

Time	Battery voltage	Vehicle speed	Engine speed	Inj. correction Cyl. 1	Inj. correction Cyl. 2	Inj. correction Cyl. 3	Inj. correction Cyl. 4	Total fuel quantity	Desired fuel quantity	Injection advance (pre)	Injection advance (MAIN)	Injection advance (post)	Injection time (pre)	Injection time (MAIN)	Injection time (post)	Intake air quantity	Desired intake air quantity	Intake air quantity signal	Air temperature (MAF)	EGR valve opening	EGR control
sec	V	km/h	rpm	mm³/i	mm³/i	mm³/i	mm³/i	mm³/i	mm³/i	deg.	deg.	deg.	ms	ms	ms	mg/i	mg/i	ms	°C	%	
0	13.607	36	1987	0.09	0.2	0.06	-0.36	0	0	0	1.552	0	0	0	0	829.5	397.5	0.279	19.76	0	OFF
3.14	13.607	32.4	1702	0.09	0.2	0.06	-0.36	0	0	0	-0.016	0	0	0	0	826	345.5	0.365	19.26	79.96	ON
6.27	13.509	26.1	1360	0.09	0.2	0.06	-0.36	0	0	0	-0.016	0	0	0	0	324	312.5	0.42	16.36	79.96	ON
9.35	13.411	19.1	991	0.09	0.2	0.06	-0.36	1.467	0.381	1.744	-0.016	0	0.288	0.414	0	290	254.5	0.436	16.86	79.96	ON
12.46	13.431	15.3	863	0.1	0.19	0.08	-0.38	5.004	7.836	0.288	-0.016	0	0.44	0.572	0	298.5	259.5	0.446	17.26	79.96	ON
15.59	13.489	10.5	803	0.17	0.11	0.07	-0.37	7.557	6.993	0.368	-0.016	0	0.412	0.589	0	288.5	257.5	0.443	17.76	79.96	ON
18.69	13.45	9.8	799	0.24	0.12	0.01	-0.38	7.656	6.933	0.368	-0.016	0	0.423	0.575	0	299	259.5	0.446	18.26	79.96	ON
21.78	13.333	5.6	801	0.27	0.11	-0.02	-0.36	7.938	7.998	0.384	-0.016	0	0.43	0.648	0	297.5	258.5	0.443	18.26	79.96	ON
24.91	13.411	0	801	0.24	0.12	-0.06	-0.3	7.938	8.1	0.384	-0.016	0	0.4	0.588	0	288	257.5	0.441	18.76	79.96	ON
28.01	13.411	0	802	0.26	0.12	-0.1	-0.29	7.938	8.118	0.336	-0.016	0	0.398	0.595	0	291	258	0.452	18.76	79.96	ON
31.12	13.392	0	799	0.27	0.11	-0.1	-0.27	8.058	7.416	0.368	-0.016	0	0.417	0.634	0	294	258	0.449	18.76	79.96	ON
34.23	13.431	0	799	0.29	0.14	-0.09	-0.35	7.959	7.818	0.336	-0.016	0	0.415	0.644	0	292	258	0.443	19.26	79.96	ON
37.32	13.392	0	797	0.34	0.12	-0.06	-0.4	8.037	8.34	0.336	-0.016	0	0.393	0.575	0	295.5	257.5	0.45	19.26	79.96	ON
40.47	13.45	0	796	0.34	0.09	-0.05	-0.35	7.998	7.536	0.32	-0.016	0	0.417	0.57	0	298.5	257	0.447	18.76	79.96	ON
43.54	13.45	0	802	0.29	0.08	-0.04	-0.33	15.657	16.863	-0.016	-0.016	0	0.407	0.986	0	497	628.5	0.414	21.16	79.96	ON
46.67	13.665	7.5	1421	0.19	0.21	-0.06	-0.34	36.843	36.579	5.936	-0.016	0	0.203	0.32	0	889.5	381.5	0.296	24.16	0	OFF
49.77	13.763	18.4	1762	0.21	0.22	-0.05	-0.38	36.561	37.164	4.88	-0.016	0	0.229	0.291	0	883	393.5	0.278	21.66	79.96	ON
52.89	13.646	26	1513	0.13	0.23	-0.03	-0.3	43.113	44.541	-0.016	-0.016	0	0.286	0.898	0	862.5	811	0.303	20.76	79.96	ON
