

Jacobs ECO-DRIVING

SUSTAINABLE JOURNEYS

By becoming an 'eco-safe' driver, you will contribute to road safety while reducing your fuel consumption and vehicle emissions. Making changes to your driving style will also save you money. Take a look at our golden rules to see what simple changes you could make.

THE GOLDEN RULES OF ECO-DRIVING



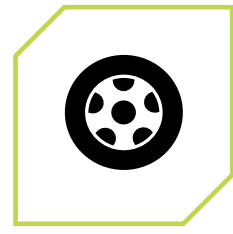
KEEP IT STEADY

Be it accelerating or decelerating, drive smoothly and steadily wherever you can.



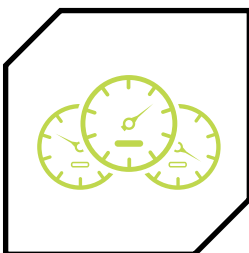
PLAN AHEAD

Look ahead as far as possible and anticipate surrounding traffic. Doing so can avoid unnecessary braking and keep your speed steadier for longer.



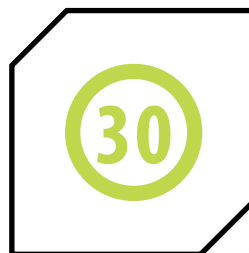
KEEP UP THE PRESSURE

A 25% drop in tyre pressure can increase rolling resistance by 10% and your fuel consumption by 2%.



MAKE THE SHIFT

Shift up between 2.000 and 2.500 revs per minute (RPM). This single step can make such a difference to fuel consumption that Gear Shift indicators are increasingly being fitted as standard on the cars of the future



STICK TO THE LIMITS

Observing the posted speed limit—the standard for safe drivers—can increase fuel economy by 7% to 23%. Cruise control can improve highway mileage by 7% if used appropriately.



ADDITIONAL TIPS AND TRICKS



WATCH YOUR WEIGHT

Weight is the most important factor in fuel consumption. With a load of 100kg (220lbs) on a medium-class vehicle weighing 1,500kg (3300 lbs) there is an increase in consumption of about 6.7%. **So if there's some things in the boot that you don't need for today's trip, leave them at home.**



CRUISE CONTROL IS YOUR FRIEND

Cruise control makes it easy for you to maintain a steady speed and most modern cars are now equipped with it. **It will save you fuel and reduce exhaust emissions, but also contributes significantly to a relaxed driving style.** Ensure you understand how the cruise control function operates before using it.



TYRE PRESSURE

Tyre pressure can significantly affect fuel efficiency. **You should check your car's tyres at least once a week.** Tyre pressure must be checked with cold tyres. Be mindful of the recommended tyre pressures: one for driving unloaded and/or mainly at low speeds, and one for driving fully loaded and/or mainly at high speeds. Pressure recommendations can be found in the instruction manual, but often also on a label at the door post or at the fuel filling flap of your car.



ENGINE OFF AT SHORT STOPS

Turn your engine off if you're going to be held up for longer than 3 minutes. A modern engine's fuel consumption during idling is about 0.5-2 litres (0.1-0.5 gallons) per hour, depending on the type. So turn it off when idle, like at a railway crossing. **Sticking to this rule will save you a considerable amount of fuel over the year.** When switching the engine back on, do not press the accelerator. Some vehicles have an automatic stop-start feature that does this for you.



GO EASY ON THE GADGETS

Air conditioning systems, heaters and other gadgets drain your fuel efficiency. All these systems increase fuel consumption significantly. **Try not to use air conditioning when driving at low speeds - open your windows instead.** Fuel consumption can rise by 20% when cooling a car - particularly when stationary. However, when at speeds of over 50mph (80.5 kmh), close the windows. Air conditioning at higher speeds affects fuel consumption less than open windows (due to drag).



AERODYNAMICS

Things like roof boxes create additional wind resistance and increase fuel consumption. All vehicles when built are optimised for their aerodynamics - any additional items on the vehicle (like roof racks and cycle carriers) can significantly impede aerodynamic performance. Specifically, at a speed of 70mph (113kmh) a roof box can cause at least a 20% increase in the amount of fuel consumption. **If you do not need such items regularly, take them off.**



THE MOST FUEL EFFICIENT JOURNEY IS THE ONE YOU NEVER MAKE!

Consider, is your journey really necessary? Could I car share? Could I make use of public transport or even video/ telephone conferencing? Cars are an essential part of most people's daily lives — and especially for those in business. However, where it is possible to cut out that 5 or 10 minute journey every now and then, doing so will save you more fuel than all the tips and tricks in the world.