Injector Offset

manifold vaccuum (kPa)	0	5	10	15	20
injector differential pressure (psi)	**58.0**	**58.7**	**59.5**	**60.2**	**60.9**
4.5	4.091	4.117	4.143	4.169	4.196
5.0	3.805	3.830	3.855	3.880	3.905
5.5	3.532	3.555	3.579	3.603	3.627
6.0	3.270	3.292	3.315	3.338	3.360
6.5	3.019	3.041	3.062	3.084	3.105
7.0	2.781	2.801	2.822	2.842	2.862
7.5	2.554	2.573	2.593	2.612	2.631
8.0	2.339	2.357	2.375	2.393	2.412
8.5	2.135	2.153	2.170	2.187	2.204
9.0	1.944	1.960	1.976	1.992	2.008
9.5	1.764	1.779	1.794	1.809	1.824
10.0	1.595	1.609	1.624	1.638	1.652
10.5	1.439	1.452	1.465	1.479	1.492
11.0	1.294	1.306	1.319	1.331	1.343
11.5	1.160	1.172	1.184	1.195	1.207
12.0	1.039	1.050	1.060	1.071	1.082
12.5	0.929	0.939	0.949	0.959	0.969
13.0	0.831	0.840	0.849	0.858	0.867
13.5	0.744	0.753	0.761	0.770	0.778
14.0	0.670	0.677	0.685	0.693	0.700
14.5	0.607	0.614	0.621	0.628	0.635
15.0	0.555	0.562	0.568	0.574	0.580
15.5	0.516	0.521	0.527	0.533	0.538
16.0	0.447	0.455	0.463	0.470	0.478
16.5	0.421	0.429	0.436	0.444	0.452
17.0	0.406	0.414	0.421	0.429	0.437
17.5	0.395	0.403	0.410	0.418	0.426
18.0	0.384	0.391	0.399	0.407	0.415
18.5	0.373	0.380	0.388	0.396	0.404
19.0	0.361	0.369	0.377	0.385	0.392
19.5	0.350	0.358	0.366	0.374	0.381
20.0	0.339	0.347	0.355	0.363	0.370
20.5	0.328	0.336	0.344	0.351	0.359

	18.6	**20.9**	**23.2**	**25.5**	**27.8**
4	2.821	2.914	3.008	3.101	3.194
5	2.625	2.713	2.800	2.888	2.975
6	2.255	2.332	2.408	2.485	2.561
7	1.913	1.980	2.046	2.113	2.180
8	1.600	1.658	1.715	1.773	1.831

9	1.315	1.365	1.415	1.465	1.515
10	1.058	1.101	1.145	1.188	1.231
11	0.830	0.867	0.905	0.942	0.980
12	0.630	0.663	0.696	0.728	0.761
13	0.459	0.488	0.517	0.546	0.575
14	0.316	0.342	0.369	0.395	0.422
15	0.201	0.226	0.251	0.276	0.301
16	0.115	0.139	0.164	0.188	0.212
17	0.079	0.099	0.120	0.140	0.161
18	0.057	0.077	0.098	0.118	0.139
19	0.035	0.055	0.075	0.096	0.116
20	0.012	0.033	0.053	0.074	0.094

	18.6	21.5	24.4	27.3	30.2
4	2.821	2.938	3.054	3.171	3.287
5	2.625	2.735	2.844	2.953	3.062
6	2.255	2.351	2.446	2.542	2.638
7	1.913	1.997	2.080	2.163	2.246
8	1.600	1.672	1.744	1.816	1.889
9	1.315	1.377	1.440	1.502	1.564
10	1.058	1.112	1.166	1.220	1.274
11	0.830	0.877	0.924	0.970	1.017
12	0.630	0.671	0.712	0.753	0.794
13	0.459	0.495	0.531	0.568	0.604
14	0.316	0.349	0.382	0.415	0.448
15	0.201	0.232	0.263	0.294	0.325
16	0.115	0.145	0.176	0.206	0.236
17	0.079	0.105	0.130	0.156	0.181
18	0.057	0.082	0.108	0.133	0.159
19	0.035	0.060	0.086	0.111	0.137
20	0.012	0.038	0.063	0.089	0.115

