

Seconds (sec)	RPM (RPM)	Knock Retard (°)	Mass Airflow (g)	Throttle Position	Vehicle Speed (
0	2227	0	18.49	10.53	1.24
0.12	2149	0	17.24	10.14	1.86
0.24	1914	0	18.18	10.53	1.86
0.36	1786	0	18.02	10.92	3.11
0.48	1634	0	16.5	9.75	3.11
0.6	1474	0	14.97	9.75	3.73
0.72	1329	0	14.97	9.36	4.35
0.86	976	0	11.13	8.19	5.59
0.98	1010	0	13.57	10.14	5.59
1.1	1212	0	19.4	12.87	5.59
1.22	1284	0	19.99	13.26	6.21
1.34	1371	0	20.87	14.04	6.84
1.46	1470	0	27.06	15.99	7.46
1.58	1536	0	26.4	15.99	8.08
1.7	1621	0	27.72	15.99	8.08
1.82	1707	0	30.7	16.38	8.7
1.94	1882	0	27.5	14.04	9.94
2.06	1947	0	29.76	14.82	10.56
2.18	2060	0	36.83	17.16	11.18
2.3	2163	0	36.57	16.38	11.18
2.42	2213	0	33.34	14.82	11.81
2.54	2363	0	35.1	15.21	12.43
2.66	2464	0	33.91	14.43	13.05
2.78	2501	0	32.2	13.65	13.67
2.9	2551	0	32.77	14.04	13.67
3.02	2641	0	35.1	14.82	13.67
3.14	2739	0	32.2	13.65	14.29
3.26	2788	0	35.7	14.82	14.91
3.38	2861	0	37.37	14.82	15.53
3.5	2910	0	37.1	14.43	15.53
3.62	2930	0	39	15.21	15.53
3.74	3084	0	42.4	16.77	16.16
3.86	3134	0	43.87	15.99	16.78
3.98	3199	0	44.76	16.77	17.4
4.1	3255	0	47.2	16.77	17.4
4.22	3315	0	53.62	18.33	17.4
4.34	3494	0	73.17	20.67	18.02
4.46	3598	0	79.49	21.06	18.64
4.58	3709	0	89.18	22.23	19.88
4.7	3838	0	125.21	31.59	19.88
4.82	4100	0	172.95	72.15	21.13
4.94	4440	0	226.45	74.49	22.99
5.06	4696	0	230.75	74.88	24.23
5.18	4934	0	245.82	74.88	26.72
5.3	5161	0	259.74	75.27	26.72
5.42	5423	0	268.39	75.27	28.58

Actual AFR (AFI)	DI Fuel Press (F)	Boost (PSI)	Spark Adv ( )	Wastegate Duty
14.85	1274.84	-7.25	24.5	0.37
14.85	1245.83	-7.4	23	0.38
14.85	1257.43	-7.25	22.5	0.38
14.99	1325.6	-6.67	26	0.38
14.99	1361.86	-6.24	27.5	0.38
14.85	1367.66	-5.95	24	0.38
14.85	1361.86	-5.37	21	0.33
15.29	1235.68	-4.5	18.5	0.16
15.29	1171.86	-4.35	20	0.11
14.41	1141.41	-3.48	13.5	0.24
14.26	1360.41	-2.76	11	0.28
14.41	1361.86	-2.76	13.5	0.3
14.41	1546.05	-1.89	8	0.31
14.41	1633.07	-1.74	7	0.3
14.55	1633.07	-1.74	9	0.25
14.41	1676.58	-1.6	12.5	0.22
14.26	1662.07	-3.05	17.5	0.19
14.85	1615.66	-3.05	21	0.15
14.26	1637.42	-2.32	18	0.12
14.26	1669.33	-2.32	21.5	0.12
14.7	1664.97	-2.47	23	0.12
14.99	1644.67	-2.9	23	0.11
14.55	1651.92	-3.48	24	0.11
14.85	1651.92	-4.35	25.5	0.11
14.85	1615.66	-4.5	25.5	0.11
14.41	1609.86	-4.64	25.5	0.12
14.7	1580.86	-5.08	26.5	0.13
14.55	1564.9	-5.08	25.5	0.14
14.41	1595.36	-4.93	25	0.14
14.55	1649.02	-4.64	28.5	0.15
14.99	1612.76	-4.93	28.5	0.14
14.85	1637.42	-4.35	28	0.13
14.55	1672.23	-3.92	28	0.13
14.7	1669.33	-4.06	28.5	0.13
14.7	1676.58	-3.92	26.5	0.14
14.41	1666.42	-3.63	21	0.14
13.96	1669.33	-1.45	16	0.14
13.52	1689.63	-0.73	14.5	0
14.41	1647.57	-0.15	12.5	62.24
12.94	1721.54	3.48	4	24.7
11.32	1692.53	7.98	-4.5	16.95
11.47	1714.29	15.95	-3.5	57.36
11.17	1620.01	16.39	0	65.43
10.88	1679.48	16.68	2	65.42
10.73	1606.96	17.11	4	58.3
10.29	1612.76	17.26	6.5	55.47