55.99	13.626	33.8	1856	0.09	0.25	-0.02	-0.32	17.625	18.15	4.8	-0.016	0	0.318	0.493	0	486	401	0.269	18.26	0	OFF
59.14	13.685	35.3	1872	0.09	0.25	-0.02	-0.32	0	0	0	-0.016	0	0	0	0	821.5	378.5	0.296	20.26	0	OFF
62.26	13.607	30.3	1553	0.09	0.25	-0.02	-0.32	0	0	0	-0.016	0	0	0	0	307.5	316.5	0.425	17.76	79.96	ON
65.38	13.411	19.3	971	0.09	0.25	-0.02	-0.31	4.281	7.434	0.112	-0.016	0	0.434	0.578	0	296	259	0.45	16.76	79.96	ON
68.5	13.431	11.5	798	0.17	0.2	-0.01	-0.37	7.434	8.139	0.272	-0.016	0	0.418	0.554	0	273	259.5	0.447	17.76	79.96	ON
71.58	13.431	10	801	0.23	0.17	-0.03	-0.36	8.1	8.118	0.256	-0.016	0	0.399	0.708	0	815	705	0.341	18.76	0	OFF
74.72	13.568	14.2	1363	0.23	0.17	0.02	-0.44	29.787	32.097	1.328	-0.016	0	0.299	0.763	0	758	711.5	0.293	22.16	79.96	ON
77.85	13.45	24.7	2182	0.21	0.18	0.05	-0.44	0	0	0	-0.016	0	0.334	0.334	0	811.5	960	0.275	19.26	0	OFF
80.92	13.607	30.1	1710	0.17	0.18	0.04	-0.39	53.664	53.826	4.32	-0.016	0	0.241	0.893	0	962	965.5	0.249	21.66	79.96	ON
84.08	13.763	41.9	1985	0.17	0.18	0.04	-0.39	18.39	23.154	1.04	-0.016	0	0.239	1.01	0	1124.5	887.5	0.28	20.26	79.96	ON
87.23	13.646	46.4	1811	0.13	0.16	0.05	-0.36	45.966	45.645	3.152	-0.016	0	0.239	0.851	0	744.5	763.5	0.28	19.76	79.96	ON
90.38	13.568	52	1999	0.13	0.16	0.05	-0.36	18.972	18.792	5.6	-0.016	0	0.32	0.546	0	508	530.5	0.316	18.76	78.47	ON
93.5	13.665	53.3	2072	0.13	0.16	0.05	-0.36	0	0	0	-0.016	0	0.375	0.293	0	664	561.5	0.299	18.26	79.96	ON
96.59	13.646	53.4	1544	0.09	0.21	0.02	-0.33	32.058	32.46	-0.016	-0.016	0	0.313	0.763	0	710.5	698	0.315	19.76	79.96	ON
99.72	13.744	55.8	1605	0.02	0.21	0.1	-0.31	6.492	5.184	0	-0.016	0	0	0	0	802	354	0.309	19.76	0	OFF
102.82	13.685	53.4	1530	-0.01	0.2	0.12	-0.31	0	0	1.248	0.08	0	0	0.284	0	829	901	0.281	19.26	0	OFF
105.92	13.568	48.7	1804	-0.02	0.17	0.15	-0.29	0	0	0	-0.016	0	0	0	0	842	491.5	0.296	19.26	0	OFF
109.03	13.724	40.1	2111	-0.02	0.17	0.15	-0.3	0	0	0	0.64	0	0	0	0	824	362	0.296	19.26	79.96	ON
112.1	13.489	25.4	1250	-0.02	0.17	0.15	-0.3	2.712	4.281	0.336	-0.016	0	0.446	0.601	0	304	265	0.446	14.86	79.96	ON
115.18	13.392	12.8	814	0.03	0.15	0.1	-0.3	7.716	7.917	0.208	-0.016	0	0.412	0.569	0	272	257.5	0.457	16.36	0	ON
118.3	13.509	12	874	0.19	0.1	0.11	-0.38	17.205	20.601	-0.016	-0.016	0	0.301	0.804	0	689.5	746.5	0.318	19.76	79.96	ON

121.4	13.685	19	1719	0.15	0.14	0.06	-0.36	22.35	21.525	4.688	-0.016	0	0.317	0.51	0	465	428.5	0.284	20.76	0	OFF
