

# ANNUAL IMPACT

FROM **ONE IDLING VEHICLE**<sup>1</sup>



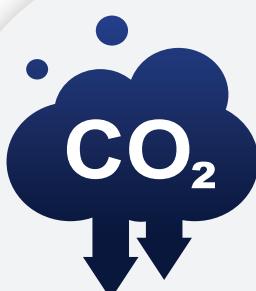
Over **\$1,400**  
in **FUEL WASTED**



Estimated **\$600**  
extra **MAINTENANCE COSTS**  
(Impact: more oil changes,  
worn parts, vehicle down time, etc.)

An additional  
**19,800 miles**   
of **ENGINE WEAR** not on the odometer  
(Impact: premature engine replacement,  
loss of warranty coverage, etc.)

Averaging  
**\$500**  
in anti-idling **FINES** 



Emitting  
**7,920 lbs**  
of **CARBON DIOXIDE**  
into the environment

**\$2,500**  
**EXTRA COST ANNUALLY  
FROM IDLING**

# Prevent Needless Idling

## INTERMOTIVE SYSTEMS PROVIDE:



Customizable conditions/parameters (including temperature)



Trackable savings and data reporting



Automatic stop/start for effortless idle reduction



Anti-theft features to keep vehicle and assets secure



Battery power active to operate lights and equipment



## See the Math

### FUEL WASTE

- The typical engine uses at least 0.6 gallons of fuel per hour idling<sup>2</sup>
- Two hours idling x 0.6 gallons per hour equals 1.2 gallons wasted per day
- 1.2 gallons x \$4 per gallon (average fuel cost) equals \$4.80 per day wasted idling
- \$4.80 per day x 6 days per week x 50 weeks per year equals **\$1,440 per year in fuel wasted by idling**

### ENGINE WEAR

- One hour of idling equals 33 miles engine wear;<sup>3</sup> two hours equals 66 mi. engine wear
- Vehicle operating 6 days per week and 50 weeks per year
- 66 miles per day x 6 days per week x 50 weeks per year equals **19,800 miles of engine wear per year**

### CARBON DIOXIDE EMISSIONS

- Each gallon of diesel fuel produces 22 pounds<sup>4</sup> of carbon dioxide
- 22 lbs per gallon x 1.2 gallons equals 26.4 lbs of CO<sub>2</sub> emitted per day
- 26.4 lbs per day x 6 days per week x 50 weeks per year equals **7,920 lbs CO<sub>2</sub> emitted per year**

<sup>2</sup> Energy.gov

<sup>3</sup> Government-Fleet.com

<sup>4</sup> U.S. Energy Information Administration

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