

MAKER	TP NO	Type	Engine Model	Vehicle Chassis/Model	cc	Cyl	Bore	P	Width (h1)	Radial Wall Thickness (a1)	Shape			Material	Surface Treatment		Reference
											①	②	③		Outside	Upper/Lower	
HONDA	32422	3FAC	K24A	Accord,ILX,TSX CR-V,Odyssey Civic Si	2,354	4	87.0	T 2 O	1.2 1.2 2	2.7 3.4 2.45			BF TF BT SP	ST FD ST	PV CH PV	PH PH PH	13011-R40-A01
HONDA	32423	3F	K24Z	Accord,ILX,TSX CR-V,Odyssey Civic Si	2,354	4	87.0	T 2 O	1.2 1 2	2.7 2.5 2.45			BF TF BT SP	ST ST ST	PV FE PV	PH FE PH	13011-R40-A12
HONDA	32427	3F	K24W	Accord,ILX,TSX CR-V,Odyssey Civic Si	2,354	4	87.0	T 2 O	1.2 1 2	2.7 2.5 2.2			BF TF BT SP	ST ST ST	PV FE PV	PH FE -	13011-5A2-A11
TOYOTA	36063	2F	1AD-FTV	Corolla Scion iM Corolla iM	1,998	4	86.0	T 2 O	2 1.5 3	2.9 2.9 2			BF TF SP	ST ST ST	CH FE NT	FE FE NT	13011-26120
HONDA	32426	3FAC	B20B	CR-V,Orthia,Stepwgn	1,972	4	84.0	T 2 O	1.2 1.2 2.8	3.15 3.4 2.6			BF TF BT SP	ST FC ST	NT CH NT	NT PH PH	13011-PHK-Y01
HONDA	32425	3F	ER	City,Jazz	1,231	4	66.0	T 2 O	1 1.2 2.8	2.6 2.9 2.65			BF TF	ST FC ST	CH PH CH	FE PH PH	13011-PC0-004 13011-PC0-005
NISSAN	34219	3F	CA20E	200SX,Gazelle,Pintara Stanza,Bluebird U12 Bluebird T72	1,974	4	84.5	T 2 O	1.5 1.5 2.8	3.25 3.7 2.85			BF TF	ST FC ST	CH PH CH	FE PH PH	12033-D3600
TOYOTA	36064	2F	3MZ-FE	Harrier Hybrid,Kluger Hybrid RX330	3,300	6	92.0	T 2 O	1.2 1.2 3	2.9 3.8 2			BF TF SP	ST FC ST	NT PH NT	NT PH NT	13011-20061
NISSAN	34218	2FAC	RD28TQ		2,826	6	85.0	T 2 O	2 2 4	3.1 3.5 4.2			BF TF ST	ST FC ST	NT CH NT	- PH -	12033-81T10
NISSAN	34220	3FAC	VG20		1,998	6	77.95	T 2 O	1.5 1.5 2.8	2.7 3.4 2.65			BF TF	ST FC ST	CH CH CH	FE PH PH	12033-V5310
HYUNDAI	42068	3F	G6DC	Kia Carnival,Hyundai Santa FE, Kia Cadenza,Kia Sorento, Kia Sedona,Hyundai Azera	3,470	6	92.0	T 2 O	1.2 1.2 2	2.9 3.5 2.5			BF SP BB	ST FC ST	PV PH PV	FE PH PH	23040-3CAA0
HYUNDAI	42067	3F	G4KC	Hyundai Starex,Hyundai Tucson Kia Forte,Kia Cadenza, Kia Optima,Kia Rondo	2,359	4	88.0	T 2 O	1.2 1.2 2	2.9 3.65 2.6			BF SP BB	ST FC ST	PV PH PV	FE PH PH	23040-2G200
NISSAN	34217	3F	MA12S			4	71.0	T 2 O	1.5 1.5 2.8	2.3 3.2 2.8			BF TF	ST FC ST	NT PH NT	NT PH PH	12033-05B10
GM	50120	3F	F14D4	AVEO 1.4		4	77.9	T 2 O	1.2 1.2 2.0	2.7 3.25 2.95			BF TF SP	ST FC ST	NT PH CH	NT PH PH	93744936
HONDA	32428	3F	PLD			4	75.0	T 2 O	1.0 1.0 2.0	2.5 3.0 2.25			BF TF SP	ST FC ST	CH PH CH	PH PH PH	13011-PLD-004
NISSAN	33468	3F	4G15			4	75.5	T 2 O	1.2 1.2 2.5	2.7 3.3 2.2			BF TF SP	ST FC ST	NT PH CH	NT PH PH	MD372395
HONDA	32429	3FAC	K20Z3			4	86.0	T 2 O	1.2 1.2 2.0	3.1 3.45 2.5			BF TF SP	ST FC ST	NT PH PV	NT PH PH	13011-PRA-E02

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TOYOTA	36066	3FAC	8AR			4	86.0	T	1.5	3.2	3F	BF	SP	ST	PV	NT	13011-36101
								2	1.2	3.3					CR	FE	
								O	2.0	2.5					PV	-	
GM	50121	3F	T18SED			4	80.5	T	1.2	2.9	3F	BF	SP	ST	NT	NT	93745432
								2	1.2	3.4					PH	PH	
								O	2.0	2.95					CH	PH	
NISSAN	34221	3F	QR25DE	X-Trail Serena Teana Elgrand Murano Altima Caravan	2,488	4	89.0	T	1.2	2.9	3F	BF	SP	ST	PV	NT	12033-JG30A
								2	1.2	3.8					PH	PH	
								O	2.0	2.2					PV	-	