

Knock Retard(°)	Fuel Rail Pressure(kpa)	Intake Manifold Pressure(kpa)	Relative Throttle Position(%)	Commanded Equivalence Ratio(lambda)	Air Fuel Ratio(Commanded)(:1)	Air Fuel Ratio(Measured)(:1)	Torque (Nm)	Engine Load (%)	Engine Load(Absolute)(%)	Engine RPM(rpm)	Mass Air Flow Rate(g/s)	Timing Advance(°)	Speed (GPS)(km/h)	Fuel Trim Bank 1 Short Term(%)	Accelerator PedalPosition D(%)	Accelerator PedalPosition E(%)
0	3360	22	16.86	1.01	14.78	14.07	-	9.8	61.96	2037	6.06	51	85.55	-3.12	37.65	25.88
0	3360	42	16.86	1.01	14.78	14.07	-	9.8	61.96	2059.25	12.55	51	83.82	-3.12	37.65	25.88
0	3360	42	16.86	1.01	14.78	14.07	-	15.29	61.96	2059.25	12.55	40.5	83.82	2.34	37.65	25.88
0	5270	42	74.9	1	14.75	14.54	-	15.29	61.96	2059.25	12.55	40.5	83.75	2.34	37.65	25.88
0	5270	42	74.9	1	14.75	14.54	-	15.29	101.96	2059.25	12.55	40.5	83.75	2.34	78.04	67.06
0	5270	177	74.9	1	14.75	14.54	-	15.29	101.96	3949.5	178.32	40.5	83.86	2.34	78.04	67.06
0	11220	177	74.9	1	14.75	14.54	-	80.39	101.96	3949.5	178.32	0.5	83.86	0	78.04	67.06
0	11220	177	75.69	0.8	11.73	12.12	-	80.39	101.96	3949.5	178.32	0.5	84.5	0	78.04	67.06
0	11220	177	75.69	0.8	11.73	12.12	-	80.39	179.61	3949.5	178.32	0.5	84.5	0	78.04	67.06
0	11220	178	75.69	0.8	11.73	12.12	-	80.39	179.61	4551	191.87	0.5	88.06	0	78.04	67.06
0	11170	178	75.69	0.8	11.73	12.12	159.4	76.08	179.61	4551	191.87	7	88.06	0	78.04	67.06
0	11170	178	75.69	0.73	10.78	10.62	159.4	76.08	179.61	4551	191.87	7	90.66	0	78.04	67.06
0.1	11170	178	75.69	0.73	10.78	10.62	159.4	76.08	170.59	4551	191.87	7	90.66	0	78.04	67.06
0.1	11170	179	75.69	0.73	10.78	10.62	159.4	76.08	170.59	5060.75	207.38	7	94.46	0	78.04	67.06
0.1	11850	179	75.69	0.73	10.78	10.62	159.88	73.73	170.59	5060.75	207.38	9	94.46	0	78.04	67.06

