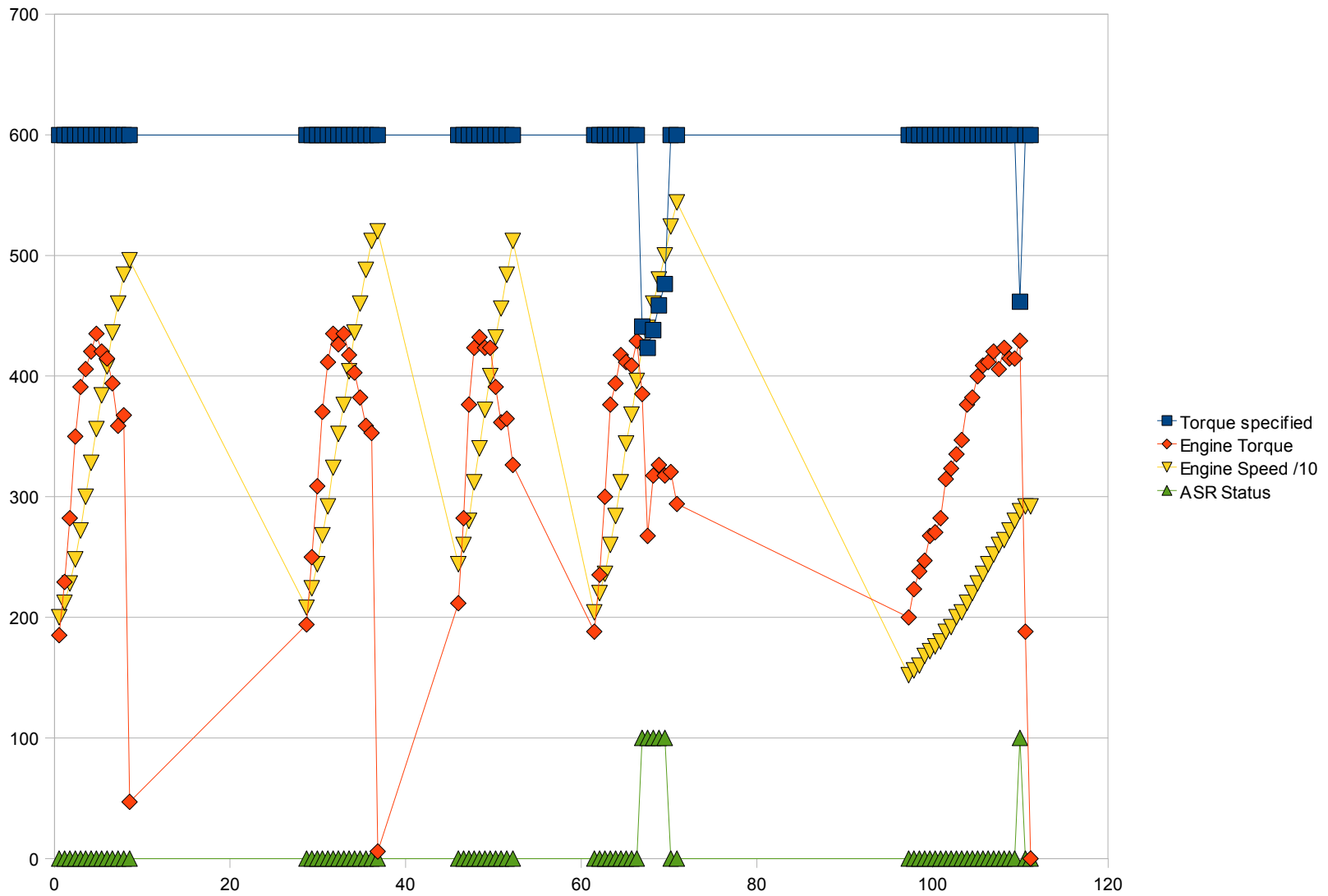


graph



data

Saturday 15 May 2010 09:43:42 PM
 4B0 907 551 R 2.7l V6/5VT G 0001

Group A: 003 Group B: Not Running

Marker	TIME STAMP	Engine Speed (G28) /min	Mass Air Flow (G70) g/s	Throttle Valve Angle %	Ignition Timing Angle °BTDC	TIME STAMP
	0.24	2000	18.31		9	33
	0.84	2080	55.25	83.5		17.3
	1.45	2200	73.53	88.6		14.3
	2.06	2360	95.17	94.5		12
	2.66	2600	122.31	100		7.5
	3.26	2840	142.75	100		7.5
	3.87	3120	166	100		4.5
	4.48	3400	184.78	100		3.8
	5.08	3680	195.14	100		4.5
	5.68	3960	198.75	100		6
	6.29	4200	212.86	100		3.8
	6.92	4480	204.81	100		4.5
	7.57	4720	221.83	100		3
	8.22	4960	224.47	100		3
	28.42	2040	48.44	33.3		18.8
	29.02	2120	62.42	86.7		14.3
	29.62	2320	83.72	92.5		14.3
	30.23	2560	111.86	100		12.8
	30.84	2800	135.17	100		9
	31.44	3080	161.33	100		6
	32.05	3360	185.5	100		3.8
	32.65	3640	193.94	100		3.8
	33.25	3920	203.64	100		3.8
	33.87	4200	212.08	100		5.3
	34.49	4480	207	100		9
	35.13	4720	221.19	100		8.3
	35.8	5000	227.78	100		6
	36.48	5240	231.17	100		8.3

data

45.7	2360	55.94	95.3	20.3
46.3	2480	83.17	99.6	15.8
46.91	2720	115.69	100	12.8
47.5	2960	151.08	100	7.5
48.12	3280	178.06	100	6.8
48.72	3560	188.78	100	4.5
49.33	3880	203.39	100	6.8
49.93	4160	213.36	100	4.5
50.56	4440	208.97	100	9
51.2	4720	223.14	100	3
51.87	5000	227.44	100	5.3
61.79	2120	61.08	85.1	15.8
62.39	2280	81.61	91	13.5
63	2480	108.11	98	9
63.6	2720	134	100	4.5
64.21	3000	156.03	100	3.8