Seconds (sec)	RPM (RPM)	Knock Retard (°)	Mass Airflow (g)	Throttle Position	Vehicle Speed (
5.54	5673	0	271.31	75.66	30.45
5.66	5841	0	260.69	26.52	30.45
5.78	5502	0	21.79	5.85	31.69
5.9	5315	0	21.05	3.51	31.69
6.02	5126	0	16.79	3.51	31.69
6.14	4944	0	10.74	3.51	31.69
6.26	4777	0	7.57	3.51	31.69
6.38	4213	0	87.45	62.01	31.69
6.5	3826	0	101.73	67.86	32.93
6.62	3949	0	122.94	73.32	32.93
6.74	4049	0	159.22	74.1	33.55
6.86	4051	0	195.73	74.1	34.8
6.98	4330	0	254.1	74.1	35.42
7.1	4409	0	248.54	74.49	37.28
7.22	4483	0	240.41	74.49	37.28
7.34	4618	0	240.41	74.49	38.52
7.46	4693	0	242.19	74.49	39.77
7.58	4835	0	247.64	74.49	39.77
7.7	4931	0	252.24	74.88	41.63
7.82	5186	0	259.74	74.88	42.87
7.98	5338	0	263.54	75.27	44.74
8.14	5462	0	266.45	75.27	46.6
8.26	5584	0	267.42	75.27	46.6
8.38	5734	0	269.36	75.27	47.85
8.5	5814	0	205.09	16.38	49.71
8.62	5547	0	9.7	3.9	49.71
8.74	5357	0	17.7	2.73	49.09
8.88	5176	0	14.71	2.73	49.71
9.02	4832	0	6.83	3.12	49.09
9.16	4655	0	69.31	40.17	49.71
9.28	4263	0	107.79	67.47	49.71
9.4	4173	0	159.89	74.1	50.95
9.52	4143	0	191.18	74.1	50.95
9.64	4239	0	230.75	74.1	51.57
9.76	4307	0	248.54	74.1	52.82
9.88	4298	0	239.53	74.49	52.82
10	4443	0	234.22	74.49	54.68
10.12	4499	0	233.35	74.49	54.68
10.24	4576	0	235.98	74.49	55.92
10.36	4607	0	237.75	74.49	57.17
10.5	4699	0	239.53	74.49	57.17
10.62	4752	0	243.1	74.49	58.41
10.76	4873	0	244.92	74.88	59.65
10.9	4950	0	248.54	74.88	60.89
11.02	5006	0	251.32	74.88	62.14
11.14	5057	0	254.1	74.88	62.14

