

Live data 2

BlueDriver Data Log											
Jan 24		2022									
Time(s)	Wide Range O2S: Bank 1 - Sensor 1 - Current (mA)	Long Term Fuel Trim Bank 2 (%)	Barometric Pressure (inHg)	Short Term Fuel Trim Bank 2 (%)	O2 Bank 1 - Sensor 2 - Oxygen Sensor Voltage (V)	O2 Bank 2 - Sensor 2 Oxygen Sensor Voltage (V)	Engine RPM (rpm)	Mass Air Flow Rate (g/s)	Short Term Fuel Trim Bank 1 (%)	Vehicle Speed (MPH)	Absolute Load Value (%)
0.00	-0.087	-3.1	29.5	1.5	0.373	0.377	1693	57.31	5.0	50	62.1
1.40	-0.107	-2.0	29.5	5.1	0.720	0.771	1691	58.83	1.9	50	64.7
2.80	-0.073	-1.9	29.5	1.0	0.122	0.170	1688	51.66	0.3	50	63.8
4.20	-0.130	-2.3	29.5	-4.7	0.384	0.365	1693	50.41	3.8	51	59.7
5.60	-0.135	-1.7	29.5	1.5	0.725	0.725	1695	49.70	1.6	51	56.1
7.00	0.009	-1.9	29.5	1.2	0.529	0.693	1694	51.60	0.2	50	56.5
8.40	0.028	-2.4	29.5	0.8	0.622	0.742	1697	48.80	0.8	51	57.3
9.80	0.046	-3.1	29.5	0.8	0.720	0.731	1703	45.67	-0.4	51	60.1
11.20	0.055	-3.1	29.5	-0.4	0.723	0.723	1715	46.17	-1.3	51	57.9
12.60	0.004	-3.1	29.5	-2.2	0.573	0.565	1718	45.16	0.0	51	53.0
14.00	-0.059	-3.6	29.5	0.0	0.289	0.185	1724	44.46	0.0	51	57.6
15.40	-0.101	-3.9	29.5	0.0	0.375	0.523	1731	45.87	0.5	52	55.7
16.80	-0.109	-3.9	29.5	0.3	0.526	0.735	1754	46.72	2.3	52	52.2
18.20	-0.097	-2.4	29.5	3.1	0.765	0.734	1774	47.25	0.6	52	51.1
19.60	0.064	-2.9	29.5	1.2	0.742	0.735	1790	42.25	-0.2	53	49.0
21.00	0.070	-3.9	29.5	-1.3	0.721	0.695	1803	39.37	1.6	54	46.1
22.40	0.049	-3.9	29.5	0.8	0.661	0.615	1715	34.69	1.1	54	40.8
23.80	-0.082	-4.7	29.5	-0.8	0.657	0.641	1469	25.14	1.1	54	38.1
25.20	-0.009	-6.2	29.5	-2.4	0.599	0.681	1457	18.97	2.3	54	33.8
26.60	0.050	-6.2	29.5	5.4	0.506	0.735	1453	15.21	-3.4	54	25.3
28.00	0.011	-4.6	29.5	0.3	0.752	0.285	1461	32.12	-4.7	53	43.1
29.40	0.010	-1.6	29.5	-6.0	0.725	0.280	2330	93.97	5.4	55	73.9
30.80	-0.032	-0.8	29.5	3.9	0.669	0.750	3110	161.38	-1.8	57	93.5
32.20	-0.194	-0.8	29.5	-0.8	0.714	0.471	3687	161.04	-6.4	63	90.7
33.60	-0.225	-0.8	29.5	-6.9	0.478	0.465	3208	142.31	-4.7	65	85.0
35.00	-0.210	-0.8	29.5	-6.2	0.224	0.722	2981	119.94	-4.7	67	78.5
36.40	-0.074	-0.8	29.5	-5.9	0.731	0.754	2958	115.00	-8.6	69	49.7
37.80	-0.175	-1.0	29.5	-6.0	0.784	0.785	2063	48.83	-16.4	67	17.7
39.20	-0.211	-2.4	29.5	-7.8	0.819	0.811	1884	12.46	-16.9	66	13.6
40.60	-0.179	-1.9	29.5	-12.8	0.812	0.810	1644	11.38	-12.0	63	14.2
42.00	-0.498	-1.4	29.5	-14.7	0.858	0.850	1575	10.47	-4.1	60	14.3
43.40	-0.470	-0.8	29.5	-10.1	0.631	0.694	1408	8.69	0.0	58	12.7
44.80	-0.183	-0.8	29.5	-3.6	0.025	0.011	1388	8.73	0.0	56	17.9
46.20	2.076	-0.8	29.5	0.0	0.498	0.387	2012	58.08	0.5	55	35.2
47.60	1.121	-0.8	29.5	0.1	0.725	0.664	2130	63.16	3.1	55	66.1
49.00	0.015	-0.8	29.5	3.1	0.736	0.715	2171	65.44	-1.0	56	53.4
50.40	-0.024	-1.4	29.5	1.0	0.677	0.711	2058	42.89	-2.5	57	44.7
51.80	-0.057	-2.8	29.5	-0.8	0.627	0.689	1620	36.33	0.9	56	35.3
