

Requested Load Gear Tables - Normal BAT															Mod
	RPM														
	500	1000	1500	2000	2250	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
Gear 1	0.891	0.891	1.4	1.7	1.74	1.8	1.8	1.8	1.8	1.8	1.8	1.79	1.55	1.3	1.1
Gear 2	0.891	0.891	1.4	1.7	1.74	1.8	1.8	1.8	1.8	1.8	1.8	1.79	1.55	1.3	1.1
Gear 3	0.891	0.891	1.4	1.7	1.74	1.8	1.8	1.8	1.8	1.8	1.8	1.79	1.55	1.3	1.1
Gear 4	0.891	0.891	1.4	1.7	1.74	1.8	1.8	1.8	1.8	1.8	1.8	1.79	1.55	1.3	1.1
Gear 5	0.891	0.891	1.4	1.7	1.74	1.8	1.8	1.8	1.8	1.8	1.8	1.79	1.55	1.3	1.1
Gear 6	0.891	0.891	1.4	1.7	1.74	1.8	1.8	1.8	1.8	1.8	1.8	1.79	1.55	1.3	1.1

APP Requested Load - Normal															Mod
	RPM														
	500	1000	1500	2000	2250	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.25	0.53	0.49	0.45	0.38	0.327	0.291	0.219	0.134	0.02	0.02	0.02	0.02	0.02	0.02	0.02
12.5	0.594	0.62	0.79	0.81	0.786	0.68	0.6	0.55	0.51	0.47	0.44	0.41	0.409	0.418	0.28
18.75	0.651	0.669	1.005	1.1	1.11	1.045	0.98	0.885	0.86	0.78	0.75	0.67	0.631	0.491	0.455
25	0.68	0.72	1.11	1.19	1.25	1.25	1.25	1.25	1.25	1.25	1.05	0.83	0.778	0.773	0.751
31.25	0.83	0.83	1.126	1.24	1.39	1.42	1.42	1.42	1.42	1.29	1.19	0.978	0.859	0.817	
37.5	0.847	0.847	1.16	1.4	1.471	1.48	1.48	1.48	1.48	1.49	1.45	1.071	0.933	0.873	
43.75	0.848	0.848	1.2	1.42	1.507	1.54	1.54	1.54	1.54	1.54	1.48	1.13	1.03	0.94	
50	0.85	0.85	1.22	1.46	1.528	1.585	1.585	1.585	1.585	1.585	1.585	1.5	1.161	1.05	0.96
56.25	0.85	0.85	1.225	1.49	1.537	1.65	1.65	1.65	1.65	1.65	1.55	1.194	1.072	0.98	
62.5	0.85	0.85	1.228	1.5	1.61	1.68	1.68	1.68	1.68	1.68	1.64	1.278	1.093	1	
68.75	0.851	0.851	1.23	1.52	1.63	1.7	1.7	1.7	1.7	1.7	1.7	1.344	1.118	1.1	
75	0.851	0.851	1.232	1.6	1.66	1.73	1.73	1.73	1.73	1.73	1.74	1.41	1.16	1.1	
81.25	0.851	0.851	1.234	1.64	1.69	1.75	1.75	1.75	1.75	1.75	1.76	1.455	1.2	1.1	
87.5	0.87	0.87	1.25	1.67	1.72	1.77	1.77	1.77	1.77	1.77	1.77	1.78	1.5	1.24	1.1
93.75	0.891	0.891	1.4	1.7	1.74	1.8	1.8	1.8	1.8	1.8	1.8	1.79	1.55	1.3	1.1
100	0.891	0.891	1.4	1.7	1.74	1.8	1.8	1.8	1.8	1.8	1.8	1.79	1.55	1.3	1.1

APP Requested Load - Normal															Variation
	RPM														
	500	1000	1500	2000	2250	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6.25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.000
18.75	0.000	0.000	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.100	0.100
25	0.000	0.000	0.200	0.130	0.130	0.130	0.170	0.302	0.350	0.440	0.270	0.200	0.220	0.320	0.320
31.25	0.000	0.000	0.100	0.050	0.120	0.140	0.180	0.240	0.330	0.340	0.250	0.340	0.250	0.320	0.320
37.5	0.000	0.000	0.100	0.150	0.120	0.130	0.130	0.210	0.270	0.190	0.270	0.380	0.250	0.320	0.320
43.75	0.000	0.000	0.100	0.100	0.100	0.120	0.140	0.220	0.270	0.200	0.220	0.350	0.270	0.370	0.370
50	0.000	0.000	0.100	0.090	0.080	0.120	0.155	0.215	0.245	0.195	0.190	0.320	0.270	0.370	0.370
56.25	0.000	0.000	0.100	0.090	0.080	0.170	0.210	0.250	0.290	0.240	0.220	0.320	0.270	0.370	0.370
62.5	0.000	0.000	0.100	0.090	0.130	0.180	0.220	0.252	0.290	0.240	0.220	0.370	0.320	0.370	0.370
68.75	0.000	0.000	0.100	0.090	0.130	0.190	0.230	0.250	0.280	0.230	0.220	0.370	0.320	0.370	0.450
75	0.000	0.000	0.100	0.050	0.130	0.200	0.240	0.256	0.280	0.235	0.220	0.370	0.320	0.370	0.430
81.25	0.000	0.000	0.100	0.050	0.130	0.200	0.200	0.240	0.240	0.180	0.220	0.370	0.320	0.370	0.410
87.5	0.000	0.000	0.100	0.050	0.130	0.160	0.160	0.210	0.210	0.140	0.200	0.380	0.320	0.370	0.390
93.75	0.000	0.000	0.240	0.009	0.080	0.063	0.085	0.150	0.157	0.063	0.182	0.365	0.321	0.364	0.361
100	0.000	0.000	0.240	0.009	0.080	0.063	0.085	0.150	0.157	0.063	0.182	0.365	0.321	0.364	0.361