64.82	3280	180.14	100	1.5
65.42	3560	184.03	100	3
66.02	3840	204.39	100	3
66.63	4120	205.11	45.1	4.5
67.25	4320	144.81	26.7	9
67.88	4480	167.92	100	11.3
68.53	4680	190.14	100	11.3
69.17	4880	208.42	100	9
69.84	5120	235.28	100	5.3
70.54	5360	232.53	100	6.8
71.24	5560	230.83	100	6.8
97	1520	37.44	67.5	13.5
97.6	1560	44.61	67.5	12.8
98.2	1600	50	69	11.3
98.81	1640	54.25	70.2	8.3
99.41	1680	58.14	71.4	9.8
100.01	1720	63.06	72.9	6
100.62	1800	66.72	74.5	7.5
101.22	1840	73.44	76.1	4.5

data

101.83	1880	80.36	78.4	4.5
102.43	1960	86.89	80	4.5
103.03	2040	93.72	82.4	5.3
103.64	2120	101	85.1	2.3
104.24	2160	109.69	87.1	0.8
104.85	2240	114.81	90.6	2.3
105.44	2320	120.53	92.9	3
106.05	2400	128.72	95.7	2.3
106.65	2440	133.58	98.4	2.3
107.26	2520	138.03	100	2.3
107.86	2640	142.36	100	2.3
108.46	2720	145.08	100	3
109.08	2800	147.75	100	1.5
109.68	2840	152.67	100	5.3
110.27	2920	151.22	100	3.8
110.88	2920	3.08	4.7	27
120.53	2080	57.72	83.9	16.5
121.13	2120	75.25	85.5	14.3
121.74	2200	90.14	88.2	11.3
122.34	2280	108.5	91.4	6.8
122.94	2400	123.53	94.9	6
123.55	2520	135.25	99.6	4.5
124.15	2640	144.75	100	3
124.77	2760	148.25	100	3
125.37	2880	152.64	100	5.3
125.97	3000	160.42	100	0.8
126.57	3120	166.92	100	1.5
127.18	3240	173.5	100	3.8
127.78	3320	177.69	100	1.5
142.26	1720	49.56	72.2	14.3
142.86	1800	59.39	75.3	13.5
143.46	1920	70.61	78.8	10.5
144.06	2040	82.06	82	10.5
144.67	2160	95.61	87.1	7.5
145.27	2320	114.89	92.2	7.5

