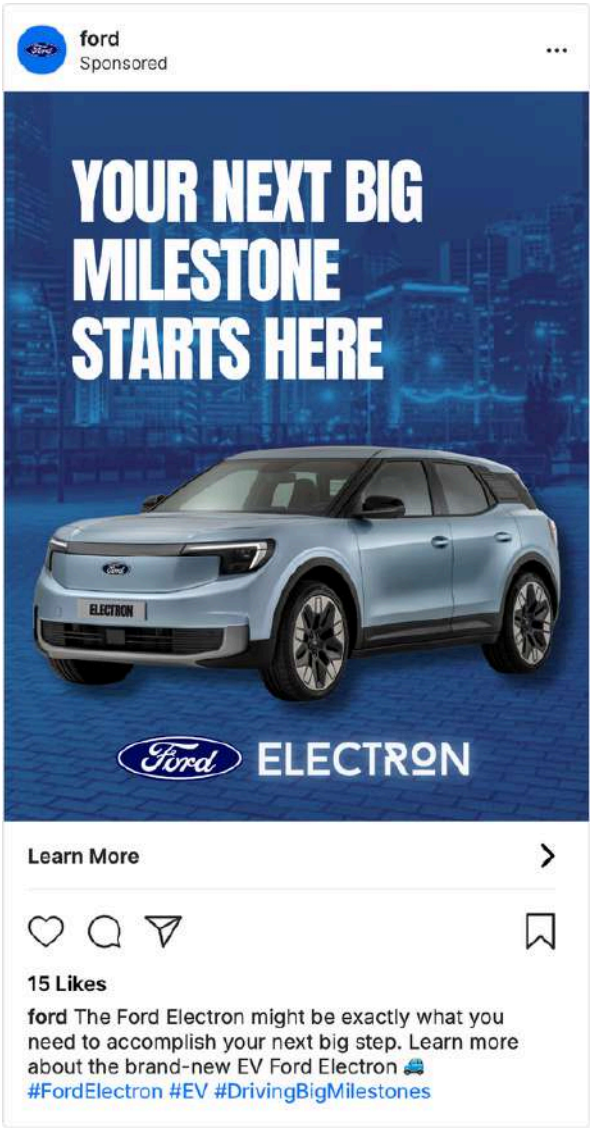
After learning about EVs, does it sound like a match to what you are looking for?

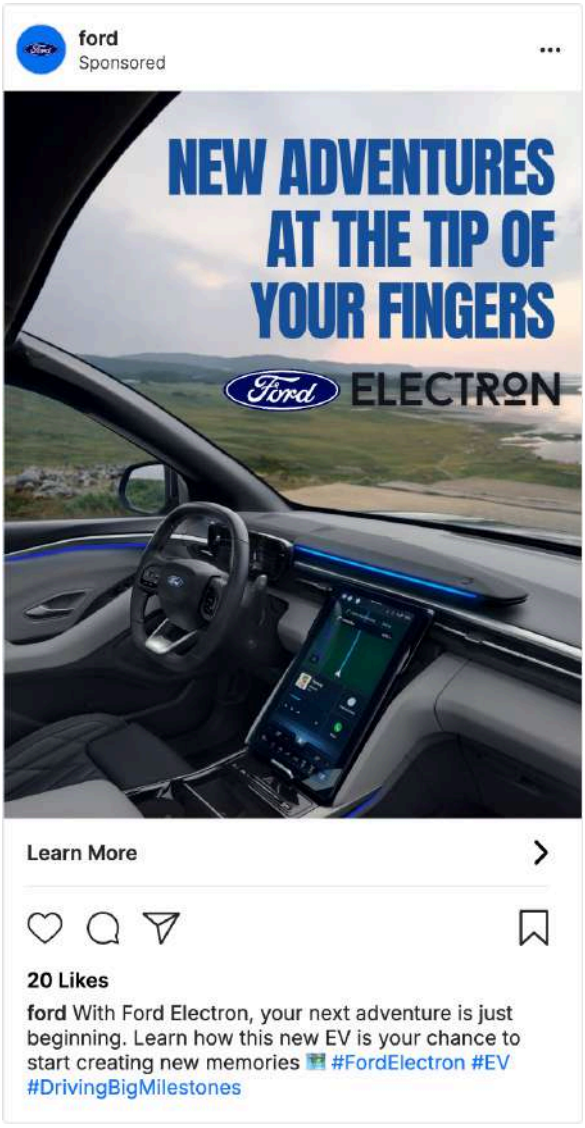
We might have the perfect car for you.

The Ford Electron is a perfect way to start your EV journey. As a compact car that runs fully on electricity, you are able to take the first big step with a reliable, sustainable, and affordable option.

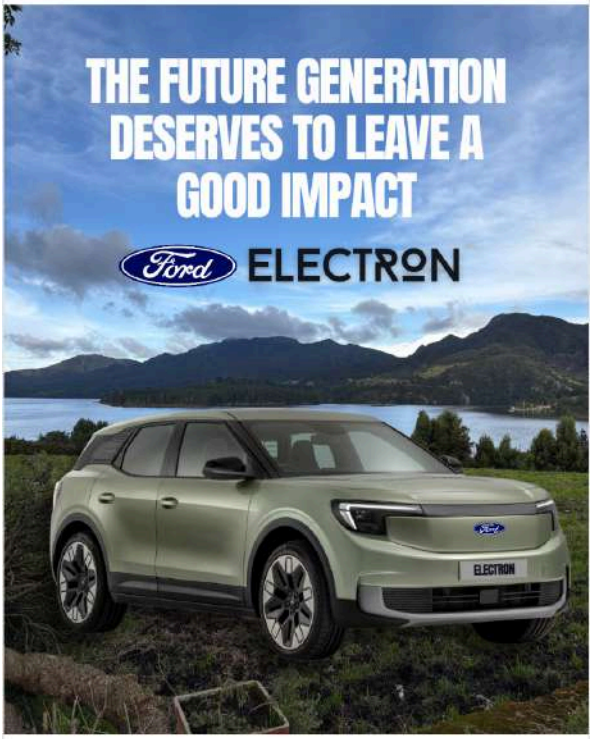
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