Requested Load Gear Tables - Normal BAT															
	RPM														
	500	1000	1500	2000	2250	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
Gear 1	0.00	0.00	0.24	0.15	0.21	0.40	0.35	0.31	0.31	0.28	0.27	0.37	0.32	0.36	0.36
Gear 2	0.15	0.00	0.24	0.01	0.08	0.06	0.09	0.15	0.16	0.06	0.18	0.37	0.32	0.36	0.36
Gear 3	0.15	0.00	0.24	0.01	0.08	0.06	0.09	0.15	0.16	0.06	0.18	0.37	0.32	0.36	0.36
Gear 4	0.15	0.00	0.24	0.01	0.08	0.06	0.09	0.15	0.16	0.06	0.18	0.37	0.32	0.36	0.36
Gear 5	0.15	0.00	0.24	0.01	0.08	0.06	0.09	0.15	0.16	0.06	0.18	0.37	0.32	0.36	0.36
Gear 6	0.15	0.00	0.24	0.01	0.08	0.06	0.09	0.15	0.16	0.06	0.18	0.37	0.32	0.36	0.36

Requested Load Gear Tables - Normal BAT															Stock
	RPM														
	500	1000	1500	2000	2250	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
Gear 1	0.891	0.891	1.16	1.548	1.527	1.4	1.45	1.488	1.49	1.522	1.53	1.425	1.2286	0.9358	0.7395
Gear 2	0.74	0.891	1.16	1.691	1.66	1.737	1.715	1.65	1.643	1.737	1.618	1.425	1.2286	0.9358	0.7395
Gear 3	0.74	0.891	1.16	1.691	1.66	1.737	1.715	1.65	1.643	1.737	1.618	1.425	1.2286	0.9358	0.7395
Gear 4	0.74	0.891	1.16	1.691	1.66	1.737	1.715	1.65	1.643	1.737	1.618	1.425	1.2286	0.9358	0.7395
Gear 5	0.74	0.891	1.16	1.691	1.66	1.737	1.715	1.65	1.643	1.737	1.618	1.425	1.2286	0.9358	0.7395
Gear 6	0.74	0.891	1.16	1.691	1.66	1.737	1.715	1.65	1.643	1.737	1.618	1.425	1.2286	0.9358	0.7395

APP Requested Load - Normal			Stock													
RPM																
	500	1000	1500	2000	2250	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.25	0.53	0.49	0.45	0.38	0.327	0.291	0.219	0.134	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
12.5	0.594	0.62	0.69	0.71	0.686	0.58	0.5	0.45	0.41	0.37	0.34	0.31	0.309	0.318	0.318	0.28
18.75	0.651	0.669	0.805	0.9	0.91	0.845	0.78	0.685	0.66	0.58	0.55	0.47	0.431	0.391	0.355	
25	0.68	0.72	0.91	1.06	1.12	1.12	1.08	0.948	0.9	0.81	0.78	0.63	0.558	0.453	0.431	
31.25	0.83	0.83	1.026	1.19	1.27	1.28	1.24	1.18	1.09	1.08	1.04	0.85	0.728	0.539	0.497	
37.5	0.847	0.847	1.06	1.25	1.351	1.35	1.35	1.27	1.21	1.29	1.22	1.07	0.821	0.613	0.553	
43.75	0.848	0.848	1.1	1.32	1.407	1.42	1.4	1.32	1.27	1.34	1.32	1.13	0.86	0.66	0.57	
50	0.85	0.85	1.12	1.37	1.448	1.465	1.43	1.37	1.34	1.39	1.395	1.18	0.891	0.68	0.59	
56.25	0.85	0.85	1.125	1.4	1.457	1.48	1.44	1.4	1.36	1.41	1.43	1.23	0.924	0.702	0.61	
62.5	0.85	0.85	1.128	1.41	1.48	1.5	1.46	1.428	1.39	1.44	1.46	1.27	0.958	0.723	0.63	
68.75	0.851	0.851	1.13	1.43	1.5	1.51	1.47	1.45	1.42	1.47	1.48	1.33	1.024	0.748	0.65	
75	0.851	0.851	1.132	1.55	1.53	1.53	1.49	1.474	1.45	1.495	1.51	1.37	1.09	0.79	0.67	
81.25	0.851	0.851	1.134	1.59	1.56	1.55	1.55	1.51	1.51	1.57	1.53	1.39	1.135	0.83	0.69	
87.5	0.87	0.87	1.15	1.62	1.59	1.61	1.61	1.56	1.56	1.63	1.57	1.4	1.18	0.87	0.71	
93.75	0.891	0.891	1.16	1.691	1.66	1.737	1.715	1.65	1.643	1.737	1.618	1.425	1.2286	0.9358	0.7395	
100	0.891	0.891	1.16	1.691	1.66	1.737	1.715	1.65	1.643	1.737	1.618	1.425	1.2286	0.9358	0.7395	

