

NANOCOM - TD5ENG.APP - TD5 ENGINE input file

Engine Speed	Road Speed	Idle Speed	Er Accel.	Way 1 Accel.	Way 2 Accel.	Way 3 Accel.	Supply
778	0	-8	0.581	4.454	4.643	5	
725	0	-15	0.581	4.454	4.643	4.993	
767	0	10	0.581	4.454	4.643	5	
729	0	-17	0.581	4.454	4.643	5	
771	0	-4	0.581	4.454	4.643	5	
773	0	-9	0.581	4.454	4.643	5.005	
770	0	-5	0.581	4.447	4.643	5	
779	0	14	0.581	4.454	4.643	5	
1019	0	478	1.146	3.897	4.643	5.005	
640	0	-39	0.581	4.454	4.643	5.005	
773	0	-19	0.581	4.454	4.643	5.005	
767	0	-35	0.581	4.454	4.643	5	
801	0	17	0.581	4.454	4.643	5.005	
750	0	-4	0.581	4.454	4.643	5	
775	0	8	0.581	4.454	4.643	5	
796	0	13	0.781	4.261	4.643	5	
787	0	3	0.668	4.368	4.643	5	
802	0	20	0.587	4.454	4.643	5.005	
797	0	-3	0.581	4.454	4.643	5.005	
780	0	-14	0.581	4.454	4.643	5	
769	0	-2	0.581	4.454	4.643	5	
785	0	7	0.581	4.454	4.643	5.005	
775	3	15	0.587	4.454	4.643	5	
791	2	5	0.581	4.454	4.643	5	
785	4	3	0.581	4.447	4.643	5.005	
785	5	6	0.587	4.454	4.643	5	
780	6	0	0.581	4.454	4.643	5.005	
781	5	3	0.587	4.447	4.643	5	
779	6	-2	0.581	4.454	4.643	5	
779	5	-4	0.581	4.454	4.643	5	
773	5	-8	0.684	4.352	4.643	5.005	
739	4	-14	0.878	4.17	4.643	5	
1043	4	171	0.915	4.13	4.643	5	
730	5	0	0.581	4.447	4.643	5	
791	3	-4	0.581	4.454	4.643	5	
1066	0	382	1.029	4.021	4.643	5.005	
1269	0	504	1.06	3.983	4.643	5	
1303	4	553	1.136	3.908	4.643	5	
1482	10	772	1.373	3.681	4.627	5.005	
1818	14	1065	1.572	3.483	4.359	5.005	
1841	18	1058	1.422	3.63	4.565	5	
1833	20	1023	1.044	4.005	4.643	5.005	
1726	20	975	1.039	4.005	4.643	5.005	

