

Time	AFR WB-		A/F WB-		COOLAN T TEMP (F)	ENGINE RPM (rpm)	IGN TIMING (BTDC)	INTAKE AIR TMP (F)	MAF GM/S (gm/s)	THROTTL	VEHICLE SPEED (mph)
	B1 (AFR)	B2 (AFR)	B1 (V)	B2 (V)						E POS 1 (V- Throttle)	
28400	14.58	15.2	1.45	1.585	190.4	788	21	120	68.1	1.41	0
28470	15.15	15.32	1.575	1.605	190.4	1025	7	120	66.93	1.48	0
28530	15.26	15.07	1.595	1.56	190.4	1313	3	120	63.81	1.57	0.6
28610	13.61	13.67	1.15	1.175	190.4	1625	3	120	65.92	1.66	1.9
28670	13.84	13.41	1.24	1.065	190.4	1838	8	120	76.1	1.81	2.4
28770	14.56	14.23	1.445	1.355	190.4	2038	10	120	93.59	2.12	2.8
28861	14.85	14.66	1.515	1.47	190.4	2225	11	120	79.52	1.8	3.7
28931	14.01	14.14	1.295	1.33	190.4	2288	14	120	82.13	1.66	4.8
29001	14.83	14.56	1.51	1.445	190.4	2238	14	120	85.27	1.69	6.5
29061	15.55	15.42	1.64	1.62	190.4	2188	12	120	100.32	1.95	8
29131	15.59	15.7	1.645	1.66	190.4	2200	11	120	102.3	2.17	9.4
29221	14.99	15.2	1.545	1.585	190.4	2288	12	120	104.34	2.9	10.6
29321	14.74	14.28	1.49	1.37	190.4	2375	11	120	106.96	2.92	11.7
29401	14.76	14.8	1.495	1.505	190.4	2425	12	120	105.78	2.9	12.6
29461	14.78	14.78	1.5	1.5	190.4	2438	12	120	108.16	2.82	12.9
29532	14.83	14.7	1.51	1.48	190.4	2463	13	120	109.09	2.74	13
29612	14.92	14.76	1.53	1.495	190.4	2438	13	120	108.85	2.72	12.6
29672	14.83	14.92	1.51	1.53	190.4	2450	13	120	111.75	2.75	12.9
29762	15.02	14.89	1.55	1.525	190.4	2463	12	120	108.28	2.72	13.7
29832	14.8	14.87	1.505	1.52	190.4	2500	13	120	108.88	2.61	14.7
29922	15.09	15.09	1.565	1.565	190.4	2538	14	122	110.93	2.5	15.7
29982	15.07	14.92	1.56	1.53	190.4	2563	14	122	109.44	2.44	16.3
30062	14.99	14.8	1.545	1.505	190.4	2588	14	122	108.03	2.37	17
30132	14.99	14.99	1.545	1.545	190.4	2613	13	122	110.95	2.33	17.7
30223	15.18	15.04	1.58	1.555	190.4	2650	13	122	111.98	2.3	18.5
30293	14.97	14.99	1.54	1.545	190.4	2675	13	122	111.62	2.27	19.3
30363	14.99	15.07	1.545	1.56	190.4	2688	13	122	113.82	2.25	19.8
30433	15.2	15.12	1.585	1.57	190.4	2725	13	122	116.67	2.23	20.3
30533	15.15	15.02	1.575	1.55	190.4	2800	13	122	119	2.22	21.3
30613	15.45	15.23	1.625	1.59	190.4	2875	12	122	124.15	2.21	22.1
30673	15.23	15.39	1.59	1.615	190.4	2963	10	122	129.55	2.22	22.7
30763	15.02	15.15	1.55	1.575	190.4	3000	10	122	134.94	2.24	23.1
30833	15.07	14.83	1.56	1.51	190.4	3063	9	122	136.8	2.26	23.7

30934	14.68	14.85	1.475	1.515	190.4	3163	8	122	142.63	2.28	24.5
31014	14.87	14.52	1.52	1.435	190.4	3238	7	122	146.37	2.3	25.2
31084	14.85	14.83	1.515	1.51	190.4	3300	6	122	149.39	2.3	25.8