Closed Loop Base Timing Normal										Mod				
RPM														
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
0.3125	37.5	37.5	46.7	48.1	50.5	54.6	58.1	62.9	63.1	60	50.8	52.2	44.8	49
0.375	24.5	31.9	39.7	36	37.8	40.9	43.4	40.8	40.7	41	42	42	38	40.5
0.4375	26	32	40	36	36	39	41	39	34.4	34	39	35	37	39.5
0.5	23	31	38	35	35	37	35.5	37	28.1	29	34	32	28	32
0.5625	15.9	20.5	26.5	26	31.5	32.5	30	25	25.6	24	27	25	25	25
0.625	9	11.5	20.5	21.5	27.5	28.5	24.4	23.7	23.6	20.5	23.5	23.5	21.5	21.5
0.6875	6	8.5	12	16.8	23.5	24.5	22.5	21.6	20	18.5	22.6	22.6	20.5	20.5
0.75	4	5.5	7.3	11.3	18.9	21.5	19.5	20.3	17.5	15	21.8	21.8	19	19
0.8125	4	0.5	4.7	6.5	15	14	17	17	16.6	14	20.9	20.9	17.5	17.5
0.875	3	0	3	4	12	13	15	15	16.1	13	20	20	16	15
0.9375	2	-0.5	0	0.5	8.5	10	14	13.5	15.3	12.1	19.1	19.1	15	14
1	1	-1.5	0	-0.5	7	8	10	12.5	14.4	11.2	18.2	18.2	14	13.5
1.0625	0	-2.5	-2.5	-1.5	5	7.5	10	11.5	13.6	10.4	17.4	17.4	12.5	13.5
1.125	-1	-3.5	-5.5	-3	4	6.5	9	10.5	12.7	12.6	16.5	16.6	12	12.5
1.1875	-2	-4.5	-6.5	-4.5	2	5.7	8	9.5	11.8	11.9	15.5	15.9	11.5	11.5
1.25	-3	-5.5	-7.5	-6	0.5	4.8	7.5	8.6	10.9	11.2	14.5	15.2	11.5	10.5
1.3125	-4	-6.5	-8.5	-7.5	0	3.9	6.5	7.8	10	10.2	13.2	14.2	10.5	9.5
1.375	-5	-7.5	-9.5	-8	-1	3	5.6	6.9	9.2	9.2	14	13.2	9.5	8.5
1.4375	-6	-8.5	-10.5	-9	-2	2.1	4.7	6	8.3	8.2	15	12.2	8.5	7.5
1.5	-7	-9.5	-11.5	-9.5	-3	1.2	3.9	5.1	7.5	7.2	14.2	11.2	7.5	6.5
1.5625	-8	-10.5	-12.5	-10.5	-4	0.3	2.9	4.1	6.5	6.2	13.2	10.2	6.5	5.5
1.625	-9	-11.5	-13.5	-11.5	-5	-0.5	2	3.2	5.5	5.2	12.2	9.2	5.5	4.5
1.6875	-10	-12.5	-14.5	-12.5	-6	-1.5	1	2.2	4.5	4.2	11.2	8.2	4.5	3.5
1.75	-11	-13.5	-15.5	-13.5	-7	-2.5	0	1.2	3.5	3.2	10.2	7.2	3.5	2.5
1.8125	-12	-14.5	-16.5	-14.5	-8	-3.5	-1	0.2	2.5	2.2	9.2	6.2	2.5	1.5
1.875	-13	-15.5	-17.5	-15.5	-9	-4.5	-2	-0.8	1.5	1.2	8.2	5.2	1.5	0.5
1.9375	-14	-16.5	-18.5	-16.5	-10	-5.5	-3	-1.8	0.5	0.2	7.2	4.2	0.5	-0.5
2	-15	-17.5	-19.5	-17.5	-11	-6.5	-4	-2.8	-0.5	-0.8	6.2	3.2	-0.5	-1.5

Closed Loop Base Timing Normal										Stock							
	RPM																
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000			
0.3125	37.5	37.5	46.7	48.1	50.5	54.6	58.1	62.9	63.1	60	50.8	52.2	44.8	49			
0.375	24.5	31.9	39.7	36	37.8	40.9	43.4	40.8	40.7	41	42	42	38	40.5			
0.4375	26	32	40	36	36	39	41	39	34.4	34	39	35	37	39.5			
0.5	23	31	38	35	35	37	35.5	37	28.1	29	34	32	28	32			
0.5625	15.9	20.5	26.5	26	31.5	32.5	30	25	25.6	24	27	25	25	25			
0.625	9	11.5	20.5	21.5	27.5	28.5	24.4	23.7	23.6	20.5	23.5	23.5	21.5	21.5			
0.6875	6	8.5	12	16.8	23.5	24.5	22.5	21.6	20	18.5	22.6	22.6	20.5	20.5			
0.75	4	5.5	7.3	11.3	18.9	21.5	19.5	20.3	17.5	15	21.8	21.8	19	19			
0.8125	4	0.5	4.7	6.5	15	14	17	17	16.6	14	20.9	20.9	17.5	17.5			
0.875	3	0	3	4	12	13	15	15	16.1	13	20	20	16	15			
0.9375	2	-0.5	0	0.5	8.5	10	14	13.5	15.3	12.1	19.1	19.1	15	14			
1	1	-1.5	0	-0.5	7	8	10	12.5	14.4	11.2	18.2	18.2	14	13.5			
1.0625	0	-2.5	-2.5	-1.5	5	7.5	10	11.5	13.6	10.4	17.4	17.4	12.5	13.5			
1.125	-1	-3.5	-5.5	-3	4	6.5	9	10.5	12.7	12.6	16.5	16.6	12	12.5			
1.1875	-2	-4.5	-6.5	-4.5	2	5.7	8	9.5	11.8	11.9	15.5	15.9	11.5	11.5			
1.25	-3	-5.5	-7.5	-6	0.5	4.8	7.5	8.6	10.9	11.2	14.5	15.2	11.5	10.5			
1.3125	-4	-6.5	-8.5	-7.5	0	3.9	6.5	7.8	10	10.2	13.2	14.2	10.5	9.5			
1.375	-5	-7.5	-9.5	-8	-1	3	5.6	6.9	9.2	9.2	14	13.2	9.5	8.5			
1.4375	-6	-8.5	-10.5	-9	-2	2.1	4.7	6	8.3	8.2	15	12.2	8.5	7.5			
1.5	-7	-9.5	-11.5	-9.5	-3	1.2	3.9	5.1	7.5	7.2	14.2	11.2	7.5	6.5			
1.5625	-8	-10.5	-12.5	-10.5	-4	0.3	2.9	4.1	6.5	6.2	13.2	10.2	6.5	5.5			
1.625	-9	-11.5	-13.5	-11.5	-5	-0.5	2	3.2	5.5	5.2	12.2	9.2	5.5	4.5			
1.6875	-10	-12.5	-14.5	-12.5	-6	-1.5	1	2.2	4.5	4.2	11.2	8.2	4.5	3.5			
1.75	-11	-13.5	-15.5	-13.5	-7	-2.5	0	1.2	3.5	3.2	10.2	7.2	3.5	2.5			
1.8125	-12	-14.5	-16.5	-14.5	-8	-3.5	-1	0.2	2.5	2.2	9.2	6.2	2.5	1.5			
1.875	-13	-15.5	-17.5	-15.5	-9	-4.5	-2	-0.8	1.5	1.2	8.2	5.2	1.5	0.5			
1.9375	-14	-16.5	-18.5	-16.5	-10	-5.5	-3	-1.8	0.5	0.2	7.2	4.2	0.5	-0.5			
2	-15	-17.5	-19.5	-17.5	-11	-6.5	-4	-2.8	-0.5	-0.8	6.2	3.2	-0.5	-1.5			

