



# Tips to help maximize hybrid efficiency

## Chill out

Aggressive driving can lower gas mileage by 33% at highway speeds and 5% in the city.\* Aim for smooth acceleration and braking.

Aggressive driving lowers gas mileage\*



## Travel light



An extra 100 pounds in your vehicle can reduce your mpg by up to 2%. When able, don't carry unnecessary weight.\*

## Idle less

Idling can burn a quarter to half gallon of fuel per hour, depending on the engine size and if the AC is on.\*



## Avoid extremes

### Battery cooling

The high-voltage lithium-ion battery is cooled by cabin air drawn from vent holes in the trim panels behind the rear seats. It is important to keep these openings free of obstructions which can block airflow to the battery.



### Park in a shaded area

Parking in a shaded or climate-controlled environment helps avoid temperature extremes. It can also reduce the energy required to attain a comfortable temperature in the cabin.



### Extreme hot or cold

In extremely hot or cold weather, the lithium-ion battery may not be able to operate with full power. This may cause the gasoline engine to turn on more frequently, lowering fuel efficiency.



## De-accessorize

In a hybrid vehicle, all energy has to be replaced while you're either running the engine or braking. Minimize the use of things that run on electrical energy, such as:



## Stay inflated



There's a straight line between mpg and tires. When they're inflated to the recommended pressure, you can improve your vehicle's fuel economy, while underinflation could lower your mpg.



Door sticker information: Check your vehicle's door sticker for the recommended cold tire inflation pressure.

Underinflation can also cause the tires to wear more quickly.



## Right-size tires

Using larger or rugged wheels/tires can increase weight and rolling resistance, affecting fuel economy.



## Stay off the roof



Rooftop cargo carriers and cargo add weight and create wind resistance.

## Brake smoothly

Instead of braking quickly to a stop, smooth, steady braking helps recharge the lithium-ion battery via regenerative braking.



## Anticipate traffic



Keep an eye on traffic conditions to avoid sudden braking and acceleration, which may cause your vehicle to switch to the gasoline engine and lower fuel efficiency.

## Charge up

Charge your plug-in hybrid whenever possible to help ensure you have battery power available for driving.



## Precondition



On plug-in hybrids, schedule the vehicle to warm or cool the cabin while plugged in, saving battery energy for driving.\*\*



Go Further

\*2014 FuelEconomy.gov

\*\*According to the Department of Energy, [www.fordvehicles.com](http://www.fordvehicles.com). \*\*Preconditioning of cabin temperature on the plug-in hybrid requires internet access. \*\*Temperature is when using 120-volt charging.