Fuel Consumption Calculator

Gasoline

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Tips to Reduce Your Fuel Consumption and Greenhouse Gas Emissions

1 Vehicle purchasing.

Buy the most fuel-efficient vehicle that meets your everyday needs. Consult the EnerGuide label affixed to new vehicles.

2 Follow the manufacturer's recommended maintenance schedule.

A poorly maintained vehicle can consume more fuel than one that is properly maintained.

3 Keep your tires inflated at the vehicle manufacturer's recommended pressure.

Measure your tire pressure with a gauge at least once a month, when the tires are cold. An under-inflated tire can increase fuel consumption.

4 Avoid unnecessary idling.

If you idle your vehicle for more than 10 seconds, you use more fuel than it would take to restart your engine.

5 Drive at the posted speed limit.

Driving 100 km/h rather than 120 km/h can reduce fuel consumption by up to 20 percent.

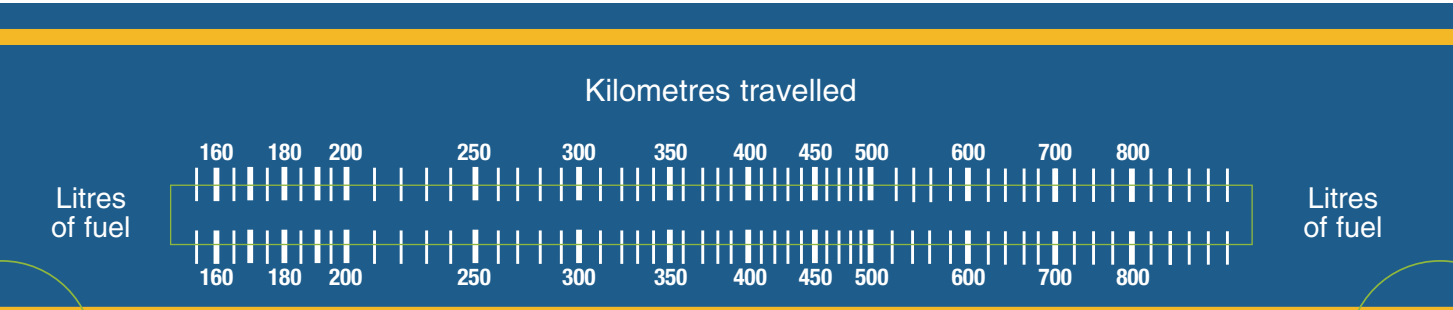
6 Use ethanol-blended gasoline where available.

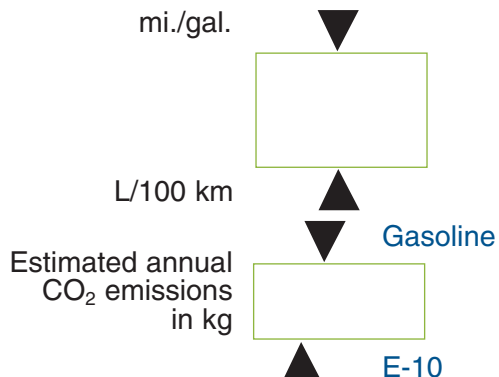
Ethanol-blended gasoline contains up to 10 percent ethanol (E-10), a renewable fuel that reduces greenhouse gas emissions.

Tear off the scale and insert it in the calculator sleeve.

Did you know?

One litre of gasoline produces about 2.4 kg of carbon dioxide (CO_2). CO_2 emissions are a major contributor to climate change.





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How to Use the Calculator and Log

1. At first fill-up, record the odometer reading in the log.
2. At each subsequent fill-up, record the new odometer reading.
3. Subtract the previous reading from the new reading, and record this figure under kilometres travelled.
4. Record the amount of fuel purchased in litres (equals amount of fuel consumed since last fill-up).
5. Using the scale (top window), line up the amount of fuel consumed with the distance travelled in kilometres. Read the numbers aligned with the arrows in the middle window and enter in the log. The scale gives the equivalent values in litres per 100 kilometres (L/100 km) and miles per imperial gallon (mi./gal.). The fewer the L/100 km, the better the fuel consumption; conversely, the greater the mi./gal., the better the fuel consumption.
6. The bottom window indicates the CO_2 emissions based on the estimated annual fuel use from driving 20 000 km – 55 percent in the city and 45 percent on the highway.

Fuel Consumption Log

Date	Odometer reading	Kilometres travelled	Litres of fuel consumed	L/100 km (or mi./gal.)	Estimated annual CO_2 emissions (kg)	Fuel cost ($)
1/7/05	1 17 700 km					
15/7/05	2 18 200 km	3 500 km	4 40 L	5 8 L/100 km (35 mi./gal.)	6 3840 kg/year	$28.00

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Leading Canadians to Energy Efficiency at Home, at Work and on the Road

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