

## ● Gasoline-engine Automobiles ● ガソリン車 ●

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower	
<b>G4HA</b> <b>EPSILON 0.8</b>	798	Atos	<b>SWG30020ZZ</b>	4	1st	63.0	1.2	2.25	BF	SR	Cr	Fe	23040-02511
					2nd	63.0	1.5	2.8	T1-IB	CR	Fe	Fe	23040-02510
					Oil	63.0	2.8	2.75	NIFF-S	SR	Cr	Fe	
<b>G4HC</b> <b>EPSILON 1.0</b>	999	Atos	<b>SWG30018ZZ</b>	4	1st	66.0	1.2	2.25	BF	SR	Cr	Fe	23040-02700
					2nd	66.0	1.2	2.9	T1	CR	Fe	Fe	
					Oil	66.0	2.5	2.75	NIFF-S	SR	Cr	Fe	
<b>G4HG</b> <b>EPSILON 1.1</b>	1,086	Santro i 10	<b>SWG30031ZZ</b>	4	1st	67.0	1.2	2.3	BF	SR	GN	GN	23040-02820
					2nd	67.0	1.2	2.7	T1	CR	Fe	Fe	
					Oil	67.0	2.5	2.5	NIFF-S	SR	GN	GN	
			<b>SWG30038ZZ</b>	4	1st	67.0	1.2	2.3	BF	SR	GN	GN	23040-02950
					2nd	67.0	1.2	2.8	TUC	CR	Fe	Fe	23040-02955
					Oil	67.0	2.0	2.65	NIFF-H	SR	GN	GN	23040-02970 23040-02AA0
			<b>SWG30051ZZ</b>	4	1st	67.0	1.2	2.3	BF	SR	GN	GN	23040-02980
					2nd	67.0	1.2	2.8	TUC	CR	Fe	Fe	
					Oil	67.0	2.0	2.45	NIFF-H	SR	GN	GN	
<b>X11</b> <b>G4DG</b>	1,298	Excel 94	<b>SWG30022ZZ</b>	4	1st	71.0	1.5	2.65	BF	SR	Cr	Fe	23040-24010
					2nd	71.0	1.5	3.1	T1	CR	Fe	Fe	
					Oil	71.0	4.0	3.25	NIFF-S	SR	Cr	Fe	
<b>Kappa 1.2</b>	1,197	Atos	<b>SWG30058ZZ</b>	4	1st	71.0	1.0	2.25	BF	SR	Cr	Fe	23040-03000
					2nd	71.0	1.2	2.5	TUC	CR	Fe	Fe	
					Oil	71.0	2.0	1.95	NIFF-H	SR	GN	GN	
	i10 i20 KIA : Picanto KIA : Rio	<b>SWG30058ZY</b>	4	1st	71.0	1.0	2.5	BF	SR	GN	GN	23040-03220	
				2nd	71.0	1.2	2.5	TUC	CR	Fe	Fe		
				Oil	71.0	2.0	2.2	NIFF-H	SR	GN	GN		
<b>G4EA</b> <b>ALPHA 1.3</b> <b>ALPHA 1.3s</b>	1,341	Accent	<b>SWG30016ZZ</b>	4	1st	71.5	1.5	2.65	BF	SR	Cr	Fe	23040-22300
					2nd	71.5	1.5	3.1	T1	CR	Fe	Fe	23040-22351
					Oil	71.5	3.0	2.85	NIFF-S	SR	Cr	Fe	
	Click	<b>SWG30036ZZ</b>	4	1st	71.5	1.2	2.65	BF-IB	SR	Cr	Fe	23040-22301	
				2nd	71.5	1.2	3.0	TUC	CR	Fe	Fe		
				Oil	71.5	2.0	2.5	NIFF-H	SR	GN	GN		
<b>G4LC</b>	1,359	Accent	<b>SWG30069ZZ</b>	4	1st	72.0	1.0	2.25	BF-IB	SR	Cr	Fe	23040-03AA0
					2nd	72.0	1.2	2.6	TUC	CR	Fe	Fe	
					Oil	72.0	2.0	1.95	NIFF-H	SR	GN	GN	
<b>G4AE</b> <b>ALPHA 1.5</b>	1,468	Accent Scoupe	<b>SWG30017ZX</b>	4	1st	75.5	1.5	2.85	BF	SR	Cr	Fe	23040-22010
					2nd	75.5	1.5	3.1	T1	CR	Fe	Fe	23040-22601
					Oil	75.5	3.0	2.75	NIFF-S	SR	Cr	Fe	

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<b>G4EK ALPHA 1.5</b>	1,468	Accent Avante	<b>SWG30019ZZ</b>	4	1st	75.5	1.2	2.85	BF	SR	Cr	Fe	23010-26001