1811	20	1056	1.255	3.795	4.643	5
1867	20	1091	1.325	3.727	4.643	5
1874	20	1090	1.26	3.789	4.643	5.005
1810	20	1004	1.093	3.96	4.643	5.005
1757	19	968	1.082	3.966	4.643	5.005
1209	18	263	0.813	4.231	4.643	5
764	14	-15	0.792	4.255	4.643	5
770	11	-15	0.759	4.289	4.643	5
764	9	-19	0.587	4.454	4.643	5
758	6	-24	0.587	4.454	4.643	5.005
770	2	-7	0.587	4.454	4.643	5.005
773	0	-3	0.587	4.454	4.643	5
776	0	-6	0.587	4.454	4.643	5
771	0	-6	0.587	4.454	4.643	5.005
776	0	1	0.587	4.454	4.643	5.005
771	0	0	0.587	4.454	4.643	5
1539	0	808	1.449	3.608	4.53	5.005
1718	10	954	1.539	3.516	4.408	5.005
1916	15	1202	1.733	3.329	4.138	5
2196	21	1473	1.783	3.283	4.08	5.005
2430	26	1489	1.858	3.204	3.973	5.005
2166	32	1393	1.804	3.256	4.041	5.005
2308	38	1570	1.842	3.227	3.997	5.005
2797	44	1986	2.16	2.904	3.548	5.005
2834	50	2057	2.806	2.273	2.658	5
2296	56	1222	1.217	3.841	4.643	5.005
1611	56	803	1.034	4.021	4.643	5
1569	55	790	1.055	4	4.643	5
1575	53	802	1.108	3.943	4.643	5.005
1585	52	810	1.169	3.885	4.643	5
1602	49	826	1.25	3.801	4.643	5
1635	48	856	1.378	3.676	4.612	5
1719	46	986	1.557	3.506	4.383	5.005
2008	45	1302	1.901	3.17	3.91	5
2179	46	1403	1.95	3.118	3.841	5.005
2260	46	1494	2.015	3.056	3.753	5.005
2325	47	1535	2.015	3.056	3.757	5
2232	48	1426	1.934	3.135	3.865	5.005
2181	49	1398	1.923	3.148	3.88	5
2174	49	1394	1.923	3.148	3.88	5
2172	49	1381	1.911	3.158	3.89	5.005
2334	49	1687	2.171	2.904	3.538	5
2275	50	1479	1.939	3.131	3.851	5
2017	50	1138	1.577	3.489	4.348	5.005
1899	49	1129	1.636	3.426	4.27	5.005
1977	48	1211	1.751	3.318	4.114	5

2083	48	1307	1.837	3.233	4.001	5
2108	48	1330	1.853	3.216	3.977	5
2129	48	1350	1.88	3.187	3.934	5
2148	48	1375	1.918	3.153	3.885	5.005
2195	49	1421	1.95	3.118	3.845	5.01
2231	49	1446	1.945	3.118	3.845	5.005
2228	50	1418	1.906	3.158	3.9	5
2128	50	1343	1.868	3.204	3.957	5.005
2120	51	1336	1.848	3.221	3.973	5.005
2032	51	1221	1.702	3.364	4.183	5
1947	51	1043	1.437	3.618	4.539	5.005
1628	50	850	1.309	3.743	4.643	5
1656	50	880	1.39	3.67	4.607	5
1782	50	1037	1.572	3.489	4.359	5
2050	51	1343	1.901	3.164	3.91	5
2309	53	1634	2.148	2.921	3.566	5
2800	57	1866	2.887	2.198	2.551	5.005
2944	62	2250	2.828	2.256	2.634	5
3048	68	1969	1.993	3.079	3.773	5.005
1384	69	506	0.587	4.46	4.643	5
1114	67	304	0.587	4.46	4.643	5
979	65	175	0.587	4.46	4.643	5.005
1024	63	534	1.126	3.926	4.643	5
1845	62	1135	1.594	3.466	4.329	5.005
2187	64	1492	1.95	3.118	3.841	5
2548	66	1827	2.213	2.852	3.47	5.005
2805	71	2016	2.348	2.721	3.289	5
2865	75	2083	2.413	2.664	3.206	5
2989	80	2227	2.579	2.5	2.976	5.005
2144	83	1143	0.792	4.261	4.643	5.005
1605	83	811	0.587	4.454	4.643	5
1546	81	754	0.587	4.454	4.643	5
1477	79	675	0.587	4.454	4.643	5.005
1361	76	565	0.587	4.454	4.643	5
1278	74	485	0.587	4.46	4.643	5
1241	73	456	0.587	4.46	4.643	5.005
1195	72	399	0.587	4.454	4.643	5
1089	67	253	0.587	4.46	4.643	5
836	55	45	0.581	4.46	4.643	5.005
796	39	-9	0.581	4.46	4.643	5
733	24	-31	0.587	4.46	4.643	5.005
753	18	-38	0.587	4.454	4.643	5.005
776	14	13	0.587	4.454	4.643	5
1144	13	466	1.088	3.96	4.643	5.005
1287	13	505	1.039	4.011	4.643	5.005
1358	13	901	1.654	3.408	4.247	5