31154	14.72	14.94	1.485	1.535	190.4	3363	6	122	154.51	2.3	26.4
31264	14.85	14.87	1.515	1.52	190.4	3450	7	122	158.77	2.3	27.1
31324	14.64	14.58	1.465	1.45	190.4	3513	6	122	164.36	2.3	27.7
31404	14.41	14.41	1.405	1.405	190.4	3588	7	122	166.45	2.3	28.3
31464	14.32	14.32	1.38	1.38	190.4	3663	8	122	168.34	2.3	29
31534	14.36	14.19	1.39	1.345	190.4	3738	9	122	172.14	2.31	29.5
31615	14.58	14.16	1.45	1.335	190.4	3800	9	122	177.23	2.35	30.1
31675	14.54	14.47	1.44	1.42	190.4	3838	9	122	177.26	2.37	30.5
31755	14.68	14.49	1.475	1.425	190.4	3913	9	122	184.53	2.4	31.1
31835	14.68	14.62	1.475	1.46	190.4	4013	9	122	190.46	2.43	31.8
31935	14.94	14.66	1.535	1.47	190.4	4075	9	122	195.66	2.51	32.6
32035	14.92	14.85	1.53	1.515	190.4	4200	11	122	211.71	2.72	33.4
32125	15.09	14.97	1.565	1.54	190.4	4313	13	122	220.7	2.97	34.3
32225	14.66	14.3	1.47	1.375	190.4	4388	16	122	224.18	3.16	35.1
32306	14.3	14.03	1.375	1.3	190.4	4450	17	122	222.79	3.25	35.6
32366	13.97	13.67	1.28	1.175	190.4	4525	17	122	225.82	3.33	36.2
32436	13.77	13.71	1.215	1.19	190.4	4613	19	122	226.31	3.41	36.9
32496	13.71	13.45	1.19	1.085	190.4	4675	19	122	232.48	3.52	37.5
32576	13.54	13.44	1.12	1.08	190.4	4725	19	120	229.75	3.6	37.9
32666	13.61	13.58	1.15	1.14	190.4	4813	20	120	233.13	3.68	38.5
32766	13.56	13.35	1.13	1.04	190.4	4925	23	120	239.6	4.01	39.5
32836	13.57	13.21	1.135	0.985	190.4	5013	23	120	242.37	4.11	40.4
32936	13.41	13.16	1.065	0.965	190.4	5100	23	120	246.97	4.11	41.1
32997	13.3	12.89	1.02	0.85	190.4	5175	23	120	246.72	4.11	41.7
33067	12.89	12.97	0.85	0.885	190.4	5213	22	118	249.19	4.11	42.1
33127	13.14	12.66	0.955	0.75	190.4	5263	22	118	251.79	4.11	42.5
33207	13.04	12.46	0.915	0.665	190.4	5288	23	118	252.76	4.1	42.9
33277	12.82	12.83	0.82	0.825	190.4	5350	24	118	251.17	4.1	43.3
33337	12.47	12.53	0.67	0.695	190.4	5425	24	118	244.01	4.1	44
33417	12.83	12.11	0.825	0.53	190.4	5500	25	118	243.33	4.1	44.5
33487	12.75	12.1	0.79	0.525	190.4	5488	26	118	247.4	4.1	44.7
33557	13.02	12.31	0.905	0.605	190.4	5513	26	117	245.81	4.1	44.9
33627	12.81	12.54	0.815	0.7	190.4	5563	26	117	236.09	4.1	45.3
33698	12.27	12.58	0.59	0.715	190.4	5600	26	117	238.88	4.1	45.6

33758	12.97	12.15	0.885	0.545	190.4	5613	25	117	237.69	4.1	46.1
33828	12.89	12.61	0.85	0.73	190.4	5600	25	117	237.46	4.1	46.4
33888	13.11	12.84	0.945	0.83	190.4	5275	1	117	246.05	4.1	46.9
33958	13.62	13.4	1.155	1.06	190.4	4888	-1	117	247.74	4.1	47.5