data

145.87	2480	131.67	98.4	6
146.49	2640	146.47	100	3
147.08	2840	152.53	100	3.8
147.7	3000	161.33	100	6
148.29	3160	171.17	100	3.8
148.9	3360	178.83	100	1.5

data

Group C: 120

TIME STAMP	Engine Speed (G28) /min	Torque specified by ASR Nm	Engine Torque (actual) Nm	Status	Engine Speed	ASR Status
0.55	2000	599.8	185.2	ASR OFF	200	0
1.15	2120	599.8	229.3	ASR OFF	212	0
1.75	2280	599.8	282.2	ASR OFF	228	0
2.37	2480	599.8	349.9	ASR OFF	248	0
2.97	2720	599.8	391	ASR OFF	272	0
3.56	3000	599.8	405.7	ASR OFF	300	0
4.18	3280	599.8	420.4	ASR OFF	328	0
4.78	3560	599.8	435.1	ASR OFF	356	0
5.38	3840	599.8	420.4	ASR OFF	384	0
5.99	4080	599.8	414.5	ASR OFF	408	0
6.61	4360	599.8	394	ASR OFF	436	0
7.25	4600	599.8	358.7	ASR OFF	460	0
7.9	4840	599.8	367.5	ASR OFF	484	0
8.56	4960	599.8	47	ASR OFF	496	0
28.72	2080	599.8	194	ASR OFF	208	0
29.32	2240	599.8	249.9	ASR OFF	224	0
29.93	2440	599.8	308.7	ASR OFF	244	0
30.53	2680	599.8	370.4	ASR OFF	268	0
31.15	2920	599.8	411.6	ASR OFF	292	0
31.75	3240	599.8	435.1	ASR OFF	324	0
32.35	3520	599.8	426.3	ASR OFF	352	0
32.96	3760	599.8	435.1	ASR OFF	376	0
33.56	4040	599.8	417.5	ASR OFF	404	0
34.18	4360	599.8	402.8	ASR OFF	436	0
34.81	4600	599.8	382.2	ASR OFF	460	0
35.47	4880	599.8	358.7	ASR OFF	488	0
36.13	5120	599.8	352.8	ASR OFF	512	0
36.82	5200	599.8	5.9	ASR OFF	520	0