53.20	-0.083	-6.2	29.5	3.1	0.606	0.656	1562	34.28	6.2	56	41.3
54.60	-0.094	-5.1	29.5	6.2	0.699	0.628	1493	30.28	4.1	56	55.7
56.00	0.016	-3.9	29.5	5.7	0.416	0.416	1518	52.06	0.9	56	60.1
57.40	-0.115	-3.9	29.5	-2.3	0.248	0.211	1515	48.20	1.6	57	38.1
58.80	-0.370	-5.2	29.5	3.3	0.295	0.175	1517	40.89	2.3	57	48.0
60.20	-0.035	-5.9	29.5	5.5	0.469	0.531	1531	34.69	3.1	58	48.0
61.60	-0.104	-4.7	29.5	3.9	0.672	0.705	1532	27.27	3.1	58	27.9
63.00	-0.182	-5.1	29.5	4.4	0.719	0.703	1532	16.78	-0.5	58	28.6
64.40	0.116	-5.1	29.5	1.2	0.632	0.381	1529	35.94	-4.2	57	34.1
65.80	0.065	-3.9	29.5	-6.2	0.803	0.271	1532	27.66	-1.5	57	47.5
67.20	-0.006	-4.9	29.5	-3.5	0.645	0.630	1533	19.41	-2.4	58	36.4
68.60	-0.027	-5.8	29.5	-2.0	0.587	0.672	1528	33.38	-2.9	57	34.2
70.00	-0.134	-6.2	29.5	-0.9	0.546	0.659	1534	28.22	-2.3	57	38.9
71.40	-0.100	-4.7	29.5	3.1	0.514	0.613	1538	26.98	-0.4	57	53.3
72.80	0.323	-4.0	29.5	3.9	0.657	0.682	1549	39.28	2.3	58	51.2
74.20	0.185	-3.4	29.5	4.8	0.615	0.663	1566	34.80	5.6	58	46.8
75.60	0.072	-5.5	29.5	5.5	0.598	0.671	1563	31.26	8.5	58	38.1
77.00	0.031	-5.9	29.5	7.9	0.664	0.714	1561	29.96	7.8	58	39.1
78.40	0.035	-6.2	29.5	8.0	0.611	0.613	1559	28.47	6.9	58	38.5
79.80	-0.059	-6.2	29.5	5.5	0.627	0.582	1557	27.71	6.2	58	36.5
81.20	-0.120	-6.2	29.5	6.2	0.646	0.640	1558	27.02	4.0	58	48.1
82.60	0.039	-5.9	29.5	4.1	0.658	0.675	1564	27.08	2.9	58	45.4
84.00	-0.031	-5.5	29.5	2.5	0.695	0.697	1572	34.09	3.8	59	39.8
85.40	-0.102	-5.5	29.5	6.2	0.684	0.708	1591	45.24	3.1	59	53.3
86.80	-0.156	-2.9	29.5	5.3	0.534	0.693	1618	61.43	2.5	60	65.6
88.20	-0.243	-1.5	29.5	1.8	0.687	0.753	1653	36.01	0.9	62	64.2
89.60	-0.188	-4.7	29.5	-6.2	0.804	0.810	1661	20.11	-10.9	62	19.3
91.00	0.000	-3.5	29.5	-12.1	0.783	0.782	1666	19.09	-10.0	62	21.1
92.40	0.049	-2.9	29.5	-12.4	0.420	0.465	1626	35.46	-8.3	61	26.8
93.80	0.027	-5.5	29.5	-0.8	0.247	0.511	1633	35.46	-3.9	61	43.6
95.20	-0.056	-5.5	29.5	-3.2	0.520	0.559	1639	18.05	-5.3	62	32.3
96.60	0.070	-5.5	29.5	-5.6	0.236	0.278	1630	28.03	-5.5	61	29.5
98.00	0.096	-5.0	29.5	0.6	0.245	0.222	1636	24.06	3.1	62	41.2
99.40	0.096	-5.0	29.5	0.6	0.585	0.634	1639	18.16	-0.9	61	29.2
100.80	-0.179	-4.0	29.5	-0.6	0.645	0.675	1627	19.17	-6.2	61	19.2
102.20	-0.189	-2.3	29.5	-10.2	0.711	0.711	1659	15.30	-12.5	60	12.9
103.60	-0.135	-1.8	29.5	-10.1	0.765	0.734	1647	12.29	-8.0	60	26.8
105.00	0.183	-2.2	29.5	-8.1	0.712	0.707	1575	18.74	-6.5	59	23.0
106.40	0.017	-3.1	29.5	-3.1	0.713	0.700	1601	20.72	-11.7	58	18.3
107.80	-0.106	-3.1	29.5	-3.9	0.679	0.680	1596	27.42	-6.2	58	36.2
109.20	-0.016	-4.0	29.5	-2.5	0.190	0.357	1547	54.19	-1.6	58	51.2
110.60	0.026	-5.3	29.5	-0.6	0.430	0.399	2911	121.33	0.8	60	77.4
112.00	0.027	-0.8	29.4	0.8	0.770	0.770	3795	196.36	-2.7	63	103.0
113.40	-0.105	-0.8	29.2	-1.5	0.763	0.782	3999	210.23	-4.4	68	98.0