					2nd	75.5	1.5	3.1	T1	CR	Fe	Fe	
					Oil	75.5	3.0	2.75	NIFF-S	SR	Cr	Fe	
<b>G4ED ALPHA 1.6</b>	1,599	Elantra Santa Fe	<b>SWG30030ZZ</b>	4	1st	76.5	1.2	2.85	BF-IB	SR	Cr	Fe	23040-26101
					2nd	76.5	1.2	3.2	TUC	CR	Fe	Fe	
					Oil	76.5	2.5	2.85	NIFF-S	SR	Cr	Fe	
<b>G4ED ALPHA II 1.6</b>	1,599	Click	<b>SWG30034ZZ</b>	4	1st	76.5	1.2	2.85	BF-IB	SR	Cr	Fe	23040-26160
					2nd	76.5	1.2	3.2	TUC	CR	Fe	Fe	
					Oil	76.5	2.0	2.5	NIFF-H	SR	GN	GN	
<b>GAMMA 1.4</b>	1,396	Avante HD	<b>SWG30046ZZ</b>	4	1st	77.0	1.2	2.85	BF-IB	SR	Cr	Fe	23040-2B000
					2nd	77.0	1.2	3.05	TUC	CR	Fe	Fe	
<b>GAMMA 1.6</b>	1,591				Oil	77.0	2.0	2.55	NIFF-H	SR	Cr	Fe	23040-2B600
<b>G4GR BETA 1.6 J2</b>	1,559	Elantra	<b>SWG30025ZZ</b>	4	1st	77.4	1.2	2.85	BF-IB	SR	Cr	Fe	23040-23100
					2nd	77.4	1.2	3.3	T1	CR	Fe	Fe	
					Oil	77.4	2.5	2.8	NIFF-S	SR	Cr	Fe	
<b>FB</b>	1,793	Spectra 1.8	<b>SWG30040ZZ</b>	4	1st	81.0	1.2	3.3	BF-IB	SR	Cr	Fe	23040-2Y000
					2nd	81.0	1.2	3.4	TUC	CR	Fe	Fe	
					Oil	81.0	2.5	2.85	NIFF-S	SR	Cr	Fe	
<b>2KO Nu 1.8L</b>	1,797	Elantra 11	<b>SWG30059ZZ</b>	4	1st	81.0	1.0	2.7	BF-IB	SR	GN	GN	23040-2E000
					2nd	81.0	1.2	3.15	TUC-RB	CR	Fe	Fe	
					Oil	81.0	2.0	2.2	NIFF-H	SR	GN	GN	
<b>Nu 2.0L</b>	1,999	Elantra i40 Tucson	<b>SDG30065ZZ (TCC-K-2020)</b>	4	1st	81.0	1.0	2.7	BF-IB	SR	GN	GN	23040-2E200
					2nd	81.0	1.2	3.15	TUC-RB	CR	Fe	Fe	
					Oil	81.0	2.0	2.75	E-BC16	SR	GN	GN	
<b>G4DM SIRIUS 1.8D</b>	1,836	Sonata	<b>SWG30032ZZ</b>	4	1st	81.5	1.2	3.1	BF	SR	GN	GN	23040-33430
					2nd	81.5	1.5	3.6	T1	CR	Cr	Fe	
					Oil	81.5	3.0	2.55	NIFF-S	SR	GN	GN	
<b>G4GB BETA 1.8</b>	1,796	Avante Tiburon Elantra	<b>SWG30028ZY</b>	4	1st	82.0	1.2	3.05	BF-IB	SR	Cr	Fe	23040-23000
					2nd	82.0	1.2	3.5	T1	CR	Fe	Fe	
					Oil	82.0	2.5	2.85	NIFF-S	SR	Cr	Fe	
<b>G4GC G4GF BETA 2.0</b>	1,975	Elantra Elantra Touring Coupe Tucson	<b>SWG30054ZZ</b>	4	1st	82.0	1.2	2.85	BF	SR	Cr	Fe	23040-23300
					2nd	82.0	1.2	3.05	TUC	CR	Fe	Fe	
					Oil	82.0	2.0	2.45	NIFF-H	SR	GN	GN	

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<b>G4CR G4RJP SIRIUS 1.6</b>	1,595	Elantra	<b>SWG30021ZZ</b>	4	1st	82.3	1.2	3.1	BF	SR	GN	GN	23040-33030
					2nd	82.3	1.5	3.8	T1	CR	Cr	Fe	
					Oil	82.3	3.0	2.85	NIFF-S	SR	GN	GN	
<b>G4CP 2.0</b>	1,997	Sonata 2.0	<b>SWG30029ZZ</b>	4	1st	85.0	1.5	3.25	BF	SR	Cr	Fe	23040-32800