1988	16	1212	1.783	3.283	4.076	5
2076	21	1310	1.842	3.227	3.987	5.005
1860	25	596	0.581	4.46	4.643	5
856	23	6	0.581	4.46	4.643	5.005
796	20	15	0.581	4.46	4.643	5.005
754	14	-57	0.581	4.46	4.643	5
768	9	-10	0.581	4.46	4.643	5.005
763	4	-17	0.581	4.46	4.643	5.005
764	0	-10	0.581	4.46	4.643	5
772	0	-9	0.581	4.46	4.643	5.005

Battery (V)	Air Flow (gr/	Ambient Pre: Manifold Tur	Air Inlet Tem	Coolant Tem	Fuel Temp. (
14.35	62.5	101.58	219.97	33.9	41.2	36.5
13.85	59.2	101.58	220.55	33.9	41.2	36.7
14.35	63.5	101.7	220.86	33.7	41.2	36.7
13.81	60.2	101.7	220.91	33.7	41.2	36.7
14.07	63	101.58	221.42	33.7	41.5	36.7
14.38	62.2	101.7	222.02	33.7	41.5	36.7
14.03	62.5	101.58	222.02	33.7	41.5	36.9
14.45	62.7	101.58	221.42	33.7	41.5	37
14.35	98	101.44	221.13	33.7	41.7	37
13.91	58.4	101.58	224.71	33.7	41.7	37
13.85	62.2	101.7	221.49	33.5	42	37
13.81	59.2	101.7	221.72	33.5	42	37
13.78	63.5	101.7	221.13	33.5	42	37
13.88	61.7	101.7	221.49	33.5	42	37.2
13.94	63.5	101.7	222.02	33.5	42.2	37.2
14.45	64.1	101.7	221.44	33.5	42.5	37.2
14.03	63.2	101.58	222.02	33.5	42.5	37.5
14.42	65	101.58	221.49	33.4	42.5	37.5
13.69	63	101.58	221.72	33.4	42.5	37.5
13.91	62	101.44	221.13	33.4	42.5	37.5
14.03	61.7	101.7	221.21	33.2	42.7	37.5
14.35	62.7	101.7	221.49	33.2	42.7	37.5
13.88	63	101.7	220.91	33.2	43	37.5
13.94	63.4	101.7	221.14	33.2	43	37.7
14.07	63.9	101.58	221.21	33.2	43	37.7
14.1	63.9	101.58	220.91	33	43.2	37.7
14	63.2	101.58	221.21	33	43.2	37.7
13.85	62.5	101.7	220.91	33	43.4	37.9
14.35	63.9	101.7	221.42	33	43.5	37.9
13.81	62	101.58	220.63	33	43.5	38
13.94	61.9	101.58	221.13	33	43.5	38
14.03	60.7	101.58	220.91	33	43.7	38
14.1	82.6	101.7	223.47	33	43.7	38.2
14.1	61.9	101.58	221.78	32.9	43.7	38.2
14.03	62.2	101.58	221.42	32.9	43.7	38.2
14.19	92.5	101.44	221.21	32.9	44	38.2
14.07	110	101.7	227.63	32.9	44	38.4
14.19	117.5	101.7	231.05	32.9	44	38.4
14.07	138.1	101.58	237.52	32.7	44.2	38.4
14.42	194.6	101.44	100	32.7	44.2	38.5
13.46	189.8	101.05	100	32.7	44.5	38.5
14	177.3	101.05	100	32.7	44.5	38.5
14.35	165.5	101.44	100	32.5	44.7	38.7