data

46	2440	599.8	211.7 ASR OFF	244	0
46.6	2600	599.8	282.2 ASR OFF	260	0
47.21	2800	599.8	376.3 ASR OFF	280	0
47.81	3120	599.8	423.4 ASR OFF	312	0
48.41	3400	599.8	432.2 ASR OFF	340	0
49.03	3720	599.8	423.4 ASR OFF	372	0
49.63	4000	599.8	423.4 ASR OFF	400	0
50.25	4320	599.8	391 ASR OFF	432	0
50.88	4560	599.8	361.6 ASR OFF	456	0
51.52	4840	599.8	364.6 ASR OFF	484	0
52.21	5120	599.8	326.3 ASR OFF	512	0
61.49	2040	599.8	188.2 ASR OFF	204	0
62.09	2200	599.8	235.2 ASR OFF	220	0
62.7	2360	599.8	299.9 ASR OFF	236	0
63.31	2600	599.8	376.3 ASR OFF	260	0
63.91	2840	599.8	394 ASR OFF	284	0
64.51	3120	599.8	417.5 ASR OFF	312	0
65.11	3440	599.8	411.6 ASR OFF	344	0
65.73	3680	599.8	408.7 ASR OFF	368	0
66.33	3960	599.8	429.2 ASR OFF	396	0
66.94	4240	441	385.1 ASR ON	424	100
67.57	4400	423.4	267.5 ASR ON	440	100
68.2	4600	438.1	317.5 ASR ON	460	100
68.85	4800	458.6	326.3 ASR ON	480	100
69.52	5000	476.3	317.5 ASR ON	500	100
70.2	5240	599.8	320.5 ASR OFF	524	0
70.89	5440	599.8	294 ASR OFF	544	0
97.3	1520	599.8	199.9 ASR OFF	152	0
97.9	1560	599.8	223.4 ASR OFF	156	0
98.51	1600	599.8	238.1 ASR OFF	160	0
99.11	1680	599.8	247 ASR OFF	168	0
99.71	1720	599.8	267.5 ASR OFF	172	0
100.32	1760	599.8	270.5 ASR OFF	176	0
100.92	1800	599.8	282.2 ASR OFF	180	0
101.53	1880	599.8	314.6 ASR OFF	188	0

data

102.13	1920	599.8	323.4 ASR OFF	192	0
102.73	2000	599.8	335.2 ASR OFF	200	0
103.34	2040	599.8	346.9 ASR OFF	204	0
103.94	2120	599.8	376.3 ASR OFF	212	0
104.54	2200	599.8	382.2 ASR OFF	220	0
105.15	2280	599.8	399.8 ASR OFF	228	0
105.75	2360	599.8	408.7 ASR OFF	236	0
106.35	2440	599.8	411.6 ASR OFF	244	0
106.96	2520	599.8	420.4 ASR OFF	252	0
107.57	2600	599.8	405.7 ASR OFF	260	0
108.17	2640	599.8	423.4 ASR OFF	264	0
108.77	2720	599.8	414.5 ASR OFF	272	0
109.37	2800	599.8	414.5 ASR OFF	280	0
109.97	2880	461.6	429.2 ASR ON	288	100
110.59	2920	599.8	188.2 ASR OFF	292	0
111.18	2920	599.8	0 ASR OFF	292	0
120.83	2080	599.8	235.2 ASR OFF	208	0
121.44	2160	599.8	291.1 ASR OFF	216	0
122.04	2240	599.8	341 ASR OFF	224	0
122.65	2360	599.8	391 ASR OFF	236	0
123.25	2440	599.8	423.4 ASR OFF	244	0
123.85	2560	599.8	426.3 ASR OFF	256	0
124.47	2680	599.8	411.6 ASR OFF	268	0
125.06	2800	599.8	438.1 ASR OFF	280	0
125.66	2920	599.8	429.2 ASR OFF	292	0
126.28	3040	599.8	423.4 ASR OFF	304	0
126.88	3160	599.8	435.1 ASR OFF	316	0
127.48	3280	599.8	432.2 ASR OFF	328	0
128.09	3400	599.8	408.7 ASR OFF	340	0
141.96	1680	599.8	199.9 ASR OFF	168	0
142.56	1760	599.8	232.3 ASR OFF	176	0
143.16	1840	599.8	267.5 ASR OFF	184	0
143.77	1960	599.8	294 ASR OFF	196	0
144.37	2120	599.8	323.4 ASR OFF	212	0
144.97	2240	599.8	367.5 ASR OFF	224	0

data

145.58	2400	599.8	399.8 ASR OFF	240	0
146.18	2560	599.8	426.3 ASR OFF	256	0
146.78	2720	599.8	411.6 ASR OFF	272	0
147.4	2920	526.3	423.4 ASR ON	292	100
148	3080	599.8	423.4 ASR OFF	308	0
148.6	3240	599.8	423.4 ASR OFF	324	0