



TP

MOTOPRTEILE.RU
PISTON RINGS,
CYLINDER LINERS
CATALOG

Vol. 16

TPR

THE BEST FOR ENGINES!

TPR CO.,LTD.

<http://www.tpr.co.jp/>

TP

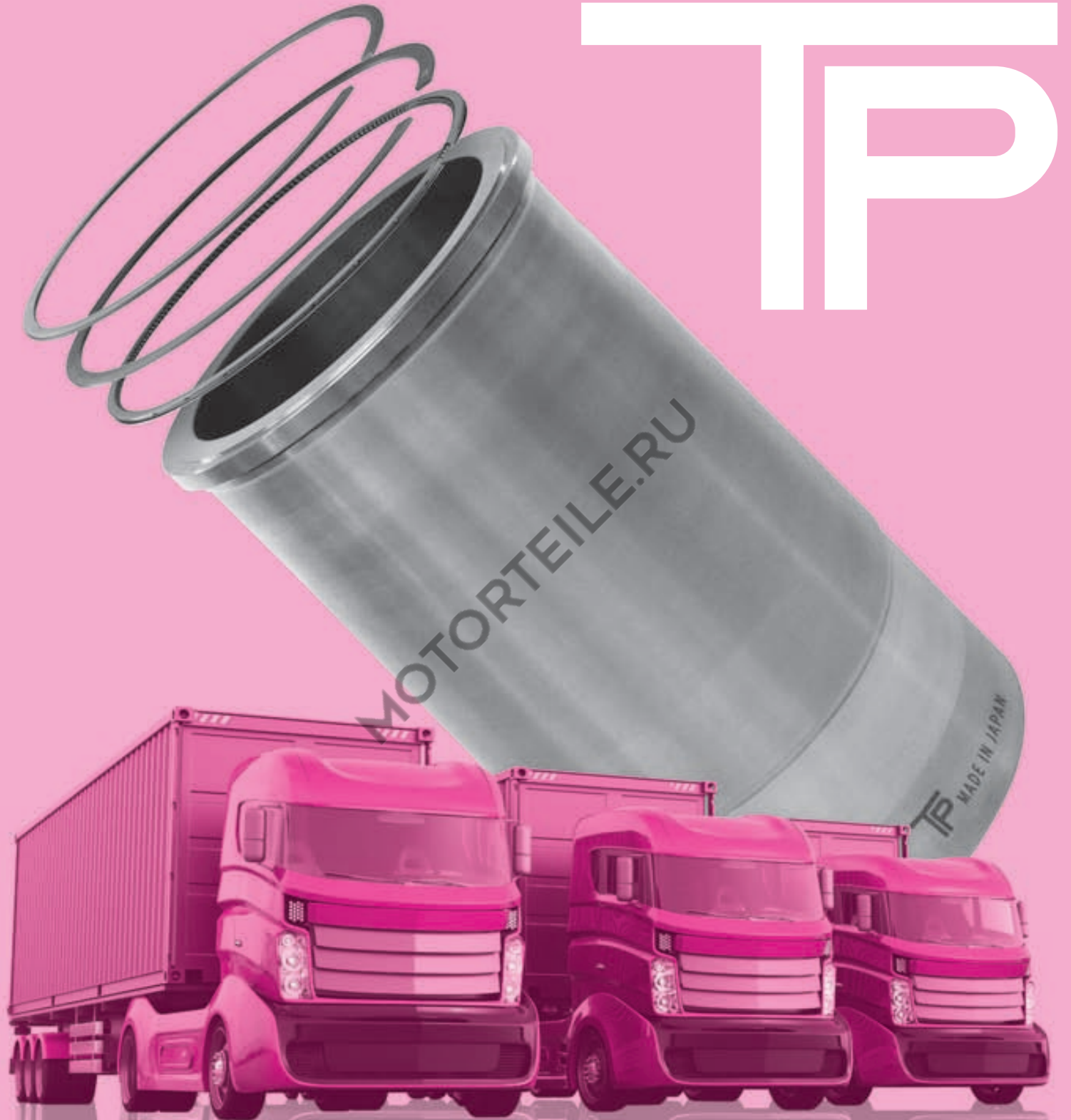
MOTORTEILE.RU



MADE IN JAPAN

MADE IN JAPAN

TP



DELIVERING PERFORMANCE

TPR CO.,LTD. URL:<http://www.tpr.co.jp/>

How to order TP Piston Rings

When ordering, please be sure to state the following : Our Set Number, Size, Type and Quantity.