34018	13.47	13.35	1.09	1.04	190.4	4488	-4	117	237.13	3.82	48
34078	13.67	13.61	1.175	1.15	190.4	4038	-7	115	219.84	3.19	48.4
34158	13.13	13.35	0.95	1.04	190.4	3825	11	115	184.76	2.52	48.7
34238	12.16	12.36	0.55	0.625	190.4	3763	12	115	174.14	2.34	48.7
34328	12.58	12.69	0.715	0.765	190.4	3850	13	115	180.01	2.35	49.3
34389	12.76	12.81	0.795	0.815	190.4	3913	13	115	184.52	2.38	50
34469	12.98	13.01	0.89	0.9	190.4	3925	13	115	189.53	2.41	50.3
34559	13.05	13.08	0.92	0.93	190.4	3925	13	115	189.02	2.42	50.7
34629	12.88	13.01	0.845	0.9	190.4	3988	13	115	190.71	2.43	51.2
34729	12.95	13.1	0.875	0.94	190.4	4025	13	115	197.54	2.47	51.8
34809	13.05	12.87	0.92	0.84	190.4	4050	12	115	199.69	2.51	52.2
34869	12.9	12.92	0.855	0.865	190.4	4075	13	115	202.47	2.54	52.5
34939	12.98	12.91	0.89	0.86	190.4	4125	14	115	206.28	2.62	53.1
35019	13.01	13.11	0.9	0.945	190.4	4163	15	113	211.61	2.75	53.7
35080	12.82	12.8	0.82	0.81	190.4	4175	15	113	220.36	2.97	53.9
35170	13.05	12.82	0.92	0.82	190.4	4200	15	113	222.78	3.09	54.3
35240	13.01	12.62	0.9	0.735	190.4	4250	15	113	224.05	3.41	54.8
35320	13.16	12.5	0.965	0.685	190.4	4300	16	113	227	4.04	55.4
35390	12.66	12.81	0.75	0.815	190.4	4325	17	113	223.99	4.12	55.8
35450	12.75	12.54	0.79	0.7	190.4	4338	17	113	225.13	4.12	56.1
35530	12.72	12.52	0.775	0.69	190.4	4375	18	113	225.8	4.11	56.7
35630	12.62	12.18	0.735	0.555	190.4	4425	19	113	227.4	4.1	57.3
35710	12.5	12.16	0.685	0.55	190.4	4450	20	113	227.17	4.1	57.7
35781	12.38	12.27	0.635	0.59	190.4	4475	20	113	224.48	4.1	58.2
35841	12.43	11.97	0.655	0.475	190.4	4513	20	111	227.12	4.1	58.5
35921	12.47	12.11	0.67	0.53	190.4	4538	21	111	225.09	4.1	58.9
35991	12.19	12.31	0.56	0.605	190.4	4563	21	111	225.14	4.1	59.3
36071	12.62	12.02	0.735	0.495	190.4	4575	21	111	227.81	4.1	59.6
36131	12.42	11.77	0.65	0.395	190.4	4613	21	111	231.78	4.1	60.1
36231	12.01	12.22	0.49	0.57	190.4	4663	22	111	228	4.1	60.6
36311	12.33	12.05	0.615	0.505	190.4	4713	22	111	234.23	4.1	61.3
36371	12.16	12.34	0.55	0.62	190.4	4725	22	111	231.93	4.1	61.6
36442	12.65	11.82	0.745	0.415	190.4	4725	22	111	231.41	4.1	61.8

36532	12.18	12.33	0.555	0.615	190.4	4775	22	111	233.4	4.1	62.2
36612	12.14	12.24	0.54	0.58	190.4	4825	24	111	239.71	4.1	63
36682	12.29	12.19	0.6	0.56	190.4	4850	24	111	239.25	4.1	63.3
36742	12.28	12.23	0.595	0.575	190.4	4863	24	111	243.66	4.1	63.6
36822	12.11	12.33	0.53	0.615	190.4	4900	24	109	237.85	4.1	63.9
36892	12.34	12.02	0.62	0.495	190.4	4913	24	109	244.03	4.1	64.2