vs. Pressure Delta vs. IGNV

25	30	35	40	45	50	55	60
61.6	**62.4**	**63.1**	**63.8**	**64.5**	**65.3**	**66.0**	**66.7**
4.222	4.248	4.274	4.300	4.327	4.353	4.379	4.405
3.930	3.955	3.980	4.005	4.030	4.055	4.080	4.105
3.651	3.674	3.698	3.722	3.746	3.770	3.793	3.817
3.383	3.405	3.428	3.451	3.473	3.496	3.519	3.541
3.127	3.148	3.170	3.191	3.213	3.234	3.256	3.277
2.883	2.903	2.923	2.944	2.964	2.985	3.005	3.025
2.650	2.670	2.689	2.708	2.728	2.747	2.766	2.785
2.430	2.448	2.466	2.485	2.503	2.521	2.539	2.558
2.221	2.239	2.256	2.273	2.290	2.307	2.324	2.342
2.025	2.041	2.057	2.073	2.089	2.105	2.122	2.138
1.840	1.855	1.870	1.885	1.900	1.916	1.931	1.946
1.667	1.681	1.695	1.709	1.724	1.738	1.752	1.766
1.505	1.519	1.532	1.545	1.559	1.572	1.585	1.599
1.356	1.368	1.381	1.393	1.406	1.418	1.431	1.443
1.218	1.230	1.241	1.253	1.265	1.276	1.288	1.299
1.093	1.103	1.114	1.125	1.136	1.146	1.157	1.168
0.979	0.989	0.999	1.008	1.018	1.028	1.038	1.048
0.877	0.886	0.895	0.904	0.913	0.922	0.932	0.941
0.786	0.795	0.803	0.812	0.820	0.828	0.837	0.845
0.708	0.716	0.723	0.731	0.739	0.746	0.754	0.762
0.642	0.649	0.655	0.662	0.669	0.676	0.683	0.690
0.587	0.593	0.599	0.606	0.612	0.618	0.625	0.631
0.544	0.550	0.555	0.561	0.567	0.572	0.578	0.584
0.485	0.493	0.501	0.508	0.516	0.523	0.531	0.538
0.459	0.467	0.475	0.482	0.490	0.497	0.505	0.513
0.445	0.452	0.460	0.468	0.476	0.483	0.491	0.499
0.434	0.441	0.449	0.457	0.464	0.472	0.480	0.488
0.422	0.430	0.438	0.446	0.453	0.461	0.469	0.477
0.411	0.419	0.427	0.435	0.442	0.450	0.458	0.466
0.400	0.408	0.416	0.423	0.431	0.439	0.447	0.454
0.389	0.397	0.405	0.412	0.420	0.428	0.436	0.443
0.378	0.386	0.394	0.401	0.409	0.417	0.424	0.432
0.367	0.375	0.382	0.390	0.398	0.406	0.413	0.421

30.2	**32.5**	**34.8**	**37.1**	**39.5**	**41.8**	**44.1**	**46.4**
3.287	3.336	3.384	3.433	3.481	3.529	3.578	3.663
3.062	3.107	3.152	3.197	3.242	3.286	3.331	3.410
2.638	2.676	2.714	2.752	2.791	2.829	2.867	2.934
2.246	2.279	2.311	2.344	2.376	2.408	2.441	2.498
1.889	1.916	1.943	1.971	1.998	2.026	2.053	2.101

1.564	1.588	1.611	1.634	1.657	1.680	1.704	1.744
1.274	1.294	1.313	1.333	1.353	1.372	1.392	1.426
1.017	1.034	1.051	1.068	1.085	1.102	1.119	1.148
0.794	0.809	0.824	0.839	0.854	0.869	0.884	0.910
0.604	0.618	0.632	0.646	0.659	0.673	0.687	0.711
0.448	0.461	0.475	0.488	0.502	0.515	0.529	0.552
0.325	0.339	0.353	0.367	0.381	0.394	0.408	0.433
0.236	0.251	0.266	0.281	0.296	0.311	0.326	0.346
0.181	0.198	0.215	0.232	0.248	0.265	0.282	0.303
0.159	0.176	0.193	0.209	0.226	0.243	0.260	0.280
0.137	0.154	0.170	0.187	0.204	0.221	0.238	0.258
0.115	0.131	0.148	0.165	0.182	0.199	0.215	0.236

33.1	36	38.9	41.8	44.7	47.6	50.5	53.4
3.345	3.404	3.462	3.520	3.578	3.680	3.783	3.885
3.116	3.170	3.224	3.277	3.331	3.426	3.521	3.616
2.683	2.729	2.775	2.821	2.867	2.948	3.028	3.109
2.285	2.324	2.363	2.402	2.441	2.509	2.577	2.645
1.921	1.954	1.987	2.020	2.053	2.110	2.167	2.225
1.592	1.620	1.648	1.676	1.704	1.752	1.800	1.848
1.298	1.321	1.345	1.369	1.392	1.433	1.473	1.514
1.037	1.058	1.078	1.099	1.119	1.154	1.189	1.224
0.812	0.830	0.848	0.866	0.884	0.915	0.946	0.977
0.621	0.637	0.654	0.671	0.687	0.716	0.745	0.773
0.464	0.480	0.496	0.512	0.529	0.557	0.585	0.613
0.342	0.359	0.375	0.392	0.408	0.438	0.467	0.496
0.254	0.272	0.290	0.308	0.326	0.350	0.375	0.399
0.201	0.222	0.242	0.262	0.282	0.307	0.332	0.356
0.179	0.199	0.219	0.240	0.260	0.285	0.309	0.334
0.157	0.177	0.197	0.217	0.238	0.262	0.287	0.312
0.135	0.155	0.175	0.195	0.215	0.240	0.265	0.290