Actual AFR (AFI)	DI Fuel Press (F)	Boost (PSI)	Spark Adv ( )	Wastegate Duty
9.85	1589.56	16.97	7.5	0
13.38	1392.31	16.24	9.5	0.1
29.25	1749.09	-5.37	33	0.02
29.25	1756.35	-11.89	43.5	0.04
29.25	1759.25	-12.33	48.5	0.08
29.25	1763.6	-12.33	51.5	0.11
29.25	1766.5	-12.33	52.5	62.49
13.38	1567.8	-3.34	18.5	71.03
12.94	1693.98	0.44	11	75.59
12.35	1707.03	2.61	2	75.18
12.79	1743.29	5.95	-5	72.99
10.58	1683.83	10.44	-10	37.19
10.73	1634.52	20.3	-10.5	34.04
11.76	1463.38	21.32	-3.5	45.56
11.61	1327.05	20.16	-2.5	54.56
11.47	1298.04	19.29	-1	58.69
11.47	1280.64	18.85	1.5	61.71
11.32	1374.91	18.71	2.5	64.29
11.61	1347.35	18.85	4	66.29
11.47	1448.88	18.71	5	71.02
11.32	1518.49	18.71	6	76.02
11.47	1580.86	18.42	6.5	78.1
11.17	1689.63	17.69	7.5	26.64
10.14	1736.04	17.4	8.5	0.1
29.25	1637.42	15.08	9	0
29.25	1801.31	-8.41	40	0.02
29.25	1808.56	-12.33	47.5	0.06
29.25	1812.91	-12.33	50	0.09
29.25	1818.71	-12.33	51.5	63.62
12.94	1724.44	-9.14	13.5	73.88
12.79	1709.93	-0.44	-1.5	77.29
12.49	1676.58	5.8	7	75.13
11.61	1738.94	10.59	-5.5	61
11.61	1657.72	15.95	-13.5	34.94
11.91	1620.01	20.74	-3.5	36.02
11.91	1473.53	22.04	-2.5	44.79
11.76	1377.81	20.01	-2	48.65
11.76	1316.9	19.14	-0.5	48.92
11.61	1325.6	18.85	0.5	50.47
11.47	1329.95	18.85	1.5	50.58
11.47	1389.41	18.85	3	51.69
11.32	1438.72	18.71	3	53.19
11.32	1470.63	18.85	3	54.87
11.32	1599.71	18.85	3.5	55.64
11.32	1634.52	18.71	3.5	57.27
11.32	1672.23	18.85	5	0

Seconds (sec)	RPM (RPM)	Knock Retard (°)	Mass Airflow (g)	Throttle Position	Vehicle Speed (
11.26	5133	1.05	254.1	74.88	63.38
11.38	5183	0	73.56	14.04	64.62
11.5	4687	0	16.07	2.73	64
11.62	4548	0	14.44	2.73	64
11.74	4396	0	10.26	3.12	64
11.86	4256	0	6.69	3.12	64
11.98	4062	0	5.45	3.12	64
12.1	3947	0	12.18	7.02	63.38
12.22	3935	0	11.86	7.02	64
12.34	3898	0	10.45	7.02	64
12.46	3902	0	10.35	6.63	63.38
12.58	3900	0	9.97	6.63	63.38
12.7	3888	0	10.35	6.63	63.38
12.82	3878	0	10.35	6.63	62.76
12.94	3860	0	10.07	6.63	62.76
13.06	3840	0	9.88	6.63	62.76
13.18	3828	0	9.42	6.63	62.14
13.3	3782	0	9.51	6.63	61.52
13.42	3761	0	9.7	6.63	60.89
13.54	3744	0	9.79	6.63	60.89
13.66	3714	0	9.97	6.63	60.27
13.78	3700	0	9.79	6.63	60.27
13.9	3651	0	9.15	6.24	59.65
14.02	3625	0	9.24	6.24	59.03
14.14	3598	0	8.81	6.24	59.03
14.26	3571	0	8.22	6.24	58.41
14.38	3554	0	8.64	6.24	57.79
14.5	3509	0	8.73	6.24	57.17
14.62	3491	0	8.55	6.24	56.54
14.74	3469	0	8.22	5.85	56.54
14.86	3437	0	8.3	5.85	55.92
14.98	3409	0	7.97	5.85	55.3
15.1	3367	0	8.22	5.85	54.68
15.22	3342	0	8.05	5.85	54.06
15.34	3329	0	7.57	5.85	54.06
15.46	3318	0	7.81	5.85	54.06
15.58	3326	0	7.73	5.85	54.06
15.7	3312	0	7.42	5.85	54.06
15.82	3312	0	7.57	5.85	54.06
15.94	3311	0	7.73	5.85	54.06
16.06	3304	0	7.57	5.85	53.44
16.18	3304	0	7.73	5.85	53.44
16.3	3296	0	7.42	5.46	53.44
16.42	3286	0	7.65	5.46	53.44
16.54	3289	0	7.34	5.46	53.44
16.66	3288	0	7.34	5.46	53.44

