

## YEARLY VEHICLE FUEL AND EMISSIONS SAVINGS UTILIZING THE SS BADGER

<b>Autos</b>	<b>Light truck/SUVs</b>	<b>Semi Trucks</b>	<b>RVs</b>	<b>Buses</b>	<b>Motorcycles</b>
<i>Savings in gallons of gasoline*</i>			<i>Savings in gallons of diesel*</i>		<i>Gasoline*</i>
432,418	361,920	100,624	25,777	4,938	74,470
<b>TOTAL FUEL SAVINGS PER YEAR (GALS):</b>			<b>1,000,147</b>		
<i>Savings in Total Hydrocarbon (THC) emissions (tons)**</i>					
0.83	1.41	0.24	0.17	0.024	1.65
<b>TOTAL HYDROCARBONS SAVED PER YEAR (TONS)</b>			<b>4.324</b>		
<i>Savings in Carbon Monoxide (CO) emissions (tons)**</i>					
30.2	40.5	1.4	0.54	0.14	27.8
<b>TOTAL CARBON MONOXIDE SAVED PER YEAR (TONS)</b>			<b>100.6</b>		
<i>Savings in Nitrogen Oxide (Nox) emissions (tons)**</i>					
4.32	6.59	5.87	1.55	0.44	1.32
<b>TOTAL NITROGEN OXIDE SAVED PER YEAR (TONS)</b>			<b>20.09</b>		
<i>Savings in Particulate Matter (PM) emissions (pounds)**</i>					
150.2	171.3	468.5	132.4	35.7	131.2
<b>TOTAL PARTICULATE MATTER SAVED PER YEAR (LBS)</b>			<b>1089</b>		

\*Source: US Dept of Energy Transportation Data Book

\*\*Source: US EPA Office of Transportation & Air Quality, Ann Arbor, MI- MOVES Data

