



**TADGER GROUP INTERNATIONAL  
SUMMARY OF LIGHT DUTY VEHICLE  
EMISSIONS TESTING**

**August 17, 2006  
Page 1**

<u>Vehicle Owner &amp; Type</u>	<u>40 km/h Avge</u>			<u>Curb Idle Avge</u>	
	<u>HC ppm</u>	<u>CO %</u>	<u>NO ppm</u>	<u>HC</u>	<u>CO</u>
<b><u>DeFeo Automotive</u></b>					
<b>1988 2.8 L Chevrolet Beretta</b>					
Without Tadger	110	0.2	95	189	0.09
With Tadger	72	0.03	40	194	0.06
<u>% Change</u>	34.5%	85.0%	57.9%	-2.6%	33.3%
<b>1992 5.7 L Chevrolet C1500 Pickup</b>					
Without Tadger	37	0.01	238	69	0.03
With Tadger	32	0.01	208	31	0.01
<u>% Change</u>	13.5%	0.0%	12.6%	55.1%	66.7%
<b>1999 4.6 L Ford F150 Pickup</b>					
Without Tadger	14	0.08	34	17	0.03
With Tadger	10	0.01	2	9	0.02
<u>% Change</u>	28.6%	87.5%	94.1%	47.1%	33.3%
<b>1995 3.3 L Plymouth Voyager</b>					
Without Tadger	35	0.16	27	20	0
With Tadger	26	0.08	20	16	0.01
<u>% Change</u>	25.7%	50.0%	25.9%	20.0%	N/A
<b><u>Tadger Group Int'l</u></b>					
<b>1997 3.8 L Chrysler T &amp; C</b>					
Without Tadger	69	0.05		49	0.03
With Tadger	8	0		8	0
<u>% Change</u>	88.4%	100.0%		83.7%	100.0%
<b><u>Lincoln Auto</u></b>					
<b>1989 Chevrolet C3500</b>					
Without Tadger	136	1.23		232	0.63
With Tadger	88	0.97		108	0.29
<u>% Change</u>	35.3%	21.1%		53.4%	54.0%
<b><u>York Regional Police</u></b>					
<b>2002 3.8 L Chevrolet Impala</b>					
Without Tadger	6	0.01		5	0
With Tadger	3	0		2	0
<u>% Change</u>	50.0%	100.0%		60.0%	
<b><u>Speed Emissions</u></b>					
<b>1999 3.0L Ford Aerostar</b>					
Without Tadger	22	0.09	531	13	0.02
With Tadger	12	0.04	322	10	0.02
<u>% Change</u>	45.5%	55.6%	39.4%	23.1%	



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 Page 2

<u>Vehicle Owner &amp; Type</u>	<u>40 km/h Avge</u>			<u>Curb Idle Avge</u>	
	<u>HC ppm</u>	<u>CO %</u>	<u>NO ppm</u>	<u>HC</u>	<u>CO</u>
<u>L.I.G.R.A.</u>					
<b>1995 7.4L GMC Suburban 2500</b>	HC (g/m)	CO (g/m)	NOx (g/m)		
<b>Without Tadger</b>	1.22	22.79	5.12		
<b>With Tadger</b>	0.24	6.1	2.15		
<u><b>% Change</b></u>	80.3%	73.2%	58.0%		
<b>1997 4.9L Ford Expedition</b>	HC (g/m)	CO (g/m)	NOx (g/m)		
<b>Without Tadger</b>	0.41	6.97	1.04		
<b>With Tadger</b>	0.26	6.9	1.14		
<u><b>% Change</b></u>	36.6%	1.0%	-9.6%		
 <b><u>TOTAL</u></b>					
<b>Without Tadger</b>	<b>43.06</b>	<b>3.16</b>	<b>133.02</b>	<b>74.25</b>	<b>0.10</b>
<b>With Tadger</b>	<b>25.15</b>	<b>1.41</b>	<b>85.04</b>	<b>47.25</b>	<b>0.05</b>
<u><b>% Change</b></u>	<b>40.19%</b>	<b>62.40%</b>	<b>45.98%</b>	<b>42.46%</b>	<b>57.46%</b>