Closed Loop Base Timing Normal					Variation										
	RPM														
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	
0.3125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.4375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.5625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.6875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.8125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.9375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.0625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.1875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.4375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.5625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.6875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.8125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.9375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Closed Loop Ignition Timing					Blended		This table is Max - Base.									
RPM	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000		
0.125	27.5	27.5	36.7	41.1	43.5	44.6	48.1	52.9	53.1	50	40.8	42.2	34.8	39		
0.1875	27.5	27.5	41.7	46.1	48.5	49.6	53.1	57.9	58.1	50	40.8	42.2	34.8	39		
0.25	21.1	25.7	39.4	42.1	44.3	45	48.2	50.6	51.6	43.7	40.8	42.2	34.8	39		
0.3125	-19.7	-13.7	-9.6	-10	-10.5	-14.2	-14.8	-19.7	-17.9	-22.7	-10	-10	-10	-10		
0.375	-10	-10	-5	-2	-2	-5	-5	-5	-2	-10	-4.4	-1.9	-3.6	-3.4		
0.4375	-13.7	-11.3	-7	-3.8	-2	-5.2	-5	-5.2	1.6	-4.9	-3	2.9	-2.9	-3.7		
0.5	-12.6	-11.4	-6.7	-4.7	-2.7	-5.1	-1.9	-5.2	5.3	-1.8	0.5	3.8	5.7	2.6		
0.5625	-6.5	-2.1	3.2	2.5	-1	-2.6	1.3	4.8	5.2	1.4	6	8.8	9.4	8.3		
0.625	-1	5.9	6.5	5.9	1.7	-0.2	4.7	4.7	5.4	3.6	8.5	8.7	13.5	10.3		
0.6875	1.3	3.6	11.3	9.4	4.4	2.2	4.5	5.1	7.3	4.6	8.4	8.1	14	9.8		
0.75	2.3	5.6	15	11.7	6.3	4.1	7.7	5.9	7.6	7.1	8.2	6.9	15	10.5		
0.8125	1.2	9.7	14.1	11.9	7.1	9.9	6.1	7.5	6.5	7.1	8.1	6	10.8	12		
0.875	1.2	9.2	14.8	12.2	8.4	10.8	8.5	7.1	6	7.1	8	5	11.3	13.5		
0.9375	1.2	8.7	16.8	14.4	11.2	9.7	8.5	7.6	5.8	7	7.9	4.9	12	13.5		
1	1.2	8.7	15.8	14.2	10.7	11.4	11.5	7.6	5.7	6.9	7.8	4.8	13	13		
1.0625	1.2	8.7	17.3	13.9	10.7	11.6	10.5	7.6	5.5	6.7	7.6	4.6	13.5	12		
1.125	1.2	8.7	19.3	14.4	8.1	11.6	10.5	7.6	5.4	3.5	7.5	4.4	13	12		
1.1875	1.2	8.7	17.8	13.4	5	10.9	9.5	6.6	3.3	3.2	7.5	4.1	12.5	12		
1.25	1.2	8.7	17.8	13.9	5.5	10.8	9	6.5	3.2	2.9	7.5	3.8	11.5	12		
1.3125	1.2	8.7	17.8	14.4	5	10.7	9	6.3	3.1	2.9	7.8	3.8	11.5	12		
1.375	1.2	8.7	17.8	13.9	5	9.6	7.9	5.2	1.9	2.9	6	3.8	11.5	12		
1.4375	1.2	8.7	17.8	13.9	5	9.5	7.8	5.1	0.8	2.9	4	3.8	11.5	12		
1.5	1.2	8.7	17.8	13.4	5	9.4	7.6	5	0.6	2.9	3.8	3.8	11.5	12		
1.5625	1.2	8.7	17.8	13.4	5	8.3	5.6	3	0.6	2.9	3.8	3.8	11.5	12		
1.625	1.2	8.7	17.8	13.4	5	8.1	5.5	2.9	-0.4	1.9	2.8	2.8	10.5	11		
1.6875	1.2	8.7	17.8	13.4	5	8.1	4.5	1.9	-1.4	0.9	1.8	1.8	9.5	10		
1.75	1.2	8.7	17.8	13.4	4	7.1	3.5	-0.1	-2.4	-0.1	0.8	0.8	8.5	9		
1.8125	1.2	8.7	17.8	13.4	4	7.1	3.5	-0.1	-2.4	-0.1	0.8	0.8	8.5	9		
1.875	1.2	8.7	17.8	13.4	4	7.1	3.5	-0.1	-2.4	-0.1	0.8	0.8	8.5	9		
1.9375	1.2	8.7	17.8	13.4	4	7.1	3.5	-0.1	-2.4	-0.1	0.8	0.8	8.5	9		
2	1.2	8.7	17.8	13.4	4	7.1	3.5	-0.1	-2.4	-0.1	0.8	0.8	8.5	8		