36972	12.47	12.01	0.67	0.49	190.4	4938	24	109	239.69	4.1	64.6
37032	12.55	11.84	0.705	0.425	190.4	4988	24	109	244.24	4.1	65.1
37112	12.01	12.28	0.49	0.595	190.4	5025	23	109	243.02	4.1	65.6
37183	11.96	12.31	0.47	0.605	190.4	5038	23	109	248.05	4.1	65.9
37243	12.56	11.79	0.71	0.405	190.4	5050	23	109	247.82	4.1	66.1
37323	12.46	11.71	0.665	0.37	190.4	5100	23	109	249.57	4.1	66.5
37393	12.2	11.5	0.565	0.28	190.4	5113	24	109	249.1	4.1	66.9
37463	12.05	11.89	0.505	0.445	190.4	5113	24	109	247.44	4.1	67.2
37533	12.03	11.66	0.5	0.35	190.4	5163	24	109	253.91	4.1	67.5
37633	11.96	11.52	0.47	0.29	190.4	5200	23	109	255.78	4.1	68.1
37713	12.05	11.46	0.505	0.26	190.4	5213	23	109	252.1	4.1	68.3
37783	11.93	11.46	0.46	0.26	190.4	5250	23	109	246.88	4.1	68.7
37844	11.59	11.82	0.32	0.415	190.4	5275	23	109	247.61	4.1	69.1
37924	12.12	11.5	0.535	0.28	190.4	5288	24	109	250.17	4.1	69.4
37984	12.22	11.92	0.57	0.455	190.4	5313	25	109	251.33	4.1	69.7
38064	12.48	11.68	0.675	0.36	190.4	5338	25	109	247.67	4.1	70
38134	12.64	12.01	0.74	0.49	190.4	5350	25	109	250.9	4.1	70.2
38234	12.62	12.19	0.735	0.56	190.4	5388	25	109	244.04	4.1	70.7
38294	12.34	12.22	0.62	0.57	190.4	5400	25	109	244.64	4.1	71
38364	12.65	12.27	0.745	0.59	190.4	5413	25	109	242.43	4.1	71.3
38434	12.82	12.11	0.82	0.53	190.4	5450	27	109	246.05	4.1	71.5
38525	12.49	12.14	0.68	0.54	190.4	5463	27	109	248.74	4.1	72
38585	12.76	12.02	0.795	0.495	190.4	5500	27	109	242.9	4.11	72.2
38645	12.69	12.28	0.765	0.595	190.4	5513	27	109	240.9	4.1	72.5
38735	12.34	12.38	0.62	0.635	190.4	5500	27	109	243.06	4.1	72.7
38795	12.32	12.46	0.61	0.665	190.4	5538	27	109	242.81	4.1	72.8
38865	12.53	12.37	0.695	0.63	190.4	5550	27	109	240.12	4.1	73.2
38945	12.82	12.2	0.82	0.565	190.4	5538	27	108	242.79	4.1	73.3
39035	12.55	12.42	0.705	0.65	190.4	5575	27	108	244.94	4.1	73.5
39115	12.43	12.65	0.655	0.745	190.4	5575	27	108	239.8	4.1	73.8
39185	12.38	12.6	0.635	0.725	190.4	5600	27	108	243.2	4.1	73.9

39246	12.61	12.56	0.73	0.71	190.4	5600	26	108	239.48	4.1	74.2
39326	12.84	12.25	0.83	0.585	190.4	5550	27	108	241.27	4.1	74.5
39396	12.67	12.81	0.755	0.815	190.4	5438	17	108	243.93	4.1	74.7
39466	13.29	12.86	1.015	0.835	190.4	5100	0	108	255.1	4.1	75
39536	13.11	13.15	0.945	0.96	190.4	4563	-2	108	236.91	4.1	75.5
39616	13.54	13.47	1.12	1.09	190.4	3913	-4	108	222.38	4.1	76
39686	12.81	13.22	0.815	0.99	190.4	3788	12	108	205.46	4.1	75.7
39746	12.19	12.8	0.56	0.81	190.4	3788	12	108	201.96	4.1	75.8