114.80	-0.129	-0.8	29.2	-4.5	0.785	0.798	3218	170.74	-3.9	71	90.4
116.20	-0.168	-0.8	29.2	-7.0	0.813	0.818	3183	111.64	-3.9	73	78.0
117.60	-0.230	-1.8	29.2	-10.6	0.858	0.847	3062	17.00	-3.4	75	49.2
119.00	-0.064	-3.0	29.2	-11.5	0.831	0.832	1944	13.77	-2.3	73	14.2
120.40	0.002	-2.3	29.2	0.0	0.665	0.682	1878	10.94	-0.7	71	12.6
121.80	-0.056	-2.0	29.2	0.0	0.220	0.070	1789	9.16	0.0	69	11.5
123.20	2.149	-1.4	29.2	0.0	0.085	0.032	1592	8.32	0.0	67	10.5
124.60	2.264	-0.8	29.2	0.0	0.000	0.000	1549	7.95	0.0	66	10.2
126.00	2.419	-0.8	29.2	0.0	0.000	0.000	1492	7.89	0.0	64	10.4
127.40	2.382	-0.8	29.2	0.0	0.000	0.000	1427	7.63	0.0	61	10.6
128.80	2.403	-0.8	29.2	0.0	0.000	0.000	1380	7.13	0.0	61	10.6
130.20	2.402	-0.8	29.2	0.0	0.000	0.000	1323	6.72	0.0	59	10.6
131.60	2.266	-0.8	29.2	0.0	0.000	0.001	1296	6.65	0.0	57	10.6
133.00	2.313	-0.9	29.2	0.0	0.064	0.265	1522	33.04	0.0	56	15.6
134.40	1.696	-1.6	29.2	0.0	0.224	0.662	1723	53.86	-2.1	56	52.9
135.80	-0.117	-2.3	29.2	-2.5	0.699	0.629	1843	45.47	-3.1	57	50.6
137.20	-0.012	-3.3	29.2	-4.1	0.670	0.529	1812	42.91	-2.7	57	48.6
138.60	-0.010	-3.9	29.2	-3.9	0.655	0.491	1667	39.57	1.6	57	48.6
140.00	-0.076	-4.4	29.2	1.2	0.670	0.522	1522	35.60	4.4	57	45.8
141.40	0.046	-4.9	29.2	3.9	0.648	0.678	1520	30.92	7.9	57	43.8
142.80	0.075	-5.5	29.2	5.5	0.635	0.648	1528	33.65	8.6	57	43.6
144.20	0.094	-5.0	29.2	8.3	0.636	0.590	1535	37.81	7.8	57	50.6
145.60	-0.039	-4.7	29.2	9.1	0.648	0.660	1538	36.50	6.5	58	52.5
147.00	0.016	-4.7	29.2	8.4	0.629	0.630	1544	39.33	4.7	58	56.0
148.40	0.018	-4.1	29.2	5.5							

173.80	-0.022	-0.8	29.2	-3.4	0.673	0.549	3429	166.76	-1.7	58	95.0
175.00	-0.078	-0.8	29.2	-5.5	0.691	0.444	3853	183.53	-6.2	62	99.5
176.40	0.016	-0.8	29.2	-5.9	0.747	0.310	3881	160.04	-5.7	66	105.4
177.80	-0.275	-1.3	29.2	-5.5	0.934	0.914	3912	38.73	-6.7	69	57.1
179.20	-0.285	-3.9	29.2	-3.1	0.853	0.858	2345	21.80	-7.9	66	13.8
180.60	-0.060	-2.5	29.2	-3.1	0.808	0.814	1990	13.37	-3.9	65	14.1
182.00	0.269	-1.3	29.2	-2.0	0.815	0.824	1614	11.24	-1.9	64	12.9
183.40	1.130	-0.8	29.2	0.0	0.257	0.321	1403	7.43	0.0	61	11.5
184.80	2.160	-0.8	29.2	0.0	0.003	0.003	1344	7.27	0.0	59	10.2
186.20	2.270	-0.8	29.2	0.0	0.011	0.003	1395	12.56	0.0	58	10.3
187.60	0.949	-0.9	29.2	-0.4	0.115	0.165	1570	36.59	-0.4	56	27.5
189.00	-0.200	-4.7	29.2	-3.9	0.364	0.330	1677	34.85	-1.6	56	52.6
190.40	-0.023	-5.0	29.2	-6.4	0.710	0.659	1664	31.45	-6.2	57	33.8
191.80	-0.034	-5.5	29.2	-8.1	0.669	0.639	1501	24.37	-6.7	57	34.2
193.20	-0.012	-6.2	29.2	0.0	0.677	0.638	1510	25.21	0.0	57	34.7
194.60	0.082	-5.9	29.2	-2.8	0.679	0.636	1509	25.48	-3.1	57	33.0
196.00	-0.003	-5.2	29.2	-4.0	0.629	0.649	1509	23.41	-1.9	57	34.1
197.40	-0.061	-3.9	29.2	1.6	0.473	0.438	1511	44.10	3.1	57	41.7
198.80	-0.095	-2.3	29.2	0.2	0.424	0.290	2028	72.02	3.1	57	71.7