124.5	13.646	22.7	1911	0.15	0.14	0.06	-0.36	0	0	0	-0.016	0	0	0	0	347	335	0.392	19.76	79.96	ON
127.64	13.431	13.8	1141	0.15	0.14	0.06	-0.36	0.381	0.099	2.24	-0.016	0	0	0	0	303	266	0.441	16.36	79.96	ON
130.72	13.529	10.2	948	0.09	0.2	0.02	-0.33	27.615	27.876	-0.016	-0.016	0	0.309	0.656	0	389.5	434	0.39	19.26	79.96	ON
133.87	13.646	14.4	1244	0.04	0.33	-0.03	-0.33	0	4.944	0.336	-0.016	0	0.475	0.597	0	291	262.5	0.451	17.26	79.96	ON
137.04	13.646	12	804	-0.02	0.37	-0.02	-0.33	7.314	7.113	0.176	-0.016	0	0.41	0.509	0	274.5	255.5	0.457	18.26	79.96	ON
140.11	13.45	0.1	800	0.03	0.3	0	-0.34	7.737	7.998	0.16	-0.016	0	0.391	0.571	0	275.5	401	0.454	18.26	79.96	ON
143.26	13.314	0	1163	0.06	0.32	-0.02	-0.36	17.586	18.57	-0.016	-0.016	0	0.393	0.822	0	517.5	390	0.417	20.26	79.96	ON
146.39	13.372	7.2	1143	0.03	0.35	-0.03	-0.34	0	2.49	1.584	-0.016	0	0.457	0.551	0	293.5	265	0.456	18.26	79.96	ON
149.48	13.235	5.3	820	-0.03	0.39	-0.04	-0.3	7.716	8.037	0.08	-0.016	0	0.436	0.558	0	271	255.5	0.454	18.76	79.96	ON
152.59	13.177	0	804	0	0.32	0	-0.31	7.737	8.301	0.16	-0.016	0	0.415	0.536	0	272.5	259	0.455	18.76	79.96	ON
155.68	13.489	0	805	0	0.27	0.02	-0.28	7.836	7.314	0.128	-0.016	0	0.418	0.569	0	273.5	256.5	0.453	18.76	79.96	ON
158.81	13.489	0	797	0.01	0.26	0.01	-0.3	7.836	7.416	0.16	-0.016	0	0.422	0.615	0	272.5	255.5	0.446	19.26	79.96	ON
161.95	13.529	0	799	0.05	0.25	0	-0.31	7.899	7.899	0.16	-0.016	0	0.429	0.568	0	273.5	255	0.453	19.26	79.96	ON
165.03	13.548	0	800	0.05	0.27	0	-0.33	7.776	8.079	0.128	-0.016	0	0.432	0.569	0	272	255	0.453	19.26	79.96	ON
168.12	13.548	0	801	0.06	0.28	0	-0.36	7.758	8.361	0.16	-0.016	0	0.417	0.534	0	274.5	255	0.454	19.26	79.96	ON
171.19	13.489	0	801	0.09	0.28	-0.02	-0.34	7.797	7.635	0.176	-0.016	0	0.425	0.555	0	274.5	255	0.456	19.76	79.96	ON
174.37	13.548	0	803	0.11	0.29	-0.02	-0.37	7.776	8.34	0.16	-0.016	0	0.397	0.547	0	279	255.5	0.456	19.76	79.96	ON
177.47	13.392	0	796	0.14	0.3	-0.04	-0.4	7.776	8.019	0.128	-0.016	0	0.394	0.545	0	274	255.5	0.451	19.76	79.96	ON
180.61	13.411	0	800	0.15	0.3	-0.04	-0.4	7.818	8.481	0.128	-0.016	0	0.419	0.554	0	279.5	256	0.45	19.76	79.96	ON
183.69	13.568	0	802	0.15	0.28	-0.02	-0.41	7.836	7.095	0.16	-0.016	0	0.425	0.539	0	277.5	256	0.454	19.76	79.96	ON
186.88	13.45	0	801	0.15	0.29	-0.02	-0.42	7.836	7.818	0.16	-0.016	0	0.398	0.53	0	277	255	0.455	19.76	79.96	ON
189.99	13.431	0	803	0.14	0.3	-0.02	-0.43	7.917	7.836	0.176	-0.016	0	0.419	0.612	0	275	255.5	0.449	19.76	79.96	ON
