

REDUCING OUR CARBON FOOTPRINT

DRIVING TOWARDS FUEL EFFICIENCY

DRIVING TO CONSERVE FUEL

- Different driving behaviors can affect fuel economy.
- We can save fuel and money by adopting certain driving techniques.
- The amount of fuel your vehicle consumes depends heavily on how you drive.



ECO DRIVING TECHNIQUES



1

Avoid revving your car engine to a high Revolutions-Per-Minute (RPM) as this will consume more fuel.

Your engine will use lesser fuel if it revolves slower at a lower RPM.

The ideal engine speed to keep is between 1200 - 2000 RPM or maintain it within the 'green zone' (economy) at all times.



2

Start driving from low gear to high gear while maintaining the engine RPM constantly in Green zone.



3

When travelling at high speed, the engine burns more fuel to overcome wind resistance. However, if the speed is slower than 50 km/h, the car engine will shift to a lower gear and this burn more fuel as well.

As such, on the highway where possible, it is best to keep your speed consistent between 50 and 90 km/h to get the best fuel economy.





4

Underinflated tyres generate more friction on the road and this causes higher fuel consumption.

When all tyres are underinflated by 10 psi, this could reduce fuel efficiency by up to 10%.

Always ensure that your tyres are properly inflated.

5

While driving uphill, keep the engine RPM within the green zone.

Use low gear when the vehicle starts to climb the hill (especially on steep hill).



6

When driving automatic car, keep your speed consistent by using the cruise control. This will reduce unnecessary accelerations and decelerations. For manual car, maintain a higher gear when appropriate and avoid dragging in low gear when on high RPM.

This way, your engine will go through less RPM, thus reducing fuel consumption.



7

Avoid tailgating as you will need to slam on the brake when you get dangerously close to the car in front of you.

Such aggressive braking wastes fuel unnecessarily.

Drive within a safe distance from the car in front of you and with a consistent speed.





8

Driving with the windows open creates greater wind resistance, especially when moving at a high speed.

The drag will consume more fuel. Close all windows to ensure better fuel efficiency.



9

A loaded boot adds more weight to your car. For every extra 50kg of weight, the fuel consumption goes up by 2%.

Keep your vehicle light and avoid carrying unnecessary loads to enjoy better fuel efficiency in the long run.



10

Turn off your engine when you are waiting for someone or stopping momentarily for more than three minutes.

Idling engine consumes more fuel and emits carbon dioxide into the atmosphere unnecessarily.

11

Turning on the air-conditioning in full blast uses more energy and fuel.

The engine runs more efficiently when the fan is on cool mode.



12

Look ahead and apply predictive driving such as slowing down as you travel towards red traffic lights instead of braking harshly at the traffic lights, or accelerating steadily when approaching hills instead of revving to high RPM at the foot of the hill.

This can help your vehicle to consume fuel more efficiently.



13

Plan your journey.
Driving through heavy traffic can put a toll on your engine as it burns more fuel with the stop-start movement while on the road.

If possible, avoid the rush hour or peak traffic by planning your travelling time or route.



14

Without regular servicing, a car engine is not able to run smoothly as sludge and corrosion builds up inside it.

Service your car regularly to maintain your engine's fuel efficiency.





ECO-DRIVING

By being attentive to your driving behaviors, you can enjoy a safer drive and more efficient use of fuel.

THANK YOU