Actual AFR (AFI)	DI Fuel Press (F)	Boost (PSI)	Spark Adv ( )	Wastegate Duty
12.49	1707.03	18.71	6	0.09
22.2	1577.96	14.07	28	0.03
29.25	1753.44	-11.89	50.5	0.06
29.25	1760.7	-12.33	53	0.11
29.25	1766.5	-12.33	53	0.14
29.25	1770.85	-12.33	52.5	0.14
29.25	1773.75	-12.33	47	0.14
29.25	1783.9	-11.75	47	0.14
29.25	1785.35	-11.46	47.5	0.14
29.25	1788.25	-11.46	47	0.14
29.25	1794.05	-11.46	47	0.13
29.25	1795.5	-11.46	47	0.14
29.25	1801.31	-11.46	47	0.2
29.25	1805.66	-11.46	46.5	0.21
29.25	1808.56	-11.46	46.5	0.2
29.25	1811.46	-11.46	46	0.18
29.25	1812.91	-11.46	45.5	0.18
29.25	1815.81	-11.46	46	0.15
29.25	1820.16	-11.46	45.5	0.14
29.25	1823.06	-11.46	45.5	0.16
29.25	1823.06	-11.46	45	0.13
29.25	1825.96	-11.46	44.5	0.13
29.25	1828.86	-11.46	44.5	0.13
29.25	1830.31	-11.46	44	0.14
29.25	1833.21	-11.46	44	0.14
29.25	1830.31	-11.46	43.5	0.13
29.25	1833.21	-11.46	43.5	0.13
29.25	1833.21	-11.6	43	0.12
29.25	1836.11	-11.46	43	0.13
29.25	1836.11	-11.6	43	0.14
29.25	1836.11	-11.46	42.5	0.13
29.25	1836.11	-11.46	42	0.13
29.25	1836.11	-11.46	42	0.13
29.25	1836.11	-11.46	42	0.15
29.25	1833.21	-11.6	42	0.13
29.25	1833.21	-11.6	42	0.11
29.25	1836.11	-11.6	42	0.1
29.25	1836.11	-11.6	42	0.1
29.25	1833.21	-11.6	42	0.12
29.25	1833.21	-11.6	42	0.13
29.25	1833.21	-11.46	41.5	0.13
29.25	1836.11	-11.6	41.5	0.13
29.25	1833.21	-11.6	41.5	0.13
29.25	1833.21	-11.6	41.5	0.13
29.25	1836.11	-11.6	41.5	0.14
29.25	1836.11	-11.6	41.5	0.17

Seconds (sec)	RPM (RPM)	Knock Retard (°)	Mass Airflow (g)	Throttle Position (%)	Vehicle Speed (mph)
16.78	3280	0	7.34	5.46	53.44

Actual AFR (AFI)	DI Fuel Press (F)	Boost (PSI)	Spark Adv (°)	Wastegate Duty
29.25	1833.21	-11.6	41.5	0.18