

How Much Could You Save by Idling Your Light-Duty Vehicle Less?

Instructions:
Fill in the blanks with information about your costs.

Calculate Costs for Avoidable Idling

1	How much fuel is used for idling? You may consult the table below.	How many hours each year do you idle?	What is your fuel's price?			Avoidable Idling Fuel Costs
	<input type="text"/> gallons/hour	× <input type="text"/> hours/year	× \$ <input type="text"/> /gallon	=	\$ <input type="text"/> /year +	
2			What is your average fuel economy?			
	<input type="text"/> gallons/hour	× <input type="text"/> hours/year	× <input type="text"/> miles/gallon	=	<input type="text"/> miles/year	
3	How much does an oil change cost?	How many miles between oil changes?				Preventive Maintenance Costs
	\$ <input type="text"/> /oil change	÷ <input type="text"/> miles	= \$ <input type="text"/> /mile	× <input type="text"/> miles/year	=	\$ <input type="text"/> /year +
4	How much does a new vehicle cost?	How many miles do you expect vehicle to last?				Replacement Costs
	\$ <input type="text"/>	÷ <input type="text"/> miles	= \$ <input type="text"/> /mile	× <input type="text"/> miles/year	=	\$ <input type="text"/> /year
5	Add right-hand column				=	Total Avoidable Idling Costs
						\$ <input type="text"/> /year

How much fuel is used for idling (gal/h)?	
Engine Size (liters)	Idling Fuel Use (gal/h, no accessories)
1	0.16
2	0.32
3	0.48
4	0.63
5	0.79

Engine Size for Example Vehicles			
Year	Manufacturer	Model	Engine Size (liters)
2011	Honda	Civic	1.8
2011	Honda	Accord	2.4
2011	Ford	Fusion	2.5
2011	Toyota	Camry	2.5
2010	Chevrolet	Malibu	3.6
2011	Ford	Explorer	4.0
2010	Chevrolet	Corvette	6.2

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