TYPE

T: all rings iron-phosphate coated.

TC: top compression rings chrome plated, others iron-phosphate coated.

PS: top compression rings and upper oil control rings chrome plated, others iron-phosphate coated.

3PS: top, 2nd compression rings and upper oil control rings chrome plated, others iron-phosphate coated.

AC: all rings chrome plated or nitrided.

DW: top compression rings side face chrome plated upper oil rings chrome plated with coil expander, others iron-phosphate coated.

3F: top compression and multi-piece steel oil control rings chrome plated or nitrided, others iron-phosphate coated.

2F: top compression and upper oil control rings chrome plated or nitrided, upper oil control rings with coil expander, others iron-phosphate coated.

BC: top compression rings side chrome plated.

X: upper oil control rings with hump type expander.

3F types is mainly for gasoline engines.

2F types is mainly for diesel engines.

“K” after width indicates full keystone rings.

“HK” after width indicates half keystone rings.

OVER SIZE

TP PISTON RING SETS are available in standard (STD) size and the following oversizes.

inch	STD	.010	.020	.030	.040
mm	STD	0.25	0.50	0.75	1.00

EXAMPLE

Our Set No.	Type	Size	Quantity	Remarks
35825	3F	STD	500 sets	
32208	PS	020	750 sets	

- TP PISTON RING SET other than for Japanese cars are also available to supply.

Contents

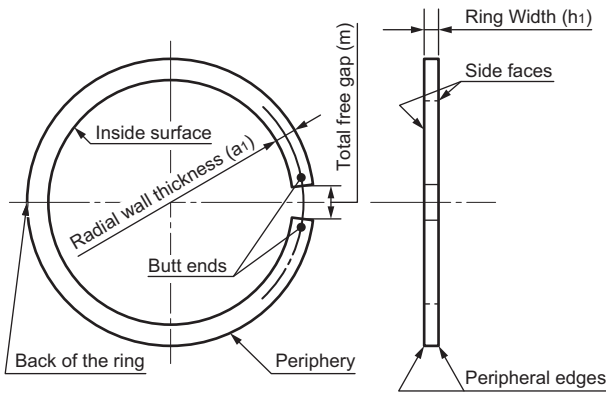
How to order TP Piston Rings	2
PISTON RINGS	4
Piston Rings Details, Identification and Location	5
Cross-Section Configuration/Material/Surface Treatment.....	6
DAIHATSU	8
HINO	11
HONDA.....	20
ISUZU	25
MAZDA.....	39
MITSUBISHI	44
NISSAN	61
SUBARU	78
SUZUKI	79
TOYOTA	82
DAEWOO	98
HYUNDAI	100
KIA.....	104
OTHERS.....	106
(ASIA, CHRYSLER, GM/CHEVROLET, FIAT, FORD, GAZ, LADA, MERCEDES, MINI, OPEL, PEUGEOT, PROTON, RENAULT, SSANGYONG, VW, DOOSAN, SKODA, AUDI)	
COMPRESSOR.....	112
CYLINDER LINERS	115
Liner Type Diagrams	116
DAIHATSU	118
HINO.....	118
ISUZU	119
MAZDA.....	120
MITSUBISHI	120
NISSAN	122
TOYOTA	124
OTHERS.....	124
(MERCEDES, DOOSAN)	
NUMERICAL LISTING	125
(Reference No./TP No.)	