Open Loop Max Ignition Timing										Stock				
RPM	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
0.125	27.5	27.5	36.7	41.1	43.5	44.6	48.1	52.9	53.1	50	40.8	42.2	34.8	39
0.1875	27.5	27.5	36.7	41.1	43.5	44.6	48.1	52.9	53.1	50	40.8	42.2	34.8	39
0.25	21.1	25.7	34.4	37.1	39.3	40	43.2	45.6	46.6	43.7	40.8	42.2	34.8	39
0.3125	17.8	23.8	32.1	33.1	35	35.4	38.3	38.2	40.2	37.3	40.8	42.2	34.8	39
0.375	14.5	21.9	29.7	29	30.8	30.9	33.4	30.8	33.7	31	38	40.1	34.4	37.1
0.4375	12.3	20.7	28	27.2	29	28.8	31	28.8	31	29	35.2	37.9	34.1	35.8
0.5	10.4	19.6	26.3	25.3	27.3	26.9	28.6	26.8	28.4	27.1	32.5	35.8	33.7	34.6
0.5625	9.4	18.4	24.7	23.5	25.5	24.9	26.3	24.8	25.8	25.2	29.8	33.8	34.4	33.3
0.625	8	17.4	22	22.4	24.2	23.3	24.1	23.4	24.5	24.7	29.8	32.2	35	31.8
0.6875	7.3	12.1	19.3	21.2	22.9	21.7	22	21.9	23.2	24.2	29.8	30.7	34.5	30.3
0.75	6.3	11.1	18.3	19	21.2	21.6	22.2	22	23.4	24.5	29.8	28.7	34	29.5
0.8125	5.2	10.2	17.3	16.9	19.6	21.4	22.4	22.1	23.6	24.8	29.1	26.9	28.3	29.5
0.875	4.2	9.2	16.3	14.7	17.9	21.3	22.6	22.3	23.8	25	28.7	25	27.3	28.5
0.9375	3.2	8.2	15.3	13.4	17.2	20.4	22.2	21.4	23.2	24.1	27.4	24	27	27.5
1	2.2	7.2	14.3	12.2	16.4	19.4	21.7	20.5	22.5	23.2	26.2	23	27	26.5
1.0625	1.2	6.2	13.3	10.9	15.7	18.5	21.3	19.6	21.9	22.3	24.9	22	26	25.5
1.125	0.2	5.2	12.3	9.9	14.7	17.5	20.3	19.2	21.4	22	23.9	21	25	24.5
1.1875	-0.8	4.2	11.3	8.9	13.7	16.5	19.3	18.8	20.9	21.7	22.9	20	24	23.5
1.25	-1.8	3.2	10.3	7.9	12.7	15.5	18.3	18.5	20.5	21.4	21.9	19	23	22.5
1.3125	-2.8	2.2	9.3	6.9	11.7	14.5	17.3	18.2	20.7	20.4	20.9	18	22	21.5
1.375	-3.8	1.2	8.3	5.9	10.7	13.5	16.3	18	20.9	19.4	19.9	17	21	20.5
1.4375	-4.8	0.2	7.3	4.9	9.7	12.5	15.3	17.8	21.1	18.4	18.9	16	20	19.5
1.5	-5.8	-0.8	6.3	3.9	8.7	11.5	14.3	16.8	20.1	17.4	17.9	15	19	18.5
1.5625	-6.8	-1.8	5.3	2.9	7.7	10.5	13.3	15.8	19.1	16.4	16.9	14	18	17.5
1.625	-7.8	-2.8	4.3	1.9	6.7	9.5	12.3	14.8	18.1	15.4	15.9	13	17	16.5
1.6875	-8.8	-3.8	3.3	0.9	5.7	8.5	11.3	13.8	17.1	14.4	14.9	12	16	15.5
1.75	-9.8	-4.8	2.3	-0.1	4.7	7.5	10.3	12.8	16.1	13.4	13.9	11	15	14.5
1.8125	-10.8	-5.8	1.3	-1.1	3.7	6.5	9.3	11.8	15.1	12.4	12.9	10	14	13.5
1.875	-11.8	-6.8	0.3	-2.1	2.7	5.5	8.3	10.8	14.1	11.4	11.9	9	13	12.5
1.9375	-12.8	-7.8	-0.7	-3.1	1.7	4.5	7.3	9.8	13.1	10.4	10.9	8	12	11.5
2	-13.8	-8.8	-1.7	-4.1	0.7	3.5	6.3	8.8	12.1	9.4	9.9	7	11	10.5

Open Loop Base Timing Normal										Stock				
RPM	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
0.3125	37.5	37.5	46.7	51.1	53.5	54.6	58.1	62.9	63.1	60	50.8	52.2	44.8	55.4
0.375	24.5	31.9	39.7	39	40.8	40.9	43.4	40.8	40.7	43	45	45	41	43.5
0.4375	26	32	40	39	39	39	41	39	34.4	40	42	36.5	40	42.5
0.5	23	31	38	38	38	37	35.5	37	28.1	32	39	35.5	29	34
0.5625	15.9	20.5	26.5	29	34.5	32.5	30	25	25.6	24.5	31	31.5	26.5	28.4
0.625	9	11.5	20.5	24.5	30.5	28.5	24.4	23.7	24.6	20.5	29	25.5	24.5	27
0.6875	6	8.5	12	19.8	26.5	24.5	22.5	21.6	23.4	20.5	24.5	24.3	24.3	24.3
0.75	2	5.5	7.3	14.3	21.9	21.5	19.5	20.3	19.5	21.5	24.5	23	24	21.5
0.8125	-3	1.5	4.7	9.5	18	14	17	17.5	18.8	20	24.3	22.8	23	21.3
0.875	-3.5	-2	3	7	15	13	15	16.5	18	18.5	22	22.5	22.5	21
0.9375	-4.5	-2	0	3.5	11.5	10	14	15	17.5	17.3	20.8	21	21.5	21.8
1	-5.5	-3.5	-2	2.5	10	8	10	14.5	16.5	16	19.5	19.5	21.5	20
1.0625	-6.5	-4.5	-3.5	1.5	8	8	10	12.5	15	14.5	18	18	20.5	19
1.125	-7.5	-5.5	-3.5	0	7	7	9	12	13	16	16.5	18	19	16.5
1.1875	-8.5	-6.5	-3.5	-1.5	5	6	8	11.5	12.5	14.5	15.5	17.2	18	15.5
1.25	-9.5	-7.5	-4.5	-3	4	5	8	10	12	13.5	14.5	17.2	17	14.5
1.3125	-10.5	-8.5	-5.5	-3	3	4.5	6.5	8.5	10.5	12.5	13.2	17	16	13.5
1.375	-11.5	-9.5	-6.5	-3	2	3	6.5	8	10	12	14	16	15	12.5
1.4375	-12.5	-10.5	-7.5	-4	1	3	5	7.5	9.5	12	15	14	14	11.5
1.5	-13.5	-11.5	-8.5	-4.5	0.3	2.5	4.9	6.5	9	12	15	13	13	10.5
1.5625	-14.5	-12.5	-9.5	-5.5	-0.5	2	4.5	6.5	8	12.5	14	12	12	9.5
1.625	-15.5	-13.5	-10.5	-5.5	-1	2	5	6.5	7	12.5	13	11	11	8.5
1.6875	-16.5	-14.5	-11.5	-3.5	-1	1.5	5	6.5	8.5	12	12	10	10	7.5
1.75	-17.5	-15.5	-12.5	-3.5	-1	1.5	4.5	6	8.5	11.5	11	9	9	6.5
1.8125	-18.5	-16.5	-13.5	-4.5	-2	0.5	3.5	5	8	10.5	10	8	8	5.5
1.875	-19.5	-17.5	-14.5	-5.5	-3	-0.5	2.5	4	7	9.5	9	7	7	4.5
1.9375	-20.5	-18.5	-15.5	-6.5	-4	-1.5	1.5	3	6	8.5	8	6	6	3.5
2	-21.5	-19.5	-16.5	-7.5	-5	-2.5	0.5	2	5	7.5	7	5	5	2.5