200.20	-0.401	-0.8	29.2	0.5	0.724	0.754	2677	105.40	2.5	59	68.2
201.60	-0.324	-0.8	29.2	3.9	0.737	0.752	2732	109.86	1.5	62	67.4
203.00	-0.183	-0.8	29.2	1.0	0.739	0.683	2803	119.19	0.8	63	73.3
204.40	0.012	-0.8	29.2	-2.1	0.719	0.385	3036	132.95	-1.2	66	91.7
205.80	-0.061	-0.8	29.2	-5.5	0.685	0.469	4094	192.25	-3.9	70	106.1
207.20	-0.199	-0.8	29.2	-5.5	0.707	0.602	4244	226.33	-3.9	72	105.4
208.60	-0.573	-1.1	29.2	-7.8	0.849	0.844	4337	234.71	-8.6	75	104.2
210.00	-0.462	-2.3	29.2	-14.1	0.871	0.856	3905	92.94	-13.9	76	82.1
211.40	-0.265	-2.3	29.2	-4.1	0.864	0.855	3068	19.40	-4.7	74	13.8
212.80	-0.148	-2.2	29.2	-3.8	0.810	0.814	2078	13.28	-9.0	71	13.3
214.20	0.293	-1.6	29.2	-17.8	0.839	0.835	1792	11.71	-13.2	67	12.3
215.60	0.731	-1.1	29.2	0.0	0.590	0.657	1729	11.23	0.0	65	10.6
217.00	-0.893	-1.0	29.2	1.7	0.070	0.115	1743	14.19	-1.2	62	14.3
218.40	-0.558	-1.6	29.2	4.6	0.508	0.470	1995	59.50	-1.9	59	30.8
219.80	-0.141	-1.1	29.2	0.0	0.707	0.683	2064	66.48	0.8	59	64.3
221.20	-0.059	-0.8	29.2	1.1	0.660	0.645	2177	77.34	2.0	59	66.4
222.60	-0.116	-0.8	29.4	3.1	0.688	0.685	2381	82.11	2.3	60	66.2
224.00	-0.199	-0.8	29.5	1.6	0.560	0.560	2312	76.22	-1.6	61	63.5
225.40	-0.289	-2.3	29.5	1.3	0.367	0.511	2209	63.37	-1.1	62	48.1
226.80	-0.173	-5.4	29.5	1.0	0.704	0.684	2066	28.78	0.9	62	34.0
228.20	-0.020	-3.9	29.5	2.3	0.724	0.707	1756	29.24	5.5	61	26.5
229.60	0.148	-2.8	29.5	3.2	0.739	0.720	1623	37.10	3.8	61	52.6
231.00	0.054	-1.6	29.5	2.5	0.715	0.689	1638	57.07	1.2	62	59.9
232.40	0.001	-1.6	29.5	-1.6	0.721	0.688	1660	46.55	-1.8	62	60.9
233.80	-0.013	-3.7	29.5	-2.1	0.684	0.652	1663	34.55	-3.9	62	39.2
235.20	0.054	-5.2	29.5	-1.4	0.565	0.420	1665	21.08	-1.9	63	31.5
236.60	-0.106	-3.9	29.5	0.8	0.562	0.492	1658	18.46	-0.6	62	22.6
238.00	-0.371	-3.0	29.5	-8.9	0.573	0.579	1676	19.22	-14.8	62	13.0
239.40	0.101	-2.9	29.5	-9.2	0.610	0.659	1693	23.47	-6.7	62	25.9
240.80	0.054	-4.7	29.5	2.8	0.623	0.686	1654	27.73	1.4	62	32.5
242.20	-0.011	-4.3	29.5	-7.0	0.657	0.710	1662	23.52	-7.0	62	24.2
243.60	-0.051	-3.9	29.5	-8.2	0.715	0.679	1672	16.91	-7.8	63	20.5
245.00	-0.019	-3.9	29.5	-10.2	0.733	0.667	1683	17.46	-8.3	63	20.4
246.40	0.031	-4.4	29.5	-7.7	0.740	0.648	1680	18.51	-6.2	63	20.4
247.80	0.031	-5.2	29.5	-5.1	0.725	0.619	1675	19.98	-3.9	63	23.1
249.20	0.024	-7.0	29.5	-2.3	0.697	0.536	1670	25.48	-1.2	63	25.4
250.60	0.002	-7.0	29.5	-2.8	0.659	0.480	1664	25.89	-4.7	62	26.3
252.00	-0.164	-7.0	29.5	-1.2	0.605	0.565	1654	26.85	-1.9	62	27.6
253.40	-0.091	-7.0	29.5	3.1	0.556	0.586	1640	27.69	1.9	61	30.2
254.80	0.022	-7.4	29.5	3.6	0.563	0.586	1635	30.17	4.7	61	34.9
256.20	-0.004	-7.7	29.5	3.7	0.669	0.504	1629	35.69	4.1	61	41.7
257.60	0.002	-7.0	29.5	3.1	0.638	0.347	1627	37.75	3.2	61	51.1
259.00	0.016	-4.3	29.5	2.3	0.622	0.140	1629	44.13	7.0	61	70.6
260.40	0.024	-1.2	29.5	2.2	0.734	0.744	1631	62.28	5.9	61	60.3
