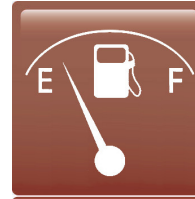




1 minute of idling produces more carbon monoxide than 3 packs of cigarettes!

In addition, each gallon of fuel burned emits about 20 pounds of CO₂. Eliminating unnecessary idling in personal vehicles would have the same effect as removing 6 million cars from our roads.

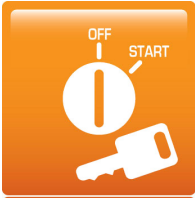
www.enginesoff.com/pdfs/CASEO-Background-Report.pdf



Running on empty.

An idling engine wastes up to 1/2 gallon of fuel per hour and delivers ZERO miles per gallon. Idling with the air conditioner on increases fuel waste and tailpipe emissions.

www.anl.gov/energy-systems/downloads/vehicle-idle-reduction-savings-worksheet



Idling is a turn off!

Idling for more than 10 seconds uses more fuel and produces more CO₂ than restarting your engine. Excessive idling damages engine components, including cylinders, spark plugs and exhaust systems.

www.afdc.energy.gov/uploads/publication/which_is_greener.pdf



Picking up kids from school?

Toxic vehicle emissions are more concentrated at ground level where children breathe. Avoid idling. While waiting, turn off your engine and roll down your window.

www.azdeq.gov/IdlingReductionProgram



Don't be remote.

Avoid using remote vehicle starters. Starting your vehicle before you're ready to drive wastes fuel, pollutes our air, and can damage your engine.

info.ornl.gov/sites/publications/files/Pub61263.pdf



Doing the drive-thru?

Don't! Avoid idling and turn off your engine. Park the car and get some exercise.

www.afdc.energy.gov/conserve/idle_reduction_basics.html



Stop idling. Start breathing.

Ozone, particulates and other tailpipe emissions damage lung tissue, diminish lung function and aggravate respiratory disease. Children and the elderly are especially vulnerable.

www.fhwa.dot.gov/environment/air_quality/publications/fact_book/factbook2016.pdf



Truth or myth? A cold engine needs 30 seconds of idling to warm up.

MYTH. Today's fuel-injected engines are best warmed up by driving at moderate speed. Only in extremely cold temperatures – not reached in Scottsdale – is a pre-drive warmup recommended.

www.businessinsider.com/heres-what-idling-your-car-in-the-morning-is-doing-to-your-engine-and-its-not-good-2016-1



American idle? Not quite!

If each of us idles just 6 minutes a day – in a drive-thru line or while our kids finish soccer practice – we collectively waste 3 billion gallons of fuel every year in passenger vehicles alone.

www.afdc.energy.gov/uploads/publication/idling_personal_vehicles.pdf

Idling Gets You Nowhere

City of Scottsdale
Environmental Quality Advisory Board
2017 - 2018