

Baseline runs are with typical tune based on the J4J1 tune from the 1994 Cobra. I upped the last row of the spark table to 28 degrees total. Two degrees are added each run to find the total spark advance that could be tolerated. All runs are done with 89 octane fuel.															
# Run	Cptr Time	FILE	Delay Volt	START ECT	Notes	Data Log file	Dyno File	PEAK		AVERAGE		Run Time 2200-5500	Temp Rise	Temp Rise Rate (deg/sec)	
								Hp	Tq	Hp	Tq				
1a	4:04	12.7-0		178	dyno needed re-set										
1b	4:07	12.7-0			dyno needed re-set										
1c	4:09	12.7-0			dyno needed re-set										
1d	4:10	12.7-0			good data didn't record hp & tq	#1-61009.csv	#1-16-08-25.jpg	233	271	188	249	16.643	8	0.4807	
2	4:11	12.7-2		196	232 Hp - 271 Tq	#2-61144.csv	#2-16-10-5.jpg	234	272	189	250	17.024	8	0.4699	
3	4:13	12.7-4		198	231 Hp - 270 Tq	#3-61339.csv	#3-16-11-58.jpg	234	271	189	249	16.884	10	0.5923	
4	4:15	12.7-6		198	233 Hp - 270 Tq	#4-61524.csv	#4-16-13-50.jpg	233	271	189	249	17.104	10	0.5847	
5	4:21	12.7-8		194	35.5 tt - 236 Hp - 271 Tq	#5-62146.csv	#5-16-19-52.jpg	237	272	190	252	16.700	6	0.3593	
6	4:22	12.7-10		200	36.0 tt - 234 Hp - 268 Tq	#6-62249.csv	#6-16-21-09.jpg	235	270	188	249	17.345	8	0.4612	
		12.7-12													
Baseline run with 14.7-0 program to establish actual AFR of this tune before water is added. This run was accomplished 11-25-04 off dyno on several 3rd gear pulls with 14.7-0 tune. Resulting data file is #0-02928.csv - No dyno file.															
25% Water				(from data log this series actually saw 18.45% water)											
25% is rough approximation of water/fuel ratio. On these dyno runs delay was set to 7ms. Actual percentag calculated in data analysis															
								PEAK		AVERAGE					
								Hp	Tq	Hp	Tq	Run Time 2200-5500	Temp Rise	Temp Rise Rate (deg/sec)	
7	4:28	14.7-0		190	214 Hp - 253 Tq	#7-62835.csv	#7-16-27-15.jpg	219	256	177	233	18.987	10	0.5267	
8	4:31	14.7-2		194	219 Hp - 257 Tq Dyno operator thought he heard ping	#8-63101.csv	#8-16-29-40.jpg	224	260	180	237	18.436	10	0.5424	
		14.7-4													
		14.7-6													
		14.7-8													
		14.7-10													
		14.7-12													

50% Water														
Delay was set to the very minimum (approximately 1ms).														
(from data log this series actually saw 40.37% water)														
								PEAK		AVERAGE				
								Hp	Tq	Hp	Tq	Run Time 2200-5500	Temp Rise	Temp Rise Rate (deg/sec)
9	4:33	14.7-0	198	211.8 Hp - 252 Tq	#9-63342.csv	#9-16-32-19.jpg	216	255	174	229	19.268	10	0.5190	
10	4:38	14.7-0	196	211.0 Hp - 254 Tq	#10-63823.csv	#10-16-36-48.jpg	217	256	175	230	19.258	10	0.5193	
11	4:41	14.7-2	198	217 Hp - 258 Tq	#11-64102.csv	#11-16-39-17.jpg	221	262	179	235	18.496	10	0.5407	
12	4:44	14.7-4	190	223.0 Hp - 266 Tq	#12-64429.csv	#12-16-42-29.jpg	225	267	183	242	17.936	6	0.3345	
13	4:49	14.7-6	198	227 Hp - 265 Tq	#13-64912.csv	#13-16-47-26.jpg	231	268	184	243	17.264	4	0.2317	
14	4:51	14.7-8	194	230 Hp - 265 Tq	#14-65122.csv	#14-16-49-28.jpg	234	268	187	246	17.375	10	0.5755	
15	4:53	14.7-10	194	38 tt - 232 Hp - 266 Tq	#15-65336.csv	#15-16-52-02.jpg	235	268	187	247	17.515	6	0.3426	
16	4:57	14.7-12	180	40 tt - 233 Hp - 266.7 Tq	#16-65734.csv	#16-16-56-01.jpg	236	268	189	249	17.075	10	0.5857	
20% Water (5ms delay)														
(from data log this series actually saw 28.8% water/fuel)														
		12.7-0												
		12.7-2												
		12.7-4												
								Hp	Tq	Hp	Tq	Run Time 2200-5500	Temp Rise	Temp Rise Rate (deg/sec)
17	5:03	12.7-6	186	32tt -234 Hp - 272 Tq	#17-70331.csv	#17-17-01-55.jpg	235	273	190	251	16.894	10	0.5919	
18	5:05	12.7-8	196	36tt - 237 Hp - 272 Tq	#18-70505.csv	#18-17-03-10.jpg	238	274	191	252	16.854	10	0.5933	
19	5:07	12.7-10	196	36tt - 236 Hp - 271 Tq	#19-70708.csv	#19-17-05-32.jpg	238	273	190	252	16.805	6	0.3570	
		12.7-12												
Backup Runs All Fuel														
20	5:09	12.7-6	194	tt 32.0 - 240.6 Hp - 276.0 Tq	#20-70923.csv	#20-17-07-49.jpg	241	277	194	256	16.493	10	0.6063	
21	5:12	12.7-8	194	tt 36.0 - 241.1 Hp - 274.0 Tq	#21-71208.csv	#21-17-10-33.jpg	242	275	193	255	16.254	10	0.6152	