

Frame Number	Frame Time (h:m:s.ms)	SAE.LONGFT1 %	SAE.MAP kPa	SAE.RPM rpm	SAE.SPARKADV B°	SAE.TP %	SAE.FRP_C kPa	SAE.WO2S11_ B.LAMBDA lambda	SAE.LOAD_AB S %	MAZDA.ENGIN E.MAF_V Volts	MAZDA.ENGINE .BAT B°C	MAZDA.ENGINE. KNOCK_RET B°	CALC.AFR_CO MMANDED :1	CALC.AFR_ACT UAL :1
Frame Number	Frame Time (h:m:s.ms)	Long Term Fuel Trim - Bank 1	Intake Manifold Absolute Pressure	Engine RPM	Ignition Timing Advance for #1 Cylinder	Absolute Throttle Position	Fuel Rail Pressure	Oxygen Sensor (Wideband) Bank 1 - Sensor 1	Absolute Load Value	Mass Airflow	Boost Air Temperature Sensor	Knocking Retard	Commanded air/fuel ratio	Air/fuel ratio calculated from the actual lambda value
0	0:0:0.075	-3.1	133	1624	-5.5	32.9	11530	1.009	122.0	2790	36	0.00	14.69	14.77
1	0:0:0.694	-3.1	142	1650	-7.0	34.5	11200	0.987	129.4	2790	36	0.00	14.66	14.45
2	0:0:1.248	-3.1	151	1654	-9.0	40.0	11530	0.977	142.4	2890	36	0.00	14.62	14.30
3	0:0:1.838	-3.1	160	1657	-10.0	57.3	11720	1.000	154.1	3040	36	0.00	14.52	14.64
4	0:0:2.393	-3.1	179	2049	-9.5	87.5	11220	0.908	181.2	3445	35	0.00	13.54	13.29
5	0:0:2.949	0.0	208	2351	-6.0	87.5	11070	0.928	171.0	3995	34	0.53	12.87	13.59
6	0:0:3.519	0.0	209	4199	2.0	87.5	11390	0.798	178.4	4295	34	0.00	11.47	11.69
7	0:0:4.073	0.0	201	4656	7.0	87.5	11410	0.748	163.9	4325	34	0.00	10.98	10.95
8	0:0:4.609	0.0	199	5003	8.5	87.5	11990	0.748	157.3	4350	34	0.00	10.96	10.96
9	0:0:5.159	0.0	194	5357	10.5	87.5	11320	0.755	147.8	4350	36	0.00	10.96	11.05
10	0:0:5.753	0.0	194	5357	10.5	87.5	11320	0.755	147.8	4350	36	0.00	10.96	11.05
11	0:0:5.815	0.0	187	5716	12.0	87.5	11700	0.754	141.6	4375	37	0.00	10.96	11.04
12	0:0:6.372	0.0	183	5981	13.5	87.5	11530	0.744	134.5	4365	39	0.00	10.96	10.89
13	0:0:6.902	0.0	183	6034	-7.5	87.5	11650	0.661	172.9	4375	40	0.91	9.79	9.68
14	0:0:7.516	0.0	212	4470	5.5	87.5	11720	0.736	164.7	4200	43	0.56	10.83	10.78
15	0:0:8.012	0.0	192	4607	7.5	87.5	11670	0.749	160.0	4235	44	0.21	10.93	10.96
16	0:0:8.524	0.0	201	4747	7.5	87.5	11650	0.746	162.7	4320	47	0.00	10.97	10.93
17	0:0:9.137	0.0	204	4938	8.0	87.5	11900	0.746	158.0	4320	49	0.40	10.96	10.92
18	0:0:9.751	0.0	204	5061	8.5	87.5	11720	0.729	156.5	4345	51	1.33	10.46	10.67
19	0:0:10.305	0.0	203	5180	8.0	87.5	11670	0.712	152.9	4340	53	0.98	10.50	10.42
20	0:0:10.900	0.0	201	5289	9.0	21.2	11610	0.780	9.4	1280	55	0.00	14.75	11.42
21	0:0:11.454	0.0	201	5289	9.0	21.2	11610	0.780	9.4	1280	55	0.00	14.75	11.42
22	0:0:11.519	-7.0	21	3568	48.0	15.7	10260	2.000	8.2	1535	54	0.00	14.75	29.28
23	0:0:12.109	-7.0	18	3045	44.0	14.5	10470	2.000	7.1	1335	54	0.00	14.76	29.28
24	0:0:12.663	-10.2	16	2409	42.5	13.7	10640	2.000	7.1	1310	54	0.00	14.75	29.28
25	0:0:13.261	-10.2	16	2264	42.0	13.7	10790	2.000	7.1	1320	53	0.00	14.75	29.28
26	0:0:13.873	-10.2	18	2094	10.0	14.1	10930	2.000	8.2	1325	53	0.00	14.75	29.28
27	0:0:14.468	-10.2	17	1911	0.0	14.1	11050	2.000	9.0	1345	53	0.00	14.74	29.28
28	0:0:15.025	-10.2	19	1710	0.0	14.1	11170	2.000	10.2	1340	52	0.00	14.74	29.28