

Comparison of Lambda and gages calibrated for gasoline and E-85 Air/Fuel ratios

Lambda	E85 AFR	Gas AFR	
1.030	10.053	15.141	
1.020	9.955	14.994	
1.010	9.858	14.847	
1.000	9.760	14.700	@ Stoichiometric
0.990	9.662	14.553	
0.980	9.565	14.406	
0.970	9.467	14.259	
0.960	9.370	14.112	
0.950	9.272	13.965	
0.940	9.174	13.818	Avoid the orange area for boost
0.930	9.077	13.671	
0.920	8.979	13.524	
<b>0.910</b>	<b>8.882</b>	<b>13.377</b>	<b>@ Part throttle STREET (economy)</b>
0.900	8.784	13.230	@Lambda = 0.905 Gasoline max power lean (N/A)
0.890	8.686	13.083	
0.880	8.589	12.936	
<b>0.870</b>	<b>8.491</b>	<b>12.789</b>	<b>@ idle</b>
0.860	8.394	12.642	
0.850	8.296	12.495	@Lambda = 0.850 Gasoline max power rich (N/A)
<b>0.840</b>	<b>8.198</b>	<b>12.348</b>	<b>@ Part throttle Race</b>
0.830	8.101	12.201	
0.820	8.003	12.054	
0.810	7.906	11.907	
<b>0.800</b>	<b>7.808</b>	<b>11.760</b>	<b>@ Consistant Race</b>
0.790	7.710	11.613	
0.780	7.613	11.466	
<b>0.770</b>	<b>7.515</b>	<b>11.319</b>	<b>@ Max Power E-85 (N/A)</b>
0.760	7.418	11.172	
<b>0.750</b>	<b>7.320</b>	<b>11.025</b>	<b>@ E-85 - Supercharged/Turbo</b>
0.740	7.222	10.878	
<b>0.730</b>	<b>7.125</b>	<b>10.731</b>	<b>@ E-85 Max Power Multi Turbo</b>
0.720	7.027	10.584	
0.710	6.930	10.437	
0.700	6.832	10.290	
<b>0.690</b>	<b>6.734</b>	<b>10.143</b>	Avoid the red area
<b>0.680</b>	<b>6.637</b>	<b>9.996</b>	
<b>0.670</b>	<b>6.539</b>	<b>9.849</b>	
<b>0.660</b>	<b>6.442</b>	<b>9.702</b>	
<b>0.650</b>	<b>6.344</b>	<b>9.555</b>	
<b>0.640</b>	<b>6.246</b>	<b>9.408</b>	

Boosted source

Mark Sullens (Drag Chevette on <http://www.yellowbullet.com/forum>) E-85 table