14.13	179.6	101.44	100	32.5	44.7	38.7
14.26	187.5	101.05	100	32.5	44.7	38.7
14.32	185.8	101.31	100	32.5	44.7	38.7
14.07	175.5	101.44	100	32.4	45	38.7
14.38	169.5	101.18	100	32.4	45	38.9
14.42	93.4	101.44	100	32.2	45.2	38.9
13.94	60.2	101.7	100	32.2	45.5	38.9
14.26	60.7	101.58	100	32.2	45.5	39
13.97	60.2	101.58	100	32.2	45.7	39
14.03	60.2	101.58	221.21	32	46	39
14.07	61.5	101.58	221.49	32	46	39
13.88	62.2	101.58	221.5	32	46	39.2
14.35	61	101.7	221.72	32	46.2	39.2
14.07	61.7	101.44	221.49	32	46.5	39.2
13.81	61.7	101.7	222.02	32	46.5	39.2
14.19	60.9	101.58	222.02	32	46.7	39.4
14.26	149.3	101.44	239.86	32	46.9	39.4
14.38	180	101.44	100	32	47	39.5
14.13	216.8	101.05	100	32	47	39.5
14.38	277.3	100.91	100	32	47.2	39.5
14.19	315.8	100.79	100	32	47.2	39.5
14.19	269.3	100.91	100	32	47.5	39.7
14.29	310.7	100.66	100	32	47.5	40
14.45	470.2	99.73	100	32	47.7	40
14.35	486.6	99.33	100	32	47.9	40
14.13	241.1	101.31	100	32	48	40
14.07	149.6	101.18	100	32.2	48.2	40
14.38	148.5	101.58	100	32.2	48.5	40.2
14.35	145.3	101.18	100	32.4	48.7	40.2
14.35	149	101.31	100	32.5	49.2	40.2
14.16	148	101.44	100	32.5	49.5	40.2
14.26	159	101.44	100	32.7	49.7	40.2
14.22	177.8	101.31	100	32.7	50	40.5
14.26	245.8	100.91	100	32.7	50.2	40.5
14.1	294.3	100.91	100	32.7	50.5	40.5
14.48	324.2	100.38	100	32.9	50.7	40.5
13.88	346.1	100.38	100	32.9	51	40.7
14.29	303.8	100.52	100	33	51.4	40.7
14.38	290.8	100.66	100	33	51.5	40.7
13.91	289.7	100.66	100	33.2	51.7	40.7
13.43	287.1	100.52	100	33.2	52.2	41
14.22	388.2	100	100	33.2	52.5	41
14.13	325.5	100.52	100	33.4	52.5	41.2
14.38	233	101.05	100	33.5	52.9	41.2
14.38	212.5	101.05	100	33.5	53.5	41.2
14.45	233	101.05	100	33.5	53.7	41.2

14.13	259.7	100.91	100	33.7	53.9	41.5
14.42	265.7	100.79	100	33.7	54.5	41.5
13.5	273.2	100.79	100	33.7	54.7	41.5
14.32	286.1	100.66	100	33.9	55	41.7
14.32	301.7	100.38	100	33.9	55.2	41.7
14.1	308.3	100.52	100	33.9	55.5	41.7
13.65	313.1	100.66	100	34	55.5	41.7
14.26	278.8	100.52	100	34	56	42
14.16	269.5	100.79	100	34	56.5	42
14.32	246.8	100.91	100	34	54.2	42.2
14.48	210.1	101.18	100	34	56.9	42.5
14.19	159.3	100.79	100	34	57.2	42.5
14.07	159.1	100.79	100	34	57.7	42.5
14.29	188.3	101.05	100	34	57.7	42.5
13.94	255.6	100.66	100	34	58	42.5
13.91	353.1	99.87	100	34	58.5	42.7
14.32	418.5	99.47	100	34	58.7	42.7
14.32	515.2	98.8	100	34	59	43
13.94	429.5	100	100	34.2	59.2	43
14.29	113.1	100.91	100	34.2	59.4	43
14.13	86	101.18	100	34.2	59.7	43.2
14.13	75.4	101.31	100	34.2	59.7	43.4
14.42	80.8	100.91	100	34.4	60.4	43.5
14.29	191.5	101.05	100	34.4	60.7	43.5
13.72	293.5	100.52	100	34.5	60.9	43.7
14.35	435.3	99.73	100	34.5	61.4	43.7
14.16	478.2	99.33	100	34.5	61.5	43.7
14.38	492.6	99.08	100	34.5	61.7	43.7
14.42	501	99.08	100	34.7	62.2	44
14.03	218	101.31	100	34.7	62.2	44
14.29	136.3	101.44	100	35	62.7	44.2
14	130.3	101.31	100	35	62.9	44.2
14.03	120.5	101.44	100	35.2	63.4	44.5
14.13	110.5	101.58	225.28	35.2	63.7	44.5
14.07	105.5	101.58	224.71	35.2	64	44.7
14.13	101.8	101.05	223.25	35.2	64.3	44.7
14.13	94.6	101.18	222.96	35.2	64.5	44.7
14.13	84	101.44	223.75	35.2	64.6	45
14.45	66.1	101.44	223.17	35.2	65	45
14.16	59.5	101.44	222.38	35	65.3	45
14.19	57.5	101.58	222.61	35	65.3	45.2
14.16	58.2	101.58	223.75	35	65.5	45.2
13.81	60.5	101.44	224.13	35	65.5	45.5
13.88	100.4	101.7	226.39	34.7	65.5	45.5
14.03	111.8	101.18	236.66	34.7	67.5	45.7
14.1	146.8	101.44	242.13	34.5	65.9	45.7