PISTON RINGS

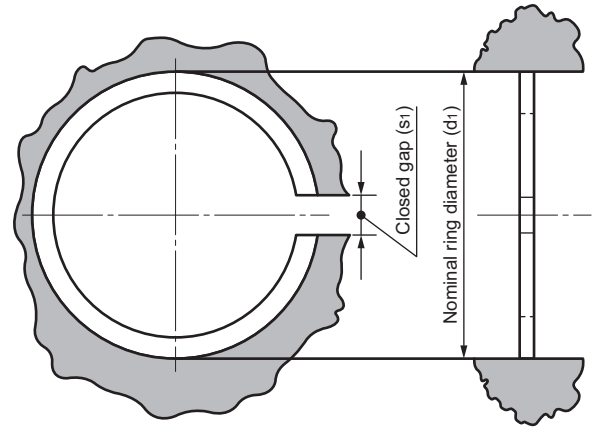
MOTORTEILE.RU

Piston Rings Details, Identification and Location

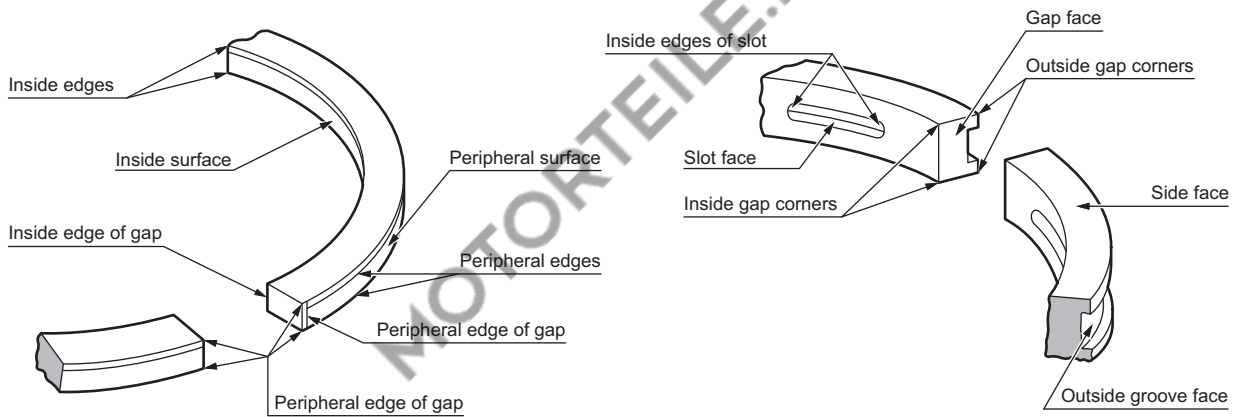
Nomenclature and symbols under free state



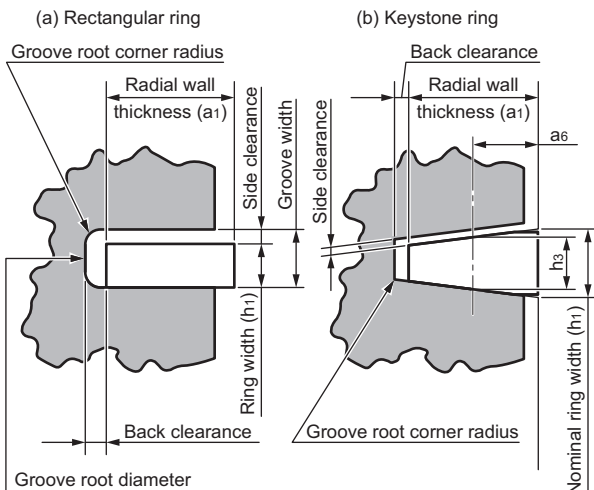
Nomenclature and symbols under mounted state



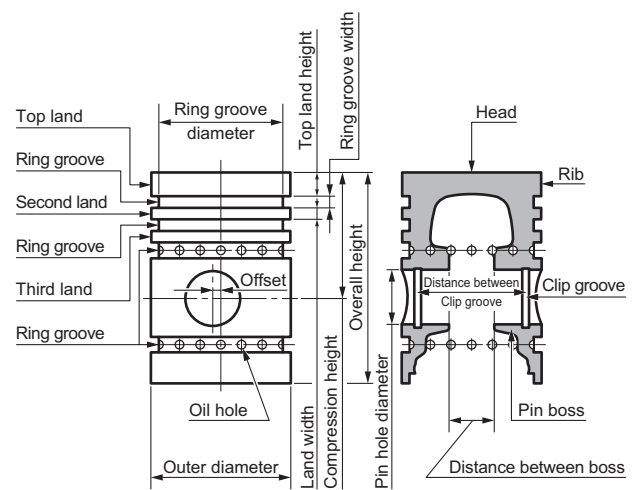
Nomenclature of edges, inside and peripheral surfaces and side face



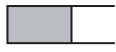
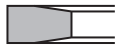
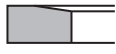










Nomenclature and symbols relating to ring cross-section and groove width






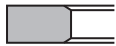


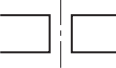
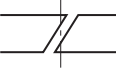
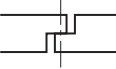