193.11	13.509	0	803	0.14	0.29	0	-0.42	7.797	7.797	0.112	-0.016	0	0.416	0.616	0	274.5	255.5	0.454	19.76	79.96	ON
196.25	13.489	0	800	0.14	0.28	-0.01	-0.41	7.878	8.178	0.128	-0.016	0	0.432	0.611	0	274.5	255.5	0.456	19.76	79.96	ON
199.36	13.45	0	802	0.13	0.28	-0.01	-0.41	7.797	7.677	0.16	-0.016	0	0.435	0.567	0	278	255.5	0.451	19.76	79.96	ON
202.53	13.45	0	798	0.11	0.28	0	-0.4	7.797	8.019	0.128	-0.016	0	0.428	0.563	0	274.5	255	0.451	20.26	79.96	ON
205.65	13.431	0	801	0.12	0.27	0	-0.4	7.818	7.998	0.112	-0.016	0	0.394	0.534	0	274.5	255.5	0.454	20.26	0	ON
208.73	13.568	0	813	0.11	0.22	0.04	-0.37	6.09	6.993	0.032	-0.016	0	0.418	0.516	0	306	252	0.436	19.76	79.96	ON
211.87	13.607	0	799	0.12	0.2	0	-0.33	7.032	7.575	0.112	-0.016	0	0.416	0.537	0	276.5	254	0.46	19.76	79.96	ON
214.99	13.314	0	797	0.14	0.2	-0.01	-0.33	7.818	7.938	0.112	-0.016	0	0.435	0.62	0	272	255.5	0.448	20.26	79.96	ON
218.11	13.45	0	799	0.14	0.25	-0.04	-0.35	7.917	8.28	0.112	-0.016	0	0.431	0.558	0	286	255.5	0.452	20.26	79.96	ON
221.27	13.529	0	802	0.14	0.22	0	-0.36	7.857	8.199	0.112	-0.016	0	0.434	0.625	0	271	255.5	0.447	20.26	79.96	ON
224.39	13.45	0	796	0.14	0.23	0	-0.37	7.917	8.1	0.112	-0.016	0	0.435	0.559	0	275.5	255	0.456	20.26	79.96	ON
227.51	13.411	0	801	0.11	0.22	0.02	-0.36	7.959	8.46	0.16	-0.016	0	0.398	0.571	0	271	255.5	0.446	20.26	79.96	ON
230.64	13.372	0	802	0.1	0.26	0.01	-0.38	7.836	7.113	0.112	-0.016	0	0.418	0.55	0	271.5	255.5	0.452	20.26	79.96	ON
233.71	13.392	0	800	0.08	0.25	0.03	-0.36	7.818	7.095	0.08	-0.016	0	0.418	0.607	0	272	255	0.445	20.26	79.96	ON
236.86	13.568	0	798	0.11	0.25	0.02	-0.39	7.776	7.977	0.064	-0.016	0	0.424	0.611	0	278	255	0.447	20.26	79.96	ON
239.93	13.431	0	799	0.07	0.26	0.05	-0.37	7.878	7.899	0.112	-0.016	0	0.398	0.565	0	275.5	255.5	0.454	20.26	79.96	ON
243.11	13.568	0	800	0.07	0.26	0.02	-0.37	7.776	7.155	0.112	-0.016	0	0.419	0.551	0	276.5	255.5	0.453	20.26	79.96	ON
246.22	13.45	0	800	0.07	0.24	0.04	-0.36	7.818	8.52	0.112	-0.016	0	0.396	0.549	0	273.5	255.5	0.456	20.76	79.96	ON
249.33	13.509	0	802	0.08	0.24	0.03	-0.37	7.899	7.857	0.128	-0.016	0	0.416	0.54	0	276.5	256	0.451	20.76	79.96	ON
252.45	13.489	0	801	0.09	0.28	0	-0.38	7.878	7.194	0.128	-0.016	0	0.416	0.536	0	271.5	255	0.455	20.76	79.96	ON
255.54	13.529	0	801	0.13	0.23	0.02	-0.38	7.776	8.019	0.128	-0.016	0	0.395	0.538	0	273.5	255	0.453	20.76	79.96	ON

258.64	13.411	0	801	0.14	0.21	0.01	-0.36	7.818	7.233	0.112	-0.016	0	0.419	0.537	0	274.5	255	0.454	20.26	79.96	ON
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