

Series No.	Engine Code	Cyl. No.	Position	Size (mm)			Shape	Material	Surface treatment	Reference
				d1(D)	h1(B)	a1(T)				

HYUNDAI

1	G4HC	4	1st	66.00	1.20	2.50	BF	SR	GN	23040-02700
			2nd		1.20	2.80	TUC	CR	Fe	
			Oil		2.50	2.80	NIFF-H	SR	Cr/Fe	
2	G4HG EPSILON 1.1	4	1st	67.00	1.20	2.30	BF	SR	GN	23040-02950
			2nd		1.20	2.70	TUC	CR	Fe	23040-02955
			Oil		2.00	2.65	NIFF-H	SR	GN	23040-02970 23040-02AA0
3	G4EA ALPHA 1.3 ALPHA 1.3s	4	1st	71.50	1.50	2.70	BF	SR	GN	23040-22300 23040-22351
			2nd		1.50	3.10	T1	CR	Fe	
			Oil		3.00	2.85	NIFF-S	SR	Cr/Fe	
4	G4AJ(G4FA)	4	1st	75.50	1.20	2.70	BF-IB	SR	GN	23040-26002
			2nd		1.20	3.20	TUC	HB	Fe	
			Oil		2.00	2.95	NIFF-H	SR	GN	
5	G4EK	4	1st	75.50	1.20	2.90	BF	SR	Out. Cr	23010-26001
			2nd		1.50	3.20	T1	CR	Fe	
			Oil		3.00	2.80	NIFF-S	SR	Cr/Fe	
6	G4ED ALPHA 1.6	4	1st	76.50	1.20	2.90	BF	SR	GN	23040-26101
			2nd		1.20	3.20	TUC	CR	Fe	
			Oil		2.50	2.80	NIFF-H	SR	Cr/Fe	
7	G4ED ALPHA II 1.6	4	1st	76.50	1.20	2.90	BF	SR	GN	23040-26160
			2nd		1.20	3.20	TUC	CR	Fe	
			Oil		2.00	2.55	NIFF-H	SR	GN	

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8	GAMMA 1.4 GAMMA 1.6 (G4FC)	4	1st	77.00	1.20	2.80	BF	SR	Cr/Ox	23040-2B000 23040-2B600
			2nd		1.20	3.15	TUC	CR	Fe	
			Oil		2.00	2.60	NIFF-H	SR	Cr/Fe	
9	G4GR BETA 1.6 J2	4	1st	77.40	1.20	2.80	BF-IB	SR	GN	23040-23100 23040-23150 23040-23912
			2nd		1.20	3.30	T1	CR	Cr/Fe	
			Oil		2.00	2.80	NIFF-H	SR	GN	
10		4	1st	79.00	1.20	2.70	BF-IB	SR	GN	
			2nd		1.20	3.25	TUC	CR	Fe	
			Oil		2.00	2.95	NIFF-H	SR	GN	
11	Santa Fe 1.8T	4	1st	80.00	1.00	2.75	BF	SR	GN	
			2nd		1.20	3.35	TUN	F14	Fe	
			Oil		2.00	2.60	NIFF-H	SR	GN	
12	Nu 2.0L G4NA G4NB	4	1st	81.00	1.00	2.70	BF	SR	GN	23040-2E200
			2nd		1.20	3.40	TUN	CR	W	
			Oil		2.00	2.50	NIFF-H	SR	Cr/Fe	
13	G4GB BETA 1.8	4	1st	82.00	1.20	3.30	BF	HB	Cr/Fe	23040-23000 23040-23050 23040-23200
			2nd		1.20	3.50	T1	CR	Cr/Fe	
			Oil		2.50	2.80	NIFF-H	SR	GN	
14	G4GC G4GF BETA 2.0	4	1st	82.00	1.20	3.30	BF	SR	Cr/Fe	23040-23300 23040-23400
			2nd		1.20	3.50	T1	CR	Cr/Fe	
			Oil		2.00	2.60	NIFF-H	SR	GN	