261.80	0.026	-7.0	29.5	6.2	0.561	0.499	1610	55.64	3.1	61	49.1
263.20	0.012	-4.2	29.5	2.7	0.415	0.158	1774	57.68	5.7	60	73.7
264.60	-0.024	-0.8	29.5	-1.3	0.754	0.764	2095	86.25	3.6	60	78.5
266.00	-0.042	-0.8	29.5	-3.9	0.550	0.535	2074	87.61	-3.9	61	84.4
267.40	-0.031	-0.8	29.5	-3.9	0.391	0.253	2091	88.83	-3.4	62	84.7
268.80	-0.029	-0.8	29.5	-4.1	0.735	0.680	2120	89.14	-3.8	63	84.9
270.20	-0.081	-0.8	29.5	-4.7	0.689	0.443	2146	86.26	-4.0	64	78.9
271.60	-0.144	-0.8	29.5	0.7	0.686	0.414	2157	87.16	0.0	64	62.4
273.00	-0.117	-0.8	29.5	0.8	0.711	0.740	2172	87.80	-1.2	65	75.6
274.40	-0.088	-0.8	29.5	-2.9	0.130	0.343	2193	81.94	-1.1	66	82.7
275.80	-0.038	-0.8	29.5	1.6	0.376	0.313	2674	97.72	3.9	67	83.5
277.20	0.055	-2.7	29.5	-3.9	0.818	0.815	2843	107.69	-3.6	68	50.7
278.60	-0.176	-7.0	29.5	-12.8	0.729	0.775	2223	14.92	-11.6	66	27.1
280.00	-0.337	-5.0	29.5	-17.9	0.734	0.751	1881	13.34	-17.2	65	13.9
281.40	0.035	-5.0	29.5	-12.3	0.738	0.755	1641	12.51	-11.0	62	22.0
282.80	0.020	-7.1	29.5	-3.5	0.699	0.706	1615	19.35	-4.6	60	24.3
284.20	0.007	-7.8	29.5	4.7	0.465	0.666	1582	30.59	0.0	59	30.7
285.60	0.004	-7.2	29.5	3.2	0.186	0.636	1562	39.71	0.0	58	57.3
287.00	0.028	-6.3	29.5	2.4	0.235	0.649	1553	34.99	2.0	58	49.5
288.40	-0.024	-7.8	29.5	9.4	0.216	0.638	1547	37.21	7.0	58	39.3
289.80	-0.219	-8.5	29.5	6.9	0.256	0.625	1541	37.12	0.0	58	43.2
291.20	-0.160	-9.1	29.5	5.7	0.544	0.659	1536	32.00	3.6	58	41.0
292.60	-0.082	-7.0	29.5	10.1	0.631	0.681	1537	33.63	10.9	58	39.2
294.00	0.027	-7.0	29.5	9.4	0.716	0.705	1539	32.97	10.4	58	44.7
295.40	0.079	-7.2	29.5	8.2	0.664	0.654	1541	25.59	8.9	58	38.9
296.80	0.067	-8.6	29.5	6.2	0.623	0.581	1521	37.20	6.2	57	37.8
298.20	-0.062	-5.8	29.5	4.2	0.614	0.529	1525	44.97	7.3	57	73.3
299.60	-0.074	-3.0	29.5	1.5	0.784	0.769	1531	41.92	3.8	57	55.5
301.00	-0.105	-7.8	29.5	-2.3	0.753	0.742	1483	24.89	-4.7	56	31.6
302.40	-0.164	-5.6	29.5	-11.1	0.726	0.713	1448	11.01	-14.6	55	13.8
303.80	0.123	-2.9	29.5	-14.7	0.754	0.784	1383	8.75	-12.8	53	13.4
305.20	-0.176	-1.6	29.5	0.0	0.705	0.767	1249	8.51	0.0	50	12.9
306.60	-1.253	-1.6	29.5	-8.7	0.711	0.789	1200	8.15	-11.0	48	12.6
308.00	-0.873	-1.4	29.5	-16.0	0.895	0.904	1125	7.63	-15.6	43	12.5
309.40	-0.619	-0.8	29.5	-17.2	0.892	0.900	1012	6.91	-15.4	34	12.6
310.80	-0.145	-0.8	29.5	-20.2	0.877	0.883	904	6.21	-13.3	30	13.0
312.20	-0.062	-0.8	29.5	-22.1	0.840	0.835	805	5.73	-18.8	23	13.6
313.60	0.066	-0.8	29.5	-22.7	0.817	0.818	859	8.53	-21.2	16	21.2
315.00	0.220	-3.8	29.5	-2.3	0.736	0.782	1357	26.36	4.7	17	40.8
316.40	0.066	-4.0	29.5	4.5	0.604	0.715	1826	51.67	4.3	20	58.0
317.80	-0.001	-0.8	29.5	1.1	0.799	0.780	2092	48.42	3.1	26	51.9
319.20	-0.082	-3.6	29.5	-8.6	0.804	0.823	1593	29.41	0.0	27	20.0
320.60	-0.125	-3.0	29.5	-17.6	0.811	0.830	1112	8.10	-16.0	27	14.6