Nomenclature of parts (Piston)



Cross-Section Configuration/ Material/Surface Treatment

Shape ①		
Cross Section		
Rectangular		
Keystone		K
Half Keystone		HK
Slotted oil control		1F
Beveled-edge oil control		
Double-beveled oil control		
Coil spring loaded oil control		2F
Coil spring loaded Beveled-edge oil control		
Coil spring loaded double Beveled-edge oil control		
Expander/segment oil control ring		3F
Shape ②		
Face Configuration		
Straight-faced		SF
Barrel-faced		BF
Taper-faced		TF

Shape ③		
Others		
Scraper		SP
Internal bevel top		BT
Internal step top		ST
Internal bevel bottom		BB
Internal step bottom		SB
Inside edges chamfered		
Outside edges chamfered		
Inside and outside edges chamfered		
Material		
Gray Cast iron		FC
Ductile Cast iron		FD
Steel		ST
Surface treatment		
Nitriding		NT
Chromium plating		CH
Phosphate		PH
Ferroxided		FE
PVD		PV
Joint Configurations		
Joint (straight)		
Oblique joint (angle)		
Stepped joint (angle)		
Joint with side notch		
Joint with internal notch		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	

DAIHATSU

31057	3F	JB-J				4	T	61.0 × 1.2 × 2.3	BF BT	ST	CH	FE	13011-87231				
								61.0 × 1.2 × 2.5	TF SP	FC	PH	PH					
								61.0 × 2.0 × 2.45	3F	ST	CH	PH					
31016	TC	L38 S38	Fellow MAX L38,L38S		356	2	T	62.0 × 2.0 × 2.8	HK BF	FC	CH	PH	13011-87204				
								62.0 × 2.0 × 2.8	BF	FC	PH	PH	13011-87205				
								62.0 × 2.0 × 2.8	BF	FC	PH	PH	13011-87501				
31033	3F	EB	Mira		547	3	T	62.0 × 1.2 × 2.5	BF BT	ST	CH	FE	13011-87206				
								62.0 × 1.5 × 2.5	TF	FC	PH	PH	13011-87222				
								62.0 × 2.8 × 2.6	3F	ST	NT	PH					
31062	3F	KF-VE	Mira Esse		658	3	T	63.0 × 1.0 × 2.3	BF BT	ST	CH	FE	13011-B2020				
								63.0 × 1.2 × 2.3	TF SP	FC	PH	PH					
								63.0 × 2.0 × 2.25	3F	ST	CH	PH					
31063	2FAC	KF-VE2				3	T	63.0 × 1.0 × 2.3	BF BT	ST	CH	FE	13011-B2043				
								63.0 × 1.2 × 2.3	TF SP	FC	PH	PH					
								63.0 × 2.0 × 2.2	3F	ST	PV	PH					
31064	3F	KF-VE3				3	T	63.0 × 1.0 × 2.3	BF BT	ST	CH	FE	13011-B2110				
								63.0 × 1.0 × 2.1	TF	ST	FE	FE					
								63.0 × 1.5 × 2.15	3F	ST	PV	PH					
31040	3F	ED	Mira Charade,Hi-jet		850	3	T	66.6 × 1.2 × 2.55	BF	ST	NT	NT	13011-87208				
								66.6 × 1.5 × 2.85	TF SP	FC	PH	PH	13011-87232				
								66.6 × 2.8 × 2.6	3F	ST	NT	PH					
31050	3F	ED(NEW)	Charade		850	3	T	66.6 × 1.2 × 2.3	BF	ST	NT	NT	13011-97209				
								66.6 × 1.2 × 2.6	TF SP	FC	PH	PH					
								66.6 × 2.0 × 2.25	3F	ST	NT	NT					
31041	3F	EF	KANCIL		660	3	T	68.0 × 1.2 × 2.55	BF BT	ST	CH	FE	13011-87218				
								68.0 × 1.5 × 2.7	TF SP	FC	PH	PH					
								68.0 × 2.8 × 2.5	3F	ST	CH	PH					
31053	3F	EF	Mira		659	3	T	68.0 × 1.2 × 2.55	BF BT	ST	CH	FE	13011-97203				
								68.0 × 1.2 × 2.7	TF	FC	PH	PH					
								68.0 × 2.5 × 2.5	3F	ST	CH	PH					
31027	3FBC	CD	G20L		850	3	T	70.0 × 1.5 × 3.0	BF	FC	CH	PH	13011-87712				
								70.0 × 1.5 × 3.0	TF	FC	PH	PH					
								70.0 × 2.8 × 2.85	3F	ST	CH	FE					
31056	2F	1KR-FE J1KR	Vitz, PASSO, BOON		996	3	T	71.0 × 1.0 × 2.3	BF BT	ST	CH	FE	13011-40030A				
								71.0 × 1.0 × 2.3	TF SP	ST	FE	FE	13011-40050				
								71.0 × 1.5 × 2.05	2F	ST	PV	FE	13011-40051				

