

Stop Needless Idling



Keep the Air Healthy



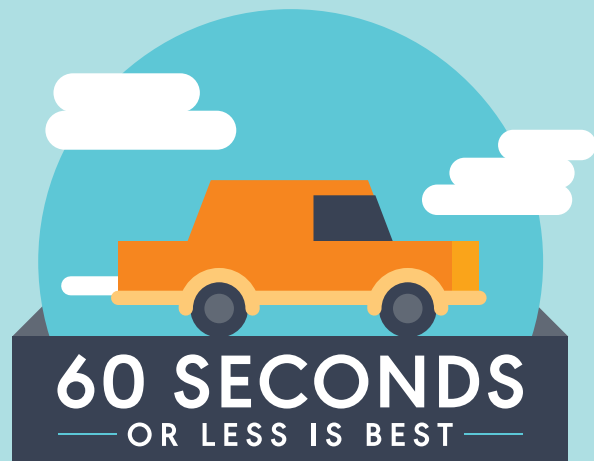
Excessive idling increases emissions of pollutants, such as particulate matter that negatively affect air quality.



Particulate matter can aggravate many health problems particularly among people with heart or lung conditions, older adults and children.



Children are especially at risk because their lungs are still developing and they inhale more air per pound of body weight.



Turn off your vehicle if you're parked for longer than 60 seconds

Air monitoring at schools has shown elevated levels of toxins during pick up times as parents idle their cars while they wait for their kids.



Carpool, take public transit, or active transport to reduce emissions.



Do Your Part

Pledge Now

To Stop Needless Idling

Watch the [Vehicles Idling at Schools Video](#).



Drive Smarter



Use a timer to turn on a block heater ~2 hrs before driving (below -20°C).

The best way to warm up your vehicle is to drive.

Limit warm-up times and remote car starter use to 60 seconds.

References can be found at: albertairshedsCouncil.ca



Stop Needless Idling



Save Fuel & Money



Idling for 10 seconds wastes more fuel than restarting your vehicle.



For the average vehicle with a 3 litre engine, every 10 minutes of idling costs over one quarter of a litre (over 1 cup) in wasted fuel – and up to one half of a litre if your vehicle has a 5 litre engine.



Three minutes of idling per vehicle wastes 1.73 million litres of fuel per day in Canada.



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Idling strips oil from critical engine components like cylinders and pistons.



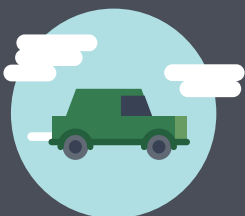
If all drivers reduced needless idling by 3 minutes a day, we would save \$630 million per year, equal to taking 320 000 cars off the road for a year.

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Save Fuel & Money



Instead of needless idling, use a timer to switch on a block heater ~2 hours before you plan to leave. At -20°C, block heaters can improve overall fuel economy by as much as 10 percent.



Even idling diesel engines longer than 7 minutes is typically ill-advised and provides no benefit regardless of climate conditions. A diesel will almost always require driving to reach full operating temperature.



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Annual Fuel Use for Various Vehicle Engine Sizes and Idle Times

Idle Time (Minutes Per Day)	Fuel Use (Litres Per Year)		
	1 Litre Engine	3 Litre Engine	5 Litre Engine
1	4	11	18
2	7	22	37
3	11	33	55
4	15	44	73
5	18	55	91
6	22	66	110
7	26	77	128
8	29	88	146
9	33	99	164
10	37	110	183

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