322.00	-0.046	-0.8	29.5	-24.5	0.814	0.824	783	5.48	-24.7	23	14.7
323.40	-0.033	-0.8	29.5	-18.0	0.806	0.817	630	4.86	-23.6	13	15.6
324.80	-0.042	-0.8	29.5	-19.7	0.794	0.804	631	6.21	-19.5	10	17.3

354.20	-0.018	-6.2	29.5	-17.5	0.759	0.759	582	4.67	-13.5	0	14.7
355.60	0.020	-6.2	29.5	-19.5	0.760	0.762	608	4.74	-14.1	0	14.9
357.00	-0.004	-6.6	29.5	-19.9	0.761	0.765	601	4.84	-13.6	0	15.0
358.40	-0.004	-7.2	29.5	-19.9	0.764	0.769	589	4.91	-13.1	0	14.7
359.80	-0.002	-9.4	29.5	-17.2	0.761	0.768	613	4.81	-12.5	0	14.5
361.20	0.004	-10.0	29.5	-17.2	0.755	0.765	607	4.73	-11.6	0	15.0
362.60	-0.016	-11.0	29.5	-16.6	0.749	0.759	597	4.62	-10.3	0	14.7
364.00	-0.017	-11.7	29.5	-12.5	0.752	0.760	597	4.67	-8.6	0	14.8
365.40	0.027	-7.1	29.5	-5.6	0.750	0.764	1721	7.67	-4.2	0	18.1
366.80	-0.173	-2.5	29.5	0.5	0.730	0.795	3259	15.98	-6.0	0	13.7
368.20	-0.197	-3.1	29.5	1.4	0.800	0.780	3197	27.66	-10.1	0	9.9
369.60	-0.027	-4.6	29.5	-3.9	0.809	0.689	2635	28.20	-3.9	0	9.1
371.00	0.503	-5.5	29.5	-1.3	0.767	0.505	2443	27.45	-3.9	0	15.7
372.40	0.032	-5.7	29.5	1.0	0.809	0.689	3056	14.87	-3.9	0	13.6
373.80	-0.295	-10.1	29.5	-8.6	0.816	0.792	1904	10.60	-3.9	0	10.7
375.20	-0.020	-11.0	29.5	-5.9	0.822	0.815	1079	5.98	-5.3	0	12.2
376.60	-0.077	-12.5	29.5	-3.0	0.784	0.802	640	4.71	-6.8	0	15.0
378.00	-0.098	-12.5	29.5	-12.5	0.785	0.793	606	4.72	-6.6	0	14.5
379.40	0.023	-12.5	29.5	-12.5	0.784	0.789	588	4.76	-8.1	0	14.6
380.80	0.035	-12.0	29.5	-11.2	0.779	0.779	605	4.63	-6.9	0	14.2
382.20	-0.008	-7.0	29.5	-3.9	0.482	0.774	2279	39.42	-4.7	0	13.2
383.60	-0.164	-6.4	29.5	-2.4	0.198	0.768	2372	57.98	0.2	0	9.1
385.00	-0.225	-6.1	29.5	-1.4	0.829	0.824	2559	12.48	0.2	0	9.5
386.40	-0.211	-13.3	29.5	-4.7	0.821	0.821	1478	8.75	-7.0	0	10.5
387.80	-0.027	-13.3	29.5	-7.2	0.807	0.814	822	5.36	-6.1	0	13.4
389.20	0.098	-12.8	29.5	-9.3	0.784	0.794	574	5.15	-3.9	0	23.2
390.60	0.141	-6.2	29.5	-3.9	0.767	0.785	3567	10.72	0.0	0	34.5
392.00	-0.016	-6.6	29.5	-4.3	0.754	0.773	2894	14.29	-5.0	0	10.3
393.40	-0.064	-8.0	29.5	-5.7	0.814	0.819	1660	8.35	-7.8	0	10.4
394.80	-0.045	-13.3	29.5	-9.4	0.804	0.813	709	6.01	-7.4	0	11.1
396.20	0.042	-13.3	29.5	-6.4	0.792	0.802	656	4.51	-2.3	0	13.0
397.60	-0.039	-11.9	29.5	-3.9	0.785	0.790	874	5.89	-2.0	0	13.2
399.00	-0.128	-7.8	29.5	-2.3	0.307	0.546	2141	61.66	-1.6	0	11.8
400.40	-0.215	-6.3	29.5	-2.3	0.323	0.511	2396	41.72	-1.6	0	8.6
401.80	-0.086	-7.9	29.5	-5.4	0.785	0.820	2223	12.44	-3.6	0	10.7
403.20	-0.041	-13.3	29.5	-10.2	0.794	0.817	988	5.33	-5.6	0	11.4
404.60	0.007	-13.3	29.5	-10.1	0.788	0.809	752	5.05	-6.2	0	13.0
406.00	0.019	-13.3	29.5	-9.2	0.775	0.794	590	4.74	-5.5	0	14.2
407.40	0.022	-13.3	29.5	-7.8	0.769	0.790	612	4.71	-4.6	0	14.0
408.80	0.022	-13.3	29.5	-7.8	0.764	0.783	610	4.62	-3.9	0	13.7
410.20	-0.066	-13.4	29.5	-8.0	0.760	0.774	606	4.61	-4.2	0	13.9
