

Towards an



Zone

Taking Action to Reduce Vehicle Idling



sustainable
Dawson Creek
BRITISH COLUMBIA

Presentation Overview

 Why idling is a problem

 Myths about idling

 Dawson Creek Idling Policy

 Benefits of taking action

 Other Fuel Saving Measures

**TURN YOUR
ENGINE OFF**



For Our Health

**TURN YOUR
ENGINE OFF**



Save \$ And Spare Our

**TURN YOUR
ENGINE OFF**



Spare Our Air



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Why Idling Is a Problem

Idling our vehicles:



produces unnecessary pollution that contributes to climate change, smog and health problems;



wastes fuel and costs us money; and



is not good for vehicle engines.

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Canadian's Idling Habits

 Most idle 5–10 minutes a day.

 Idling produces unnecessary emissions of carbon dioxide (CO₂).

 Idling jeopardizes our health.

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It can be done... with the turn of a key



If every driver of a light-duty vehicle in Canada avoided idling for just five minutes a day, we would:



prevent more than 4500 tonnes of CO₂ from entering the atmosphere.



save 1.9 million litres of fuel and;



save \$1.7 million (at \$0.75/litre)

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Idling Myth No. 1

The engine should be warmed up before driving.

Reality



Idling is not an effective way to warm up your vehicle.



Driving your vehicle is the best way to warm it up.



30 seconds of warming up your vehicle on winter days is enough.

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Idling Myth No. 2

Idling is good for your engine.

Reality

 Excessive idling can damage your engine components, including cylinders, spark plugs and the exhaust system.

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Idling Myth No. 3

Shutting off and restarting your vehicle is hard on the engine and uses more gas.

- Reality



Frequent restarting has little impact on engine components.



More than 10 seconds of idling uses more fuel than restarting the engine.

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Current Policy

3. Operating

3.1 Idling

Idling should be reduced among all municipal vehicles where possible. The following guidelines should be followed by all municipal vehicle operators:

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Current Policy



3. Operating

3.1 Idling

- Reduce warm-up idling (no more than 30 seconds as long as windows are clear)
- It takes more gas to idle for more than 10 seconds than it does to restart your vehicle. If stopped for more than 10 seconds, vehicles should be turned off, except in the following circumstances:
 - In traffic
 - In the course of performing a specific duty that requires that the vehicle be left running
 - If the temperature is below -10C
 - If doing so would compromise human safety or the mechanical integrity of the vehicle

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Benefits of Taking Action

- Not idling will:



save money;



improve health;



help to spare Canadian climate and a



reduce engine wear and tear.

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The Five-Step Idle-Free Action Plan

1. Reduce “warm up” idling to 30 seconds.
2. If you are going to be stopped for more than 10 seconds, turn off your engine.
3. Do not use a remote car starter.
4. In temperatures of 0°C or less, use a block heater to warm your engine before you start it.
5. Spread the word to your family and friends.

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Other Fuel Saving Measures



Warm up by driving



Give yourself enough time



Try to make less short trips (Under 5kms)



Plan your trips



Accelerate/decelerate slowly



Avoid “aggressive” driving



Proper Tire Inflation



Be incline/decline savvy

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Other Fuel Saving Measures

Winter Measures



Warm up by driving



Extra snow weight



Snow tires



Proper tire inflation in winter

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Summary



Unnecessary idling produces unnecessary pollution.



Idling wastes fuel and costs us money.



Idling is not good for our vehicles' engines.



We can stop idling and help spare our air, slow climate change and save energy and money.

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For more information



Visit the Idle-Free Zone:

<http://oee.nrcan.gc.ca/idling/idling.cfm>



Canada 