Open Loop Max Ignition Timing										Mod							
RPM	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000			
0.125	27.5	27.5	36.7	41.1	43.5	44.6	48.1	52.9	53.1	50	40.8	42.2	34.8	39			
0.1875	27.5	27.5	41.7	46.1	48.5	49.6	53.1	57.9	53.1	50	40.8	42.2	34.8	39			
0.25	21.1	25.7	39.4	42.1	44.3	45	48.2	50.6	46.6	43.7	40.8	42.2	34.8	39			
0.3125	17.8	23.8	37.1	38.1	40	40.4	43.3	43.2	40.2	37.3	40.8	42.2	34.8	39			
0.375	14.5	21.9	34.7	34	35.8	35.9	38.4	35.8	33.7	31	38	40.1	34.4	37.1			
0.4375	12.3	20.7	33	32.2	34	33.8	36	33.8	31	29	35.2	37.9	34.1	35.8			
0.5	10.4	19.6	31.3	30.3	32.3	31.9	33.6	31.8	28.4	27.1	32.5	35.8	33.7	34.6			
0.5625	9.4	18.4	29.7	28.5	30.5	29.9	31.3	29.8	25.8	25.2	29.8	33.8	34.4	33.3			
0.625	8	17.4	27	27.4	29.2	28.3	29.1	28.4	24.5	24.7	29.8	32.2	35	31.8			
0.6875	7.3	12.1	24.3	26.2	27.9	26.7	27	26.9	23.2	24.2	29.8	30.7	34.5	30.3			
0.75	6.3	11.1	23.3	24	26.2	26.6	27.2	27	23.4	24.5	29.8	28.7	34	29.5			
0.8125	5.2	10.2	18.8	18.4	22.1	23.9	26.4	26.1	23.6	24.8	29.1	26.9	28.3	29.5			
0.875	4.2	9.2	17.8	16.2	20.4	23.8	26.6	26.3	23.8	25	28.7	25	27.3	28.5			
0.9375	3.2	8.2	16.8	14.9	19.7	22.9	26.2	25.4	23.2	24.1	27.4	24	27	27.5			
1	2.2	7.2	15.8	13.7	18.9	21.9	25.7	24.5	22.5	23.2	26.2	23	27	26.5			
1.0625	1.2	6.2	14.8	12.4	18.2	21	25.3	23.6	21.9	22.3	24.9	22	26	25.5			
1.125	0.2	5.2	13.8	11.4	17.2	20	24.3	23.2	21.4	22	23.9	21	25	24.5			
1.1875	-0.8	4.2	11.3	8.9	14.7	18.5	22.3	21.8	20.9	21.7	22.9	20	24	23.5			
1.25	-1.8	3.2	10.3	7.9	13.7	17.5	21.3	21.5	20.5	21.4	21.9	19	23	22.5			
1.3125	-2.8	2.2	9.3	6.9	12.7	16.5	20.3	21.2	20.7	20.4	20.9	18	22	21.5			
1.375	-3.8	1.2	8.3	5.9	11.7	15.5	19.3	21	20.9	19.4	19.9	17	21	20.5			
1.4375	-4.8	0.2	7.3	4.9	10.7	14.5	18.3	20.8	21.1	18.4	18.9	16	20	19.5			
1.5	-5.8	-0.8	6.3	3.9	8.7	9.5	12.3	14.8	18.1	15.4	15.9	13	17	16.5			
1.5625	-6.8	-1.8	5.3	2.9	7.7	8.5	10.3	12.8	16.1	13.4	13.9	11	15	14.5			
1.625	-7.8	-2.8	4.3	1.9	6.7	7.5	9.3	11.8	15.1	12.4	12.9	10	14	13.5			
1.6875	-8.8	-3.8	3.3	0.9	5.7	6.5	8.3	10.8	14.1	11.4	11.9	9	13	12.5			
1.75	-9.8	-4.8	2.3	-0.1	4.7	5.5	7.3	9.8	13.1	10.4	10.9	8	12	11.5			
1.8125	-10.8	-5.8	1.3	-1.1	3.7	4.5	6.3	8.8	12.1	9.4	9.9	7	11	10.5			
1.875	-11.8	-6.8	0.3	-2.1	2.7	3.5	5.3	7.8	11.1	8.4	8.9	6	10	9.5			
1.9375	-12.8	-7.8	-0.7	-3.1	1.7	2.5	4.3	6.8	10.1	7.4	7.9	5	9	8.5			
2	-13.8	-8.8	-1.7	-4.1	0.7	1.5	3.3	5.8	9.1	6.4	6.9	4	8	7.5			

WasteGate Duty Cycle		Stock																
	RPM																	
	500	1000	1500	2000	2250	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000			
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
25	100	100	100	62	46	40	38	42	50	62	80	72	36	0	0	0		
31.25	100	100	100	62	46	40	38	42	50	62	80	72	36	0	0	0		
37.5	100	100	100	62	46	40	38	42	50	62	80	72	36	0	0	0		
43.75	100	100	100	62	46	40	38	42	50	62	80	72	36	0	0	0		
50	100	100	100	62	46	40	38	42	50	62	80	72	36	0	0	0		
56.25	100	100	100	62	46	40	38	42	50	62	80	72	36	0	0	0		
62.5	100	100	100	62	46	40	38	42	50	62	80	72	36	0	0	0		
68.75	100	100	100	62	46	40	38	42	50	62	80	72	36	0	0	0		
75	100	100	100	62	46	40	38	42	50	62	80	72	36	0	0	0		
81.25	100	100	100	62	48	46	41	42	50	66	80	72	36	0	0	0		
87.5	100	100	100	63.8	52.2	50.4	45.8	45.4	50	70.8	80	72	36	0	0	0		
93.75	100	100	100	63.8	52.2	50.4	45.8	45.4	50	70.8	80	72	36	0	0	0		
100	100	100	100	63.8	52.2	50.4	45.8	45.4	50	70.8	80	72	36	0	0	0		

WasteGate Duty Cycle		Mod																	
RPM																			
	500	1000	1500	2000	2250	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
18.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
25	100	100	100	45	44	40	38	41	50	62	0	0	0	0	0	0			
31.25	100	100	100	45	44	40	38	50	50	62	0	0	0	0	0	0			
37.5	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			
43.75	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			
50	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			
56.25	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			
62.5	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			
68.75	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			
75	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			
81.25	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			
87.5	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			
93.75	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			
100	100	100	100	45	44	45	47	51	53	75	80	72	36	0	0	0			