411.60	-0.025	-14.1	29.5	-8.6	0.760	0.772	586	4.38	-4.5	0	14.0
413.00	0.050	-14.5	29.5	-4.4	0.759	0.769	595	4.30	0.8	0	13.4
414.40	-0.008	-14.8	29.5	-1.8	0.755	0.765	607	4.38	0.8	0	13.3
415.80	-0.023	-14.8	29.5	-2.4	0.752	0.759	612	4.74	0.3	0	13.4
417.20	-0.034	-15.3	29.5	-4.7	0.750	0.754	601	4.52	-2.3	0	13.7
418.60	0.047	-15.6	29.5	-4.7	0.750	0.750	590	4.28	-2.3	0	13.7
420.00	0.047		29.5		0.750	0.750					13.7

Calculated Engine Load Value (%)	Long Term Fuel Trim Bank 1 (%)	Wide Range O2S: Bank 2 - Sensor 1 - Current (mA)
87.2	-2.2	-0.109
93.7	-1.7	-0.099
90.1	-1.6	-0.008
90.7	-1.6	-0.078
96.8	-1.6	-0.155
90.3	-1.6	-0.054
86.3	-1.7	-0.017
85.5	-2.3	0.031
83.8	-2.3	0.067
83.0	-2.3	0.011
83.5	-2.3	-0.089
82.5	-2.3	-0.022
83.2	-2.3	-0.048
86.2	-2.3	-0.087
82.3	-2.7	0.043
82.6	-3.0	0.049
89.4	-2.3	0.037
79.9	-3.5	-0.094
72.2	-4.7	-0.025
66.7	-4.7	0.053
51.1	-3.2	-0.075
59.5	-1.4	-0.060
100.0	-0.8	-0.061
95.2	-0.8	-0.202
94.9	-0.8	-0.141
100.0	-0.8	-0.067
97.6	-0.8	-0.024
69.5	-1.2	-0.225
28.7	-2.3	-0.312
21.1	-1.3	-0.105
20.6	-0.8	-0.659
20.0	-0.8	-0.743
17.3	-0.8	-0.285
61.3	-0.8	1.019
99.0	-0.8	0.663
95.7	-0.8	0.043
81.0	-1.6	0.046
70.7	-2.9	-0.087
68.4	-4.7	-0.209
88.2	-3.7	-0.203
87.7	-2.9	-0.062
84.1	-2.4	-0.065
70.3	-4.7	-0.258
76.3	-4.1	-0.168
75.3	-3.2	-0.077
46.5	-3.9	0.016
51.9	-3.9	-0.055
61.2	-3.9	-0.103
78.1	-3.9	-0.129
67.5	-4.3	-0.179
62.0	-4.7	-0.159
63.5	-4.7	-0.100
76.5	-3.8	0.116
82.4	-3.3	0.070
82.3	-3.9	-0.026
74.9	-4.4	-0.187
75.6	-4.7	-0.036
75.1	-4.7	-0.038
72.6	-4.7	-0.105
84.7	-3.9	0.030
82.7	-3.5	0.058
72.7	-4.5	0.032
91.3	-1.6	-0.105
95.3	-1.6	-0.137
91.6	-1.6	-0.135
31.6	-1.6	-0.082
96.0	-2.3	0.010
46.3	-3.9	0.050
82.0	-3.9	-0.020
62.1	-3.9	0.002
53.0	-3.8	0.055
81.6	-3.1	0.112
56.5	-2.8	-0.253
33.5	-2.1	-0.242
20.8	-0.8	-0.182
39.7	-1.6	0.202
42.6	-2.2	0.118
26.7	-1.6	0.034
52.6	-3.2	0.132
77.1	-4.0	0.092
100.0	-0.8	0.030
100.0	-0.8	-0.047
100.0	-0.8	-0.009
99.3	-0.8	-0.015
87.0	-0.8	-0.172
61.2	-1.0	-0.084
20.7	-1.6	-0.037
19.0	-1.1	-0.156
17.3	-0.8	1.270
15.6	-0.8	2.116
15.4	-0.8	2.197
15.3	-0.8	2.409
15.3	-0.8	2.437
15.4	-0.8	2.465
15.5	-0.8	2.449
15.7	-0.8	2.334
18.9	-0.8	1.781
82.7	-1.7	-0.035
82.7	-2.3	0.006
83.5	-2.4	-0.017
87.4	-3.9	-0.117
87.2	-3.9	-0.001
86.2	-3.9	0.070
83.1	-3.9	0.088
82.4	-3.5	-0.067
81.4	-3.1	0.035
80.0	-3.1	0.148
82.4	-3.1	-0.113
84.0	-3.1	-0.085
84.9	-3.1	-0.057
91.7	-2.7	-0.051
91.9	-2.1	0.012
90.7	-1.6	0.054
80.0	-3.1	0.027
90.5	-2.4	-0.090
98.5	-1.6	-0.099
100.0	-2.3	-0.103
88.7	-3.0	0.062
85.1	-3.7	-0.009
92.2	-1.6	-0.110
91.0	-2.0	-0.117
83.9	-2.5	-0.086
79.5	-3.1	-0.017
99.9	-1.9	0.171

100.0	-0.8	0.058
100.0	-0.8	-0.051
100.0	-0.8	-0.031
63.4	-1.5	-0.241
23.2	-2.9	-0.314
22.0	-0.8	-0.168
19.0	-0.8	0.315
16.5	-0.8	1.093
15.3	-0.8	2.384
15.5	-0.8	2.393
37.0	-1.2	1.194
81.6	-3.1	-0.192
66.1	-3.5	0.011
