



# ELECTRIC VEHICLE TIPS: MAXIMIZE EFFICIENCY

Battery Electric Vehicles (BEV) and Plug-in Hybrid Electric Vehicles (PHEV) generally emit fewer emissions than their internal combustion engine counterparts. Follow these tips to maximize their efficiency.

## Read the owners manual for tips specific to your vehicle

Vehicles can vary significantly in design (especially the way they manage energy use), so tips that apply to one model may not apply to another. The automaker knows how to operate and maintain your vehicle to maximize fuel economy, driving range and battery life.

## Use the economy mode

An "economy mode" or similar feature (turned on by pushing a button) improves fuel economy, though may limit aspects of the vehicle's performance (such as acceleration) to save fuel.

## Avoid hard braking

Anticipating stops and braking gently or moderately allows the regenerative braking system to recover energy from the vehicle's forward motion and store it as electricity. Whereas hard braking causes the vehicle to use its conventional friction brakes, which do not recover energy.

## Keep the battery charged

For plug-in hybrids, keeping the battery charged helps you use as much electricity and as little gasoline as possible, saving fuel and money. For EVs, it helps maximize the driving range. Check the owners manual for the best charging advice for your vehicle.

## Use accessories wisely to maximize fuel economy or electric range

Using accessories such as heat / air conditioning and entertainment systems can lower fuel economy on all vehicles, but has a greater effect on hybrids and electrics. Pre-heating / cooling the cabin of a plug-in hybrid or EV while it's plugged in can extend its electric range.