0.1	11850	179	75.69	0.73	10.69	10.93	159.88	73.7 3	170.59	5060. 75	207. 38	9	98.76	0	78.04	67.06
0	11850	179	75.69	0.73	10.69	10.93	159.88	73.7 3	166.27	5060. 75	207. 38	9	98.76	0	78.04	67.06
0	11850	182	75.69	0.73	10.69	10.93	128.44	73.7 3	166.27	5527	222. 25	9	103.64	0	78.04	67.06
0	11670	182	75.69	0.73	10.69	10.93	128.44	71.7 6	166.27	5527	222. 25	10	103.64	0	78.04	67.06
0	11670	182	75.69	0.73	10.66	10.76	128.44	71.7 6	166.27	5527	222. 25	10	109.18	0	74.51	61.96
0	11670	182	75.69	0.73	10.66	10.76	128.44	71.7 6	161.18	5527	222. 25	10	109.18	0	74.51	61.96
0	11670	19	75.69	0.73	10.66	10.76	87.93	3.92	161.18	3981	8.26	10	117.34	0	74.51	61.96
0	11220	19	75.69	0.73	10.66	10.76	87.93	3.92	161.18	3981	8.26	33	117.34	0	74.51	61.96
0	11220	19	4.31	1.01	14.82	29.4	87.93	3.92	161.18	3981	8.26	33	120.86	0	31.37	20.78
0	11220	19	4.31	1.01	14.82	29.4	87.93	3.92	7.06	3981	8.26	33	120.86	0	31.37	20.78
0	11220	15	4.31	1.01	14.82	29.4	87.93	3.14	7.06	3981	3.97	33	118.32	0	31.37	20.78
0	12210	15	4.31	1.01	14.82	29.4	87.93	3.14	7.06	3981	3.97	42	118.32	0	31.37	20.78
0	3530	37	3.14	1	14.76	14.76	-	27.8 4	22.75	630.2 5	3.21	9.5	0	-1.56	31.37	20.39
0	3530	37	3.14	1	14.76	14.76	-	27.8 4	22.75	625.7 5	3.21	9.5	0	-1.56	31.37	20.39
0	3790	37	3.14	1	14.76	14.76	-	27.8 4	22.75	625.7 5	3.21	17.5	0	-0.78	31.37	20.39
0	3790	37	16.47	1	14.75	14.89	-	27.8 4	22.75	625.7 5	3.21	17.5	0	-0.78	40	28.63
0	3790	37	16.47	1	14.75	14.89	-	27.8 4	73.73	625.7 5	3.21	17.5	0	-0.78	40	28.63
0	3790	104	16.47	1	14.75	14.89	-	27.8 4	73.73	2040. 25	38.0 2	17.5	0	-0.78	40	28.63
0	11440	104	16.47	1	14.75	14.89	-	27.8 4	73.73	2040. 25	38.0 2	10	0.62	5.47	40	28.63
0	11440	104	20	1.01	14.8	14.69	-	27.8 4	73.73	2040. 25	38.0 2	10	0.62	5.47	39.22	28.63
0	11440	104	20	1.01	14.8	14.69	-	27.8 4	89.8	2040. 25	38.0 2	10	0	5.47	39.22	28.63
0	11440	33	20	1.01	14.8	14.69	-	27.8	89.8	1469.	6.51	10	0	5.47	39.22	28.63

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0	9320	33	20	1.01	14.8	14.69	-	8.63	89.8	1469.75	6.51	23.5	15.8	21.88	39.22	28.63
0	9320	33	3.92	0.99	14.63	17.65	-	8.63	89.8	1469.75	6.51	23.5	15.8	21.88	31.37	20.78
0	9320	33	3.92	0.99	14.63	17.65	-	8.63	15.69	1469.75	6.51	23.5	17.77	21.88	31.37	20.78
0	9320	26	3.92	0.99	14.63	17.65	-	8.63	15.69	1005.25	3.34	23.5	17.77	21.88	31.37	20.78
0	6490	26	3.92	0.99	14.63	17.65	-	8.63	15.69	1005.25	3.34	10	17.79	18.75	31.37	20.78
0	6490	26	3.14	1	14.68	14.1	-	8.63	15.69	1005.25	3.34	10	17.79	18.75	31.37	23.14
0	6490	26	3.14	1	14.68	14.1	-	8.63	21.96	1005.25	3.34	10	16.83	18.75	31.37	23.14
0	6490	44	3.14	1	14.68	14.1	-	8.63	21.96	1116	6.99	10	16.83	18.75	31.37	23.14
0	7430	44	3.14	1	14.68	13.91	-	8.63	21.96	1116	6.99	23.5	17.49	4.69	31.37	23.14
0	7430	44	8.24	1.01	14.87	13.91	-	8.63	38.04	1116	6.99	23.5	17.49	4.69	34.51	23.92
0	7430	44	8.24	1.01	14.87	13.91	-	8.63	38.04	1116	6.99	23.5	18.75	4.69	34.51	23.92
0	7430	52	8.24	1.01	14.87	13.91	8.44	40.78	38.04	1274.5	9.91	23.5	18.75	4.69	34.51	23.92
0	9070	52	8.24	1.01	14.87	13.91	8.44	40.78	38.04	1274.5	9.91	29.5	20.49	0.78	34.51	23.92