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15	D4EA	4	1st	83.00	2.00 (1.832)	3.20	BF-K1	HB	CCIP	23040-27950 23040-27920
			2nd		2.00	3.50	T1-IB	F14	GN	
			Oil		3.00	1.95 (3.30)	BC16-S	SR	GN	
16	R-Line 2.0	4	1st	84.00	2.45 (2.332)	3.10	BF-K1	SR	Out. Cr	23040-2F930 23040-2F900
			2nd		2.00	3.50	T1-RB	CR	Fe	
			Oil		3.00	2.00 (3.35)	BC16-S	SR	GN	
17	R-Line 2.2 D4HB	4	1st	85.40	2.45 (2.332)	3.10	BF-K1	SR	Out. Cr	23040-2F910
			2nd		2.00	3.50	T1-RB	CR	Fe	
			Oil		3.00	2.00 (3.35)	BC16-S	SR	GN	
18	THETA 2.0 THETA II 2.0	4	1st	86.00	1.20	3.10	BF	SR	Cr/Ox	23040-25000
			2nd		1.20	3.40	T1	CR	Fe	
			Oil		2.00	2.60	NIFF-H	SR	Cr/Fe	
19	G4JS	4	1st	86.50	1.50	3.50	BF	SR	GN	23040-32610
			2nd		1.50	3.80	TUC	CR	Fe	
			Oil		4.00	3.25	NIFF-S	SR	Cr/Fe	
20	G6BA DELTA 2.7	6	1st	86.70	1.20	3.10	BF	SR	Cr/Fe	23040-37300
			2nd		1.20	3.60	T1	CR	Fe	
			Oil		2.50	3.10	NIFF-H	SR	Cr/Fe	
21	G6BA DELTA 2.7	6	1st	86.70	1.20	3.10	BF	SR	Cr/Fe	23040-3E001
			2nd		1.20	3.60	T1	CR	Fe	
			Oil		2.00	2.50	NIFF-H	SR	Cr/Fe	

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22	G4KC THETA II 2.4	4	1st	88.00	1.20	3.10	BF-IB	SR	GN	23040-25200
			2nd		1.20	3.50	TUC	CR	Fe	
			Oil		2.00	2.30	NIFF-H	SR	Cr/Fe	
23	D4CB	4	1st	91.00	2.45 (2.289)	3.65	BF-K2	SR	Cr/Fe	23040-4A940
			2nd		2.00	3.70	T1-IC	CR	Cr/Fe	
			Oil		3.00	2.00 (3.20)	BC16-S	SR	GN	
24	D4BF	4	1st	91.10	2.45 (2.333)	3.65	BF-K2	SR	Cr/Ox	23040-42850 1110A561 23040-42510
			2nd		1.95 (1.833)	3.75	T1-K2	HB	Cr/Fe	
			Oil		4.00	2.55 (4.50)	BC16-S	SR	Cr/Fe	
25	D4BC D4BA D4BF D4BH	4	1st	91.10	2.00	3.30	BF	SR	GN	23040-42210 23040-42200 23040-42202
			2nd		2.00	3.80	T1	CR	Cr/Fe	
			Oil		3.00	2.35 (3.40)	BC16-S	SR	GN	
26	D4BC D4BA D4BF D4BH	4	1st	91.10	2.00	3.40	BF	SR	GN	23040-42210 23040-42200 23040-42202
			2nd		2.00	3.80	T1	CR	Cr/Fe	
			Oil		3.00	2.30 (3.25)	BC16-S	SR	GN	
27	8DC9 D8AX	8	1st	135.00	3.32 (3.09)	5.40	BF-K1	HB	Cr/Fe	23040-72020 23040-72800
			2nd		3.00	5.50	T1-IC	HB	Cr/Fe	
			3rd		3.00	5.50	B1-TUC	CR	Cr/Fe	
			Oil		4.00	3.10 (4.96)	BC16-S	SR	GN	

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28	8DC9 D8AY D8AX	8	1st	135.00	3.32 (3.09)	5.40	BF-K1	HB	Cr/Fe	23040-72000
			2nd		3.00	5.50	T1-IC	HB	Cr/Fe	
			3rd		3.00	5.50	B1-TUC	CR	Cr/Fe	
			Oil		6.00	3.80 (5.70)	BC16-S	SR	GN	