65	70	75	80
67.4	68.2	68.9	69.6
4.432	4.458	4.484	4.510
4.130	4.155	4.180	4.205
3.841	3.865	3.889	3.913
3.564	3.587	3.609	3.632
3.299	3.320	3.342	3.363
3.046	3.066	3.086	3.107
2.805	2.824	2.843	2.863
2.576	2.594	2.612	2.630
2.359	2.376	2.393	2.410
2.154	2.170	2.186	2.203
1.961	1.977	1.992	2.007
1.781	1.795	1.809	1.823
1.612	1.625	1.639	1.652
1.455	1.468	1.480	1.493
1.311	1.323	1.334	1.346
1.179	1.189	1.200	1.211
1.058	1.068	1.078	1.088
0.950	0.959	0.968	0.977
0.854	0.862	0.871	0.879
0.770	0.777	0.785	0.793
0.697	0.704	0.711	0.718
0.637	0.644	0.650	0.656
0.589	0.595	0.601	0.607
0.546	0.554	0.561	0.569
0.520	0.528	0.536	0.543
0.507	0.514	0.522	0.530
0.495	0.503	0.511	0.519
0.484	0.492	0.500	0.508
0.473	0.481	0.489	0.497
0.462	0.470	0.478	0.485
0.451	0.459	0.467	0.474
0.440	0.448	0.455	0.463
0.429	0.437	0.444	0.452

48.7	51.1	53.4	55.7	58	60.3	62.7	65
3.748	3.834	3.920	4.005	4.091	4.161	4.230	4.300
3.489	3.568	3.647	3.726	3.805	3.872	3.938	4.005
3.001	3.068	3.136	3.202	3.270	3.330	3.390	3.451
2.554	2.611	2.668	2.724	2.781	2.835	2.889	2.944
2.148	2.196	2.244	2.291	2.339	2.387	2.436	2.485

1.784	1.824	1.864	1.904	1.944	1.987	2.030	2.073
1.460	1.494	1.528	1.561	1.595	1.633	1.671	1.709
1.177	1.206	1.235	1.264	1.294	1.327	1.360	1.393
0.936	0.961	0.987	1.013	1.039	1.068	1.096	1.125
0.735	0.759	0.783	0.807	0.831	0.855	0.880	0.904
0.576	0.599	0.623	0.646	0.670	0.690	0.711	0.731
0.457	0.482	0.506	0.531	0.555	0.572	0.589	0.606
0.366	0.387	0.407	0.427	0.447	0.468	0.488	0.508
0.323	0.344	0.365	0.385	0.406	0.427	0.447	0.468
0.301	0.322	0.342	0.363	0.384	0.404	0.425	0.446
0.279	0.300	0.320	0.341	0.361	0.382	0.403	0.423
0.257	0.277	0.298	0.319	0.339	0.360	0.381	0.401

56.3	59.2	62.1	65	67.9	70.8	73.7	76.6
3.988	4.091	4.175	4.259	4.342	4.426	4.510	4.591
3.710	3.805	3.885	3.965	4.045	4.125	4.205	4.280
3.189	3.270	3.342	3.414	3.487	3.559	3.632	3.695
2.713	2.781	2.846	2.911	2.976	3.042	3.107	3.160
2.282	2.339	2.397	2.455	2.514	2.572	2.630	2.675
1.896	1.944	1.995	2.047	2.099	2.151	2.203	2.241
1.555	1.595	1.641	1.686	1.732	1.778	1.823	1.856
1.259	1.294	1.333	1.373	1.413	1.453	1.493	1.520
1.008	1.039	1.073	1.108	1.142	1.176	1.211	1.235
0.802	0.831	0.860	0.889	0.919	0.948	0.977	1.000
0.641	0.670	0.694	0.719	0.743	0.768	0.793	0.815
0.526	0.555	0.575	0.596	0.616	0.636	0.656	0.679
0.423	0.447	0.472	0.496	0.520	0.545	0.569	0.590
0.381	0.406	0.431	0.455	0.480	0.505	0.530	0.552
0.359	0.384	0.408	0.433	0.458	0.483	0.508	0.530
0.337	0.361	0.386	0.411	0.436	0.461	0.485	0.508
0.315	0.339	0.364	0.389	0.414	0.438	0.463	0.486