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
31024	3F	L40	Fellow MAX L40		547	2	T	71.6 × 1.5 × 3.0	BF		FC	CH	PH	13011-87709	
		AB10	Cuore L55,SS11				2	71.6 × 1.5 × 3.0	TF	SP	FC	PH	PH	13011-87710	
		AB20	Mira Cuore Wide Cab S60				O	71.6 × 2.8 × 2.75	3F		ST	CH	FE	13011-87714	
		AB30	Hi-jet Atrai Fronte											13011-87701 13011-87702 13011-87705	
31051	3F	D02X	XENIA		1,300	4	T	72.0 × 1.2 × 2.3	BF		ST	NT	NT	13011-BZ010-B	
							2	72.0 × 1.2 × 2.6	TF	SP	FC	PH	PH		
							O	72.0 × 2.0 × 2.25	3F		ST	NT			
31052	3F	D02X	XENIA		1,300	4	T	72.0 × 1.2 × 2.3	BF		ST	NT	NT	13011-BZ010-B	
							2	72.0 × 1.2 × 2.6	TF	SP	FC	PH	PH		
							O	72.0 × 2.0 × 2.25	3F		ST	NT			
31048	3F	EJ	Storia,M100s,M110s		989	3	T	72.0 × 1.2 × 2.6	BF	BT	ST	CH	PH	13011-97201	
							2	72.0 × 1.2 × 2.9	TF	SP	FC	PH	PH	13011-97210	
							O	72.0 × 2.5 × 2.6	3F		ST	CH	PH		
31059	3F	EJDE	Sirion Storia		1,000	3	T	72.0 × 1.2 × 2.57	BF	BT	ST	CH	PH	13011-97202	
							2	72.0 × 1.2 × 2.9	TF	SP	FC	PH	PH		
							O	72.0 × 2.5 × 2.6	3F		ST	CH	PH		
31061	3F	EJ-VE				3	T	72.0 × 1.2 × 2.5	BF	BT	ST	NT	NT	13011-BZ020-B	
							2	72.0 × 1.2 × 2.3	TF	SP	ST	FE	FE		
							O	72.0 × 2.0 × 2.25	3F		ST	NT			
31049	3F	K3	Storia,Hi-jet,Terios		1,300	4	T	72.0 × 1.2 × 2.6	BF	BT	ST	CH	PH	13011-97401	
							2	72.0 × 1.2 × 2.6	TF	SP	FC	PH	PH	13011-97404	
							O	72.0 × 2.0 × 2.25	3F		ST	CH	PH	13013-B1010	
31060	2F	2SZ	Vitz, Belta, Ractis		1,296	4	T	72.0 × 1.0 × 2.3	BF	BT	ST	CH	FE	13011-23070	
							2	72.0 × 1.0 × 2.3	TF	SP	ST	FE	FE	13011-23073	
							O	72.0 × 1.5 × 2.05	2F		ST	PV	FE		
31055	3F	3SZ-VE	XENIA(DAIHATSU) AVANZA(TOYOTA)		1,500	4	T	72.0 × 1.2 × 2.5	BF	BT	ST	NT	NT	13011-BZ110	
							2	72.0 × 1.2 × 2.3	TF	SP	ST	FE	FE	13011-BZ1040	
							O	72.0 × 2.0 × 2.25	3F		ST	NT		13011-B1020	
31028	3F	CB10	Charade G10		993	3	T	76.0 × 1.5 × 3.2	BF		FC	CH	PH	13011-87703	
							2	76.0 × 1.5 × 3.1	TF		FC	PH	PH	13011-87704	
							O	76.0 × 2.8 × 2.75	3F		ST	CH	PH	13011-87708	
31038	3FBC	CB20 CB50	Charade G10 TURBO		993	3	T	76.0 × 1.5 × 3.2	BF		FC	CH	PH	13011-87718	
							2	76.0 × 1.5 × 3.1	TF		FC	PH	PH		
							O	76.0 × 2.8 × 2.9	3F		ST	CH	FE		
31037	3FAC	CB90 S88	Charade		1,000	3	T	76.0 × 1.5 × 2.95	BF		ST	NT	NT	13011-87727	
