



# FUEL ECONOMY

## Did you know?

- **Weight, driving style and maintenance all affect a van's fuel economy.**
- **An unnecessary 45kg in the vehicle reduces mpg (miles per gallon) by 1%.**
- **Engine idling can have a significant impact on a vehicle's fuel economy.**
- **Excessive speed is the biggest fuel-guzzling factor.**



The heavier a van, the more fuel it requires to move so consider whether everything being carried is essential.



Regular maintenance and servicing will improve the efficiency of a vehicle and improve fuel consumption.



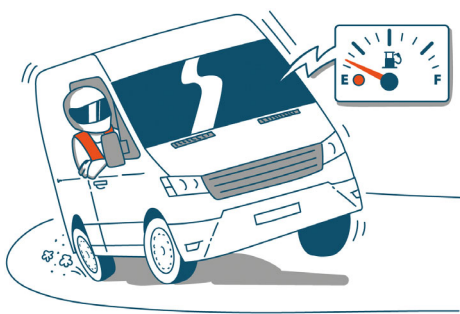
One of the keys to saving fuel is avoiding unnecessary changes in speed when driving.



Equipment such as ladders carried on the vehicle's roof creates drag which increases fuel consumption.

## Best practice tips:

- Accelerate gently.
- Look ahead and anticipate oncoming hazards.
- Keep moving and do not lose momentum if safe to do so.
- Ease off the throttle to reduce speed instead of using the brakes.
- Keep windows closed.
- Listen to the engine to avoid using excessive revs.
- Lighten the load by not keeping unnecessary items in the vehicle.
- Where possible, make one round trip rather than several short trips.



Aggressive driving (speeding, rapid acceleration, and braking) wastes fuel. It can lower fuel economy by 15% to 30% at highway speeds and 10% to 40% in stop-and-go traffic.

A warm engine will operate at its most efficient whereas several cold starts will increase fuel consumption.

Incorrect tyre pressures adversely affect fuel economy. Tyre pressures will vary depending on the load being carried.

The biggest secret to achieving high mpg is driving in the highest possible gear for the vehicle while keeping within the speed limit.

Drivers should anticipate what is going to happen in front by looking well ahead. Seeing traffic lights on red, or approaching a busy roundabout, gives a driver an opportunity to ease back on the accelerator, giving the traffic light time to turn green or the roundabout to clear, reducing the need for unnecessary braking and accelerating, and making for a smoother journey.

Air conditioning uses engine power and increases fuel consumption.