64.1	-3.9	-0.020
75.7	-3.9	-0.041
60.1	-3.9	0.031
71.4	-3.7	0.056
88.1	-3.1	0.036
100.0	-1.6	-0.066
95.4	-0.8	-0.120
92.0	-0.8	-0.086
100.0	-0.8	0.074
100.0	-0.8	-0.010
99.9	-0.8	-0.117
99.2	-0.8	-0.254
84.5	-0.8	-0.460
62.4	-0.8	-0.493
23.2	-2.3	-0.285
21.4	-1.8	-0.285
18.8	-0.8	0.247
15.7	-0.8	1.271
39.3	-1.8	-0.955
65.2	-2.9	-0.612
92.1	-0.8	-0.069
94.7	-0.8	-0.121
94.7	-0.8	-0.098
89.4	-0.8	-0.084
75.3	-2.2	-0.371
57.9	-3.6	-0.245
43.1	-2.3	-0.059
100.0	-1.8	0.156
96.1	-1.6	0.004
88.7	-1.7	-0.062
73.7	-4.7	0.023
59.1	-4.1	-0.036
39.9	-3.1	-0.172
19.7	-0.8	-0.418
50.8	-2.0	-0.149
72.2	-3.8	0.000
42.4	-3.1	0.003
39.3	-3.1	-0.051
36.9	-3.2	-0.063
36.9	-3.9	-0.090
46.1	-4.5	-0.074
54.0	-5.5	-0.093
49.8	-6.2	-0.148
55.6	-6.5	-0.136
63.2	-7.0	-0.116
73.0	-7.0	-0.086
82.0	-6.5	-0.107
93.1	-5.5	-0.096
100.0	-2.9	-0.012
96.1	-1.6	0.052
89.7	-5.5	0.080
100.0	-2.8	-0.090
100.0	-0.8	-0.061
100.0	-0.8	-0.041
100.0	-0.8	-0.063
100.0	-0.8	-0.013
96.5	-0.8	-0.020
83.1	-0.8	-0.093
93.1	-0.8	0.008
100.0	-0.8	-0.030
100.0	-0.8	-0.081
73.1	-4.0	-0.020
45.6	-7.3	-0.143
21.6	-3.9	-0.267
37.7	-5.1	0.160
51.1	-6.4	0.067
60.4	-7.0	-0.029
83.9	-5.8	0.027
81.0	-5.1	0.045
75.2	-7.0	-0.015
67.1	-7.5	-0.351
73.1	-7.4	-0.188
83.1	-6.2	-0.040
92.5	-5.3	-0.043
79.8	-5.3	-0.053
61.4	-7.0	-0.064
100.0	-3.4	-0.070
85.4	-2.3	-0.060
60.0	-7.0	-0.104
18.9	-4.7	-0.312
19.0	-2.7	0.012
19.2	-1.6	-0.027
19.3	-1.6	-1.144
19.2	-1.3	-0.960
19.2	-0.8	-0.625
19.3	-0.8	-0.063
19.8	-0.8	-0.026
33.3	-1.1	0.092
85.1	-5.5	0.283
92.6	-3.4	0.082
79.4	-1.3	-0.044
90.2	-4.7	-0.230
24.2	-2.4	-0.176
21.4	-0.8	-0.065
22.7	-0.8	-0.028
28.3	-0.8	-0.076
33.0	-0.8	0.094
35.3	-0.8	0.035
35.0	-0.8	-0.015
30.7	-0.8	0.004
30.6	-1.0	-0.210
30.0	-1.6	-0.289
25.2	-1.6	-0.043
24.2	-1.6	-0.048
23.4	-1.6	-0.060
23.2	-1.6	-0.071
23.4	-1.6	0.004
23.1	-1.7	-0.037
22.0	-2.3	-0.096
22.0	-3.7	-0.012
22.0	-5.6	-0.023
22.7	-7.8	-0.036
22.4	-7.8	0.057
22.4	-8.3	0.058
22.4	-9.4	0.052
22.6	-10.6	-0.035

22.7	-11.9	-0.020
22.7	-12.5	-0.016
22.5	-12.9	-0.090
22.5	-13.6	-0.041
22.7	-14.8	0.002
22.5	-15.3	-0.051
22.5	-15.8	-0.013
24.3	-16.4	0.023
100.0	-10.0	0.000
58.2	-6.2	-0.167
15.8	-6.1	-0.134
16.1	-4.7	0.029
19.8	-5.1	-0.909
19.8	-6.3	-0.620
15.4	-10.1	-0.263
20.5	-13.7	-0.082
21.1	-17.2	-0.079
22.8	-17.2	-0.062
22.7	-17.2	0.027
23.0	-17.2	0.033
23.4	-17.2	-0.027
14.2	-10.4	-0.332
14.7	-6.8	-0.192
15.8	-14.8	-0.053
21.7	-16.1	-0.066
38.2	-15.1	0.085
65.8	-7.0	0.175
15.8	-5.7	-0.195
16.0	-8.2	-0.011
17.1	-17.2	0.108
21.6	-17.2	0.008
21.8	-16.9	0.008
20.0	-15.1	-0.129
14.1	-4.7	-0.332
15.3	-9.0	-0.117
17.4	-14.4	-0.082
20.8	-17.2	-0.037
23.3	-17.2	-0.051
23.0	-17.2	-0.034
22.4	-17.2	0.004
22.4	-17.2	-0.003
22.4	-17.2	0.006
23.2	-17.7	0.043
22.9	-18.0	0.025
22.7	-18.0	-0.032
22.8	-17.9	-0.116
22.7	-18.0	0.047
		0.047