							2	76.0 × 1.5 × 3.1	TF		FC	CH	PH		
							O	76.0 × 2.8 × 2.6	3F		ST	NT	NT		
31035	3F	HC	Charade G102S,G112S		1,295	4	T	76.0 × 1.2 × 2.9	BF	BT	ST	CH	FE	13011-87105	
							2	76.0 × 1.5 × 3.1	TF		FC	PH	PH	13011-87108	
							O	76.0 × 3.0 × 2.8	3F		ST	NT	NT		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
31036	3F	HD	Feroza Charade		1,589	4	T	76.0 × 1.2 × 2.75	BF	BT	ST	NT	NT	13011-87107	
							2	76.0 × 1.5 × 3.1	TF	FC	PH	PH	13011-87106		
							O	76.0 × 3.0 × 2.8	3F	ST	NT	NT	13011-87109		
													13011-87110 13011-87111		
31045	3F	HD(NEW)	Applause,Pyzar,A101s		1,589	4	T	76.0 × 1.2 × 2.75	BF	BT	ST	NT	NT	13011-87112	
							2	76.0 × 1.5 × 3.2	TF	SP	FC	PH	PH		
							O	76.0 × 3.0 × 2.5	3F	ST	NT	NT			
31031	2FACBC	CL CL10	Charade Diesel/G30		993	3	T	76.0 × 2.0 × 3.2	HK	BF	FD	CH	PH	13011-87717	
							2	76.0 × 1.5 × 3.1	TF	FD	CH	PH	13011-87723A		
							O	76.0 × 3.0 × 3.55	2F	ST	CH	FE			
31043	2FAC	CL(NEW)	Charade(Diesel)		1,000	3	T	76.0 × 2.0 × 2.95	HK	BF	ST	NT	NT	13011-87721	
							2	76.0 × 1.5 × 3.1	TF	FD	CH	PH			
							O	76.0 × 3.0 × 3.55	3F	ST	CH	FE			
31022	2F	DG(OLD)	Truck DV26,SV37		2,530	4	T	88.0 × 2.0 × 3.8	BF	FC	FD	CH	PH	992-5113-1410-00	
							2	88.0 × 2.0 × 3.8	TF	FC	PH	PH			
							3	88.0 × 2.0 × 3.5	TF	SP	FC	PH	PH		
							O	88.0 × 4.0 × 3.7	2F	FC	CH	PH			
							O	88.0 × 4.0 × 3.8	1F	FC	PH	PH			
31026	DW	DG(NEW)	Delta,Light Bus V20,21,22,23,24,26		2,530	4	T	88.0 × 2.5 × 3.8	BF	BT	FC	CH	PH	13011-87305	
							2	88.0 × 2.0 × 3.8	TF	FC	PH	PH	13011-87306		
							O	88.0 × 4.0 × 4.1	2F	FC	CH	PH	13011-87307 13011-87308		
31030	2FACBC	DL	Taft 4 Wheel-Drive F50 HU25,Taft Delta		2,765	4	T	92.0 × 2.5 × 3.8	BF	FC	CH	PH	13011-87310		
							2	92.0 × 2.0 × 3.8	TF	FC	CH	PH	13011-87311		
							O	92.0 × 4.0 × 4.25	2F	ST	CH	FE	13011-87312 13011-87313 13011-87320		
31032	2FAC	DL-T F70V	Taft Delta		2,765	4	T	92.0 × 2.5 × 3.8	HK	BF	FD	CH	PH	13011-87314A	
							2	92.0 × 2.0 × 3.8	TF	BT	FC	CH	PH	13011-87317	
							O	92.0 × 4.0 × 4.25	2F	ST	CH	FE			
31046	2FAC	DL-2	Taft Delta		2,765	4	T	92.0 × 2.5 × 3.6	BF	FD	CH	PH	13011-87321		
							2	92.0 × 2.0 × 3.8	TF	FC	CH	PH			
							O	92.0 × 4.0 × 4.25	2F	ST	CH	FE			