14.45	239.1	101.05	100	34.5	66	45.7
14.32	266.8	100.79	100	34.5	66	46
14.32	164.8	101.31	100	34.4	66	46.2
13.85	63.2	101.58	100	34.2	66.1	46.2
14.07	61.2	101.58	100	34	66.1	46.5
13.91	57.2	101.44	100	34	66.1	46.5
13.62	61.2	101.58	100	33.9	66.1	46.7
14.35	59.7	101.44	100	33.9	66.3	46.7
13.88	60.5	101.44	223.25	33.7	66.3	46.9
14.26	60.5	101.58	224.05	33.7	66.5	47

EGR Inlet (%)	EGR Modulator	Wastegate (%)	Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4
0	0	0	-2	1	0	-1
0	0	0	1	-3	2	-1
0	0	0	0	1	3	-1
0	0	0	3	-1	3	-2
0	0	0	0	0	3	-1
0	0	0	-1	0	3	-3
0	0	0	-1	0	2	-1
0	0	0	0	-2	2	-2
0	0	0	-3	-1	0	5
0	0	0	18	0	39	-19
0	12	0	-2	-1	-3	2
0	0	0	-2	0	-2	2
0	0	0	0	-2	-1	3
0	0	0	0	-1	-1	-1
0	0	0	-1	0	-2	2
0	0	0	0	1	0	0
0	0	0	-2	0	1	4
0	0	0	-1	0	0	5
0	0	0	-2	0	-1	3
0	0	0	-2	0	0	2
0	0	0	-1	1	0	1
0	0	0	-1	0	1	1
0	0	0	-1	1	-1	0
0	0	0	-2	1	0	0
0	0	0	0	0	0	0
0	0	0	1	1	-2	-1
0	0	0	-1	1	-3	-1
0	0	0	1	-1	-1	-1
0	0	0	0	0	0	0
0	0	0	1	0	0	-1
0	0	0	1	-1	-1	0
0	0	0	2	0	0	-2
0	0	0	-5	-2	-1	1
0	0	0	-1	-1	-2	3
0	0	0	-3	0	1	1
0	0	0	-1	-1	0	2
0	0	0	-2	-2	1	4
0	0	0	-2	-3	2	2
0	0	0	-1	-1	2	0
0	0	0	-2	1	1	-1
0	0	0	-2	0	1	1
0	0	0	-2	0	0	2
0	0	0	-3	2	0	0

0	0	0	-1	1	1	0
0	0	0	-1	1	1	2
0	0	0	-1	0	1	1
0	0	0	-3	2	1	0
0	0	0	-4	2	2	1
0	0	0	-2	1	0	3
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Cylinder 5

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