67.3	69.6	71.9	74.3	76.6	78.9	81.2	83.5
4.371	4.440	4.510	4.577	4.644	4.711	4.778	4.845
4.072	4.139	4.205	4.267	4.329	4.391	4.453	4.515
3.511	3.571	3.632	3.685	3.737	3.790	3.843	3.895
2.998	3.052	3.107	3.151	3.196	3.240	3.285	3.329
2.533	2.582	2.630	2.668	2.705	2.743	2.781	2.818

2.116	2.159	2.203	2.234	2.266	2.297	2.329	2.361
1.747	1.785	1.823	1.850	1.877	1.904	1.931	1.957
1.426	1.460	1.493	1.516	1.539	1.562	1.585	1.608
1.154	1.182	1.211	1.231	1.252	1.272	1.293	1.313
0.929	0.953	0.977	0.996	1.015	1.034	1.053	1.072
0.752	0.772	0.793	0.811	0.830	0.848	0.867	0.885
0.623	0.639	0.656	0.676	0.695	0.714	0.733	0.752
0.528	0.549	0.569	0.586	0.604	0.622	0.639	0.657
0.489	0.509	0.530	0.549	0.567	0.586	0.605	0.623
0.466	0.487	0.508	0.526	0.545	0.564	0.583	0.601
0.444	0.465	0.485	0.504	0.523	0.542	0.560	0.579
0.422	0.443	0.463	0.482	0.501	0.519	0.538	0.557

79.5	82.4	85.3	88.2	91.1	94	96.9	99.8
4.671	4.751	4.832	4.912	4.996	5.079	5.163	5.247
4.354	4.428	4.503	4.577	4.655	4.733	4.811	4.889
3.758	3.821	3.885	3.948	4.016	4.083	4.151	4.219
3.214	3.267	3.321	3.374	3.433	3.491	3.549	3.608
2.720	2.765	2.811	2.856	2.906	2.956	3.006	3.056
2.278	2.316	2.354	2.392	2.435	2.478	2.521	2.565
1.888	1.920	1.952	1.984	2.021	2.058	2.095	2.132
1.548	1.576	1.603	1.631	1.663	1.695	1.727	1.759
1.260	1.284	1.309	1.333	1.361	1.390	1.418	1.446
1.023	1.045	1.068	1.091	1.116	1.141	1.167	1.192
0.837	0.859	0.881	0.903	0.927	0.950	0.974	0.997
0.702	0.725	0.748	0.771	0.794	0.817	0.840	0.862
0.611	0.632	0.653	0.674	0.697	0.719	0.741	0.764
0.575	0.597	0.620	0.642	0.666	0.689	0.712	0.736
0.553	0.575	0.597	0.620	0.643	0.667	0.690	0.714
0.530	0.553	0.575	0.598	0.621	0.645	0.668	0.691
0.508	0.531	0.553	0.576	0.599	0.622	0.646	0.669

85.9	88.2	90.5	92.8
4.912	4.967	5.022	5.079
4.577	4.628	4.680	4.733
3.948	3.993	4.037	4.083
3.374	3.413	3.451	3.491
2.856	2.889	2.922	2.956

2.392	2.421	2.449	2.478
1.984	2.008	2.033	2.058
1.631	1.652	1.673	1.695
1.333	1.352	1.370	1.390
1.091	1.107	1.124	1.141
0.903	0.919	0.934	0.950
0.771	0.786	0.801	0.817
0.674	0.689	0.704	0.719
0.642	0.658	0.673	0.689
0.620	0.635	0.651	0.667
0.598	0.613	0.629	0.645
0.576	0.591	0.606	0.622

102.7	**105.6**	**108.5**	**111.4**
5.330	5.435	5.539	5.644
4.967	5.065	5.162	5.260
4.286	4.371	4.456	4.540
3.666	3.739	3.812	3.885
3.107	3.169	3.232	3.295
2.608	2.662	2.715	2.769
2.169	2.215	2.262	2.308
1.791	1.831	1.871	1.911
1.474	1.509	1.544	1.579
1.217	1.249	1.280	1.312
1.021	1.050	1.080	1.109
0.885	0.914	0.942	0.971
0.786	0.814	0.842	0.870
0.759	0.788	0.818	0.847
0.737	0.766	0.795	0.825
0.715	0.744	0.773	0.802
0.693	0.722	0.751	0.780