

Compression ratios listed under the head cc's are calculated using .039" X 4.410" head gasket at "0" deck. The last 3 columns show approximate compression ratios if the piston were down in the hole as much as the heading of each column indicates.

Going to a .054" thick head gaskets will reduce the comp approx .25 of a point.															
Man	Hughes	BRAND	TYPE	STROKE	ROD	C.D.	CC'S	PIN	75CC	80cc	84CC	.020 deck	.040 deck	.060 deck	.080 deck
184	2064	KB	HYPER	3.750"	6.760	1.992	+3.5	1.094	12.23	11.58	11.11	10.71	10.36	10.01	9.70
236	2068	KB	HYPER	3.750"	6.760	2.057	-1.8	1.094	11.55	10.98	10.56	10.18	9.84	9.52	9.22
237	2070	KB	HYPER	3.750"	6.760	2.067	-5.0	1.094	11.18	10.64	10.25	9.88	9.55	9.24	8.95
836	2320	ICON	FRGD	3.750"	6.760	2.067	-12.0	0.990	10.44	9.98	9.64	9.29	8.99	8.69	8.42
822	2322	ICON	FRGD	3.750"	6.760	2.067	-4.47	0.990	11.24	10.69	10.3	9.93	9.60	9.28	9.00
968	2356	ICON	FRGD	3.750"	6.760	2.067	-4.4	0.990	11.24	10.69	10.3	9.93	9.60	9.28	9.00
	12499	PROBE	FRGD	3.750"	6.760	2.065	-12.0	1.094	10.4	9.98	9.64	9.29	8.99	8.69	8.42
	14797	PROBE	FRGD	3.750"	6.760	2.065	-12.0	0.990	10.4	9.98	9.64	9.29	8.99	8.69	8.42
	14790	PROBE	FRGD	3.750"	6.760	2.065	-4.0	0.990	11.29	10.74	10.34	9.97	9.64	9.32	9.03
	52402	DIAMOND	FRGD	3.750"	6.760	2.065	-13.0	0.990	10.34	9.89	9.56	9.22	8.91	8.62	8.35
	52002	DIAMOND	FRGD	3.750"	6.760	2.065	-4.0	0.990	10.34	10.74	10.34	9.97	9.64	9.32	9.03
	52440	DIAMOND	FRGD	3.750"	6.760	2.029	+9.0	0.990	13.06	12.3	11.78	11.36	10.98	10.62	10.29
	52446	DIAMOND	FRGD	3.750"	6.760	2.065	+22.3	0.990	15.62	14.54	13.78	13.28	12.85	12.42	12.04
840	2334	ICON	FRGD	4.150"	6.760	1.867	-23.7	0.990	10.32	9.91	9.61	9.26	8.96	8.66	8.39
826	2336	ICON	FRGD	4.150"	6.760	1.867	-4.5	0.990	12.32	11.72	11.29	10.88	10.52	10.18	9.86
	12232	PROBE	FRGD	4.150"	6.760	1.865	-30.0	1.094	9.81	9.44	9.17	8.84	8.55	8.27	8.01
	14788	PROBE	FRGD	4.150"	6.760	1.865	-30.0	0.990	9.81	9.44	9.17	8.84	8.55	8.27	8.01
	14778	PROBE	FRGD	4.150"	6.760	1.865	-4.0	0.990	12.39	11.78	11.34	10.93	10.57	10.22	9.91
	52415	DIAMOND	FRGD	4.150"	6.760	1.865	-13.0	0.990	11.34	10.84	10.47	10.09	9.76	9.44	9.15
	52005	DIAMOND	FRGD	4.150"	6.760	1.865	-4.0	0.990	12.39	11.78	11.34	10.93	10.57	10.22	9.91
	52452	DIAMOND	FRGD	4.150"	6.760	1.865	+14.3	0.990	15.35	14.4	13.72	13.23	12.79	12.37	11.98
842	2342	ICON	FRGD	4.250"	7.100	1.485	-26.7	0.990	10.29	9.89	9.59	9.24	8.94	8.64	8.38
828	2344	ICON	FRGD	4.250"	7.100	1.485	-4.47	0.990	12.6	11.99	11.54	11.12	10.76	10.40	10.08
	52424	DIAMOND	FRGD	4.250"	6.760	1.815	-24.0	0.990	10.52	10.1	9.79	9.44	9.13	8.82	8.55
	52460	DIAMOND	FRGD	4.250"	7.100	1.48	-24.0	0.990	10.52	10.1	9.79	9.44	9.13	8.82	8.55
	52017	DIAMOND	FRGD	4.250"	6.760	1.815	-4.0	0.990	12.66	12.04	11.59	11.17	10.80	10.45	10.12
	52030	DIAMOND	FRGD	4.250"	7.100	1.48	-4.0	0.990	12.66	12.04	11.59	11.17	10.80	10.45	10.12
843	2346	ICON	FRGD	4.375"	7.100	1.4225	-30.4	0.990	10.25	9.87	9.58	9.24	8.93	8.64	8.37
829	2348	ICON	FRGD	4.375"	7.100	1.4225	-4.47	0.990	12.94	12.31	11.85	11.42	11.05	10.68	10.35
837	2324	ICON	FRGD	4.500"	6.760	1.322	-12.0	0.990	12.33	11.77	11.36	10.95	10.59	10.24	9.92
956	2360	ICON	FRGD	4.500"	7.100	1.355	-4.0	0.990	13.35	12.69	12.21	11.77	11.38	11.01	10.67
	14905	PROBE	FRGD	4.500"	7.100	1.340	-26.7	0.990	10.83	10.41	10.1	9.74	9.42	9.10	8.82
	14891	PROBE	FRGD	4.500"	7.100	1.340	-4.0	0.990	13.35	11.77	10.36	9.99	9.66	9.34	9.05