WasteGate Duty Cycle			Variation																
RPM																			
	500	1000	1500	2000	2250	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
25	0	0	0	-17	-2	0	0	-1	0	62	0	0	0	0	0	0	0		
31.25	0	0	0	-17	-2	0	0	8	0	0	0	0	0	0	0	0	0		
37.5	0	0	0	-17	-2	5	9	9	3	13	0	0	0	0	0	0	0		
43.75	0	0	0	-17	-2	5	9	9	3	13	0	0	0	0	0	0	0		
50	0	0	0	-17	-2	5	9	9	3	13	0	0	0	0	0	0	0		
56.25	0	0	0	-17	-2	5	9	9	3	13	0	0	0	0	0	0	0		
62.5	0	0	0	-17	-2	5	9	9	3	13	0	0	0	0	0	0	0		
68.75	0	0	0	-17	-2	5	9	9	3	13	0	0	0	0	0	0	0		
75	0	0	0	-17	-2	5	9	9	3	13	0	0	0	0	0	0	0		
81.25	0	0	0	-17	-4	-1	6	9	3	9	0	0	0	0	0	0	0		
87.5	0	0	0	-18.8	-8.2	-5.4	1.2	5.6	3	4.2	0	0	0	0	0	0	0		
93.75	0	0	0	-18.8	-8.2	-5.4	1.2	5.6	3	4.2	0	0	0	0	0	0	0		
100	0	0	0	-18.8	-8.2	-5.4	1.2	5.6	3	4.2	0	0	0	0	0	0	0		

OL Part Throttle AFR Normal					Mod											
	RPM															
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000		
0.25	1	1	1	1	1	1	1	1	1	1	0.976	0.972	0.931	0.84		
0.3125	1	1	1	1	1	1	1	1	1	1	0.976	0.972	0.931	0.84		
0.375	1	1	1	1	1	1	1	1	1	1	0.976	0.951	0.915	0.84		
0.4375	1	1	1	1	1	1	1	1	1	0.982	0.951	0.929	0.902	0.844		
0.5	1	1	1	1	1	1	1	1	1	0.962	0.925	0.907	0.867	0.84		
0.5625	1	1	1	1	1	1	1	1	0.978	0.947	0.913	0.892	0.837	0.795		
0.625	1	1	1	1	1	1	1	0.983	0.962	0.93	0.901	0.845	0.815	0.78		
0.6875	1	1	1	1	1	1	1	0.977	0.955	0.91	0.875	0.833	0.805	0.776		
0.75	1	1	1	1	1	1	0.992	0.966	0.935	0.89	0.87	0.815	0.789	0.776		
0.8125	0.94	0.94	1	1	1	1	0.98	0.96	0.925	0.86	0.861	0.812	0.776	0.776		
0.875	0.88	0.88	1	1	1	0.974	0.967	0.952	0.912	0.868	0.839	0.803	0.776	0.776		
0.9375	0.88	0.88	1	1	0.988	0.963	0.959	0.939	0.893	0.82	0.825	0.782	0.776	0.776		
1	0.88	0.88	1	1	0.976	0.945	0.925	0.92	0.878	0.83	0.805	0.776	0.776	0.776		
1.0625	0.88	0.88	0.88	1	0.964	0.94	0.91	0.892	0.855	0.82	0.776	0.776	0.776	0.776		
1.125	0.88	0.88	0.88	1	0.957	0.92	0.895	0.881	0.832	0.783	0.776	0.776	0.776	0.776		
1.1875	0.88	0.88	0.88	1	0.928	0.9	0.875	0.87	0.815	0.776	0.776	0.776	0.776	0.776		
1.25	0.88	0.88	0.88	0.985	0.91	0.88	0.87	0.843	0.8	0.776	0.776	0.776	0.776	0.776		
1.3125	0.88	0.88	0.88	0.962	0.898	0.872	0.843	0.811	0.776	0.776	0.776	0.776	0.776	0.776		
1.375	0.88	0.88	0.88	0.947	0.885	0.85	0.825	0.803	0.776	0.776	0.776	0.776	0.776	0.776		
1.4375	0.88	0.88	0.88	0.938	0.851	0.821	0.799	0.785	0.776	0.776	0.776	0.776	0.776	0.776		
1.5	0.88	0.88	0.88	0.919	0.827	0.795	0.78	0.776	0.776	0.776	0.776	0.776	0.776	0.776		
1.5625	0.88	0.88	0.88	0.904	0.81	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776		
1.625	0.88	0.88	0.88	0.89	0.79	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776		
1.6875	0.88	0.88	0.88	0.87	0.79	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776		
1.75	0.88	0.88	0.88	0.87	0.79	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776		
1.8125	0.88	0.88	0.88	0.87	0.79	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776		
1.875	0.88	0.88	0.88	0.87	0.79	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776		
1.9375	0.88	0.88	0.88	0.87	0.79	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776		
2	0.88	0.88	0.88	0.87	0.79	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776		

OL Part Throttle AFR Normal					Variation											
RPM																
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000		
0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.3125	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.4375	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.5625	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.625	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.6875	0	0	0	0	0	0	0	0	0	0	0	0	0	0.016		
0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0.051		
0.8125	0.06	0.06	0	0	0	0	0	0	0	0	0	0	0.022	0.183		
0.875	0	0	0	0	0	0	0	0	0	0	0	0	0.056	0.139		
0.9375	0	0	0	0	0	0	0	0	0	0	0	0	0.096	0.079		
1	0	0	0	0	0	0	0	0	0	0	0	0.018	0.096	0.131		
1.0625	0	0	0	0	0	0	0	0	0	0	0.012	0.04	0.096	0.11		
1.125	0	0	0	0	0	0	0	0	0	0	0.062	0.055	0.096	0.11		
1.1875	0	0	0	0	0	0	0	0	0	0.031	0.075	0.079	0.096	0.11		
1.25	0	0	0	0	0	0	0	0	0	0.036	0.089	0.102	0.096	0.11		
1.3125	0	0	0	0	0	0	0	0	0.009	0.041	0.089	0.102	0.096	0.11		
1.375	0	0	0	0	0	0	0	0	0.03	0.071	0.089	0.102	0.096	0.11		
1.4375	0	0	0	0	0	0	0	0	0.041	0.083	0.089	0.102	0.096	0.11		
1.5	0	0	0	0	0	0	0	0.016	0.066	0.101	0.089	0.102	0.096	0.11		
1.5625	0	0	0	0	0	0.003	0.021	0.017	0.086	0.111	0.089	0.102	0.096	0.11		
1.625	0	0	0	0	0	0.021	0.026	0.017	0.086	0.111	0.089	0.102	0.096	0.11		
1.6875	0	0	0	0	0	0.021	0.026	0.017	0.086	0.111	0.089	0.102	0.096	0.11		
1.75	0	0	0	0	0	0.021	0.026	0.017	0.086	0.111	0.089	0.102	0.096	0.11		
1.8125	0	0	0	0	0	0.021	0.026	0.017	0.086	0.111	0.089	0.102	0.096	0.11		
1.875	0	0	0	0	0	0.021	0.026	0.017	0.086	0.111	0.089	0.102	0.096	0.11		
1.9375	0	0	0	0	0	0.021	0.026	0.017	0.086	0.111	0.089	0.102	0.096	0.11		
2	0	0	0	0	0	0.021	0.026	0.017	0.086	0.111	0.089	0.102	0.096	0.11		