					2nd	85.0	1.5	3.7	T1	CR	Fe	Fe	
					Oil	85.0	4.0	3.15	NIFF-S	SR	Cr	Fe	
					<b>SWG30026ZZ</b>	4	1st	85.0	1.2	3.1	BF-IB	SR	
2nd	85.0	1.5	3.8	TUC			CR	Fe	Fe				
Oil	85.0	2.8	2.55	NIFF-S			SR	GN	GN				
<b>G4CP 2.0 SIRIUS 2.0D</b>	1,997	Sonata 2.0 New Sonata	<b>SWG30027ZZ</b>	4	1st	85.0	1.2	3.1	BF	SR	GN	GN	23040-33110
					2nd	85.0	1.5	3.8	TUC	CR	Cr	Fe	23040-33140
					Oil	85.0	3.0	2.55	NIFF-S	SR	GN	GN	23040-33150
<b>THETA 2.0 THETA II 2.0</b>	1,998	NF Sonata 2.0L	<b>SWG30042ZZ</b>	4	1st	86.0	1.2	3.05	BF	SR	Cr	Fe	23040-25000
					2nd	86.0	1.2	3.6	TUC	CR	Fe	Fe	
					Oil	86.0	2.0	2.45	NIFF-H	SR	Cr	Fe	
<b>G4KC</b>	1,975	Sonata Lotze	<b>SWG30042ZY</b>	4	1st	86.0	1.2	2.9	BF	SR	GN	GN	23040-2G000
					2nd	86.0	1.2	3.6	TUC	CR	Fe	Fe	
					Oil	86.0	2.0	2.5	NIFF-H	SR	GN	GN	
<b>G4JS SIRIUS II</b>	2,350	Grace (New) Grandeur Grace Grand Salon	<b>SWG30024ZZ</b>	4	1st	86.5	1.5	3.45	BF	SR	Cr	Fe	23040-32610
					2nd	86.5	1.5	3.8	TUC	CR	Fe	Fe	
					Oil	86.5	4.0	3.3	NIFF-S	SR	Cr	Fe	
		Santa Fe 2.4	<b>SWG30047ZZ</b>	4	1st	86.5	1.2	3.1	BF-IB	SR	Cr	Fe	23040-38200
2nd	86.5				1.5	3.8	TUC	CR	Fe	Fe	23040-38212		
Oil	86.5				2.8	2.55	NIFF-S	SR	Cr	Fe			
<b>G6BA DELTA 2.7</b>	2,656	Delta Hyundai Coupe	<b>SWG30037ZZ</b>	V6	1st	86.7	1.2	3.05	BF-IB	SR	Cr	Fe	23040-37300
					2nd	86.7	1.2	3.6	T1	CR	Fe	Fe	
					Oil	86.7	2.5	2.9	NIFF-H	SR	Cr	Fe	
		Tiburon Sonata 05 Trajet Tucson	<b>SWG30045ZZ</b>	V6	1st	86.7	1.2	3.05	BF-IB	SR	Cr	Fe	23040-3E001
2nd	86.7				1.2	3.6	T1	CR	Fe	Fe			
Oil	86.7				2.0	2.65	NIFF-H	SR	GN	GN			
<b>G4KC THETA II 2.4</b>	2,359	NF Sonata 2.4L Tucson	<b>SWG30041ZZ</b>	4	1st	88.0	1.2	3.05	BF-IB	SR	Cr	Fe	23040-25200
					2nd	88.0	1.2	3.6	TUC	CR	Fe	Fe	
					Oil	88.0	2.0	2.45	NIFF-H	SR	Cr	Fe	
<b>G6DB LAMBDA 3.3</b>	3,342	Grandeur Azera Santa Fe Sonata	<b>SWG30055ZZ</b>	6	1st	92.0	1.2	3.1	BF-IB	SR	GN	GN	23040-3C150
					2nd	92.0	1.2	3.4	TUC	CR	Fe	Fe	
					Oil	92.0	2.0	2.55	NIFF-H	SR	GN	GN	
<b>H10 G6AU SIGMA G6CU</b>	3,467	Santa Fe XG 350	<b>SWG30056ZZ</b>	6	1st	93.0	1.5	3.3	BF	SR	GN	GN	23040-39800
					2nd	93.0	1.5	3.9	TUC	CR	Cr	Fe	
					Oil	93.0	3.0	2.85	NIFF-S	SR	GN	GN	
<b>Lambda II 3.8</b>	3,778	Grandeur Genesis	<b>SWG30064ZZ</b>	V6	1st	96.0	1.2	3.05	BF-IB	SR	Cr	Fe	23040-3C200
					2nd	96.0	1.2	3.7	TUC	CR	Fe	Fe	
					Oil	96.0	2.0	2.55	NIFF-H	SR	GN	GN	