OL Part Throttle AFR Normal					Stock											
	RPM															
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000		
0.25	1	1	1	1	1	1	1	1	1	1	0.976	0.972	0.931	0.84		
0.3125	1	1	1	1	1	1	1	1	1	1	0.976	0.972	0.931	0.84		
0.375	1	1	1	1	1	1	1	1	1	1	0.976	0.951	0.915	0.84		
0.4375	1	1	1	1	1	1	1	1	1	0.982	0.951	0.929	0.902	0.844		
0.5	1	1	1	1	1	1	1	1	1	0.962	0.925	0.907	0.867	0.84		
0.5625	1	1	1	1	1	1	1	1	0.978	0.947	0.913	0.892	0.837	0.795		
0.625	1	1	1	1	1	1	1	0.983	0.962	0.93	0.901	0.845	0.815	0.78		
0.6875	1	1	1	1	1	1	1	0.977	0.955	0.91	0.875	0.833	0.805	0.76		
0.75	1	1	1	1	1	1	0.992	0.966	0.935	0.89	0.87	0.815	0.789	0.725		
0.8125	0.88	0.88	1	1	1	1	0.98	0.96	0.925	0.86	0.861	0.812	0.754	0.593		
0.875	0.88	0.88	1	1	1	0.974	0.967	0.952	0.912	0.868	0.839	0.803	0.72	0.637		
0.9375	0.88	0.88	1	1	0.988	0.963	0.959	0.939	0.893	0.82	0.825	0.782	0.68	0.697		
1	0.88	0.88	1	1	0.976	0.945	0.925	0.92	0.878	0.83	0.805	0.758	0.68	0.645		
1.0625	0.88	0.88	0.88	1	0.964	0.94	0.91	0.892	0.855	0.82	0.764	0.736	0.68	0.666		
1.125	0.88	0.88	0.88	1	0.957	0.92	0.895	0.881	0.832	0.783	0.714	0.721	0.68	0.666		
1.1875	0.88	0.88	0.88	1	0.928	0.9	0.875	0.87	0.815	0.745	0.701	0.697	0.68	0.666		
1.25	0.88	0.88	0.88	0.985	0.91	0.88	0.87	0.843	0.8	0.74	0.687	0.674	0.68	0.666		
1.3125	0.88	0.88	0.88	0.962	0.898	0.872	0.843	0.811	0.767	0.735	0.687	0.674	0.68	0.666		
1.375	0.88	0.88	0.88	0.947	0.885	0.85	0.825	0.803	0.746	0.705	0.687	0.674	0.68	0.666		
1.4375	0.88	0.88	0.88	0.938	0.851	0.821	0.799	0.785	0.735	0.693	0.687	0.674	0.68	0.666		
1.5	0.88	0.88	0.88	0.919	0.827	0.795	0.78	0.76	0.71	0.675	0.687	0.674	0.68	0.666		
1.5625	0.88	0.88	0.88	0.904	0.81	0.773	0.755	0.759	0.69	0.665	0.687	0.674	0.68	0.666		
1.625	0.88	0.88	0.88	0.89	0.79	0.755	0.75	0.759	0.69	0.665	0.687	0.674	0.68	0.666		
1.6875	0.88	0.88	0.88	0.87	0.79	0.755	0.75	0.759	0.69	0.665	0.687	0.674	0.68	0.666		
1.75	0.88	0.88	0.88	0.87	0.79	0.755	0.75	0.759	0.69	0.665	0.687	0.674	0.68	0.666		
1.8125	0.88	0.88	0.88	0.87	0.79	0.755	0.75	0.759	0.69	0.665	0.687	0.674	0.68	0.666		
1.875	0.88	0.88	0.88	0.87	0.79	0.755	0.75	0.759	0.69	0.665	0.687	0.674	0.68	0.666		
1.9375	0.88	0.88	0.88	0.87	0.79	0.755	0.75	0.759	0.69	0.665	0.687	0.674	0.68	0.666		
2	0.88	0.88	0.88	0.87	0.79	0.755	0.75	0.759	0.69	0.665	0.687	0.674	0.68	0.666		

OL WOT AFR Normal														Mod
	RPM													
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
	0.88	0.88	0.88	0.87	0.79	0.755	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748

OL WOT AFR Normal														Variation
	RPM													
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
	0	0	0	0	0	0	-0.002	-0.011	0.058	0.083	0.083	0.074	0.068	0.061

OL WOT AFR Knock														Mod
	RPM													
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
	0.88	0.88	0.88	0.87	0.79	0.755	0.748	0.745	0.745	0.745	0.745	0.745	0.745	0.745

OL WOT AFR Knock														Variation
	RPM													
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
	0	0	0	0	0	0	-0.002	-0.014	0.055	0.08	0.08	0.071	0.065	0.058

OL WOT AFR Normal														Stock
	RPM													
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
	0.88	0.88	0.88	0.87	0.79	0.755	0.75	0.759	0.69	0.665	0.665	0.674	0.68	0.687

OL WOT AFR Knock														Stock
	RPM													
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
	0.88	0.88	0.88	0.87	0.79	0.755	0.75	0.759	0.69	0.665	0.665	0.674	0.68	0.687