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	

HINO

32211	PS	DM100	Truck	4,313	6	T	90.0 × 2.5 × 3.7	TF	FC	CH	PH	3352-193901	
			KM300,310,320,330			2	90.0 × 2.5 × 3.7	TF	FC	PH	PH	3352-120507	
			340,350,410,450			3	90.0 × 2.5 × 3.7	TF	SP	FC	PH	PH	13011-1350A
			Bus			O	90.0 × 4.0 × 3.7	1F	FC	CH	PH		
			BM320,RM100			O	90.0 × 4.0 × 3.7	1F	FC	PH	PH		
			Tractor HM300,HM301										
32203	PS	DQ100 DQ92	Truck	4,507	6	T	92.0 × 2.5 × 3.9	TF	FC	CH	PH	13011-1360A	
			KM500,510,520D,540			2	92.0 × 2.5 × 3.9	TF	FC	PH	PH		
			KL501,521D,541,561			3	92.0 × 2.5 × 3.9	TF	SP	FC	PH	PH	
			KQ500,520D,540,560			O	92.0 × 4.0 × 3.9	1F	FC	PH	PH		
						O	92.0 × 4.0 × 3.9	1F	FC	CH	PH		
32204	PS	EC100	Truck	5,010	6	T	97.0 × 2.5 × 4.2	BF	FD	CH	PH	13011-1400	
			KL300,321,340,360,387			2	97.0 × 2.5 × 4.3	TF	ST	FC	PH	PH	13011-1390
			340K,360K,WB310			3	97.0 × 2.5 × 4.3		SP	FC	PH	PH	13019-1140A(cyl)
			Bus			O	97.0 × 4.0 × 4.3	1F	FD	CH	PH		
			RL100,AM100,200			O	97.0 × 4.0 × 4.3	1F	FC	PH	PH		
			Tractor HL300,KJ300										
32258	2F	N04,W04D	Ranger	4,009	4	T	104.0 × 2.5 × 3.75	BF	ST	NT	NT	13011-78060	
			Dutro			2	104.0 × 2.0 × 4.3	TF	FC	PH	PH		
			Liesse			O	104.0 × 4.0 × 4.3	2F	ST	NT	NT		
32296	2F	N04C/W04D		4	4	T	104.0 × 2.806 × 3.7	BF	ST	NT	NT	13011-78220	
						2	104.0 × 2.0 × 4.3	TF	FC	PH	PH		
						O	104.0 × 4.0 × 4.3	2F	ST	NT	NT		
32277	2FAC	W04C-T	Bus	3,839	4	T	104.0 × 2.806 × 4.1	K BF	FD	CH	PH	S1304-E0240	
			Rainbow			2	104.0 × 2.5 × 4.3	TF	ST	FD	CH	PH	13011-2270A
			RB145			O	104.0 × 5.0 × 4.55	2F	ST	CH	FE	13011-2270C	
												13011-2550B	
1cyl/set										13019-1160A(cyl)			
32286	2FAC	W04C-TI	Rainbow	3,839	4	T	104.0 × 2.806 × 4.1	K BF	FD	CH	PH	S1304-E170	
						2	104.0 × 2.5 × 4.3	TF	ST	FD	CH	PH	13011-2891A
						O	104.0 × 4.0 × 4.55	2F	ST	CH	FE	13019-1180A(cyl)	
1cyl/set													
32235	2F	W04D	Ranger KM,FB112	4,009	4	T	104.0 × 2.5 × 4.3	BF	FD	CH	PH	13011-1973	
						2	104.0 × 2.0 × 4.3	TF	ST	FC	PH	PH	13011-2540
						O	104.0 × 5.0 × 5.1	2F	FD	CH	PH		
32287	2F	W04D-J	Dutro	4,009	4	T	104.0 × 2.5 × 3.75	BF	ST	NT	NT	S1304-E0060	
			Ranger			2	104.0 × 2.0 × 4.3	TF	FC	PH	PH	13011-3950A	
			Liesse			O	104.0 × 4.0 × 4.2	2F	ST	NT	NT	13019-1190A(cyl)	
1cyl/set													

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32236	2F	W06D	Rainbow AC,FC142		5,759	6	T	104.0 × 2.5 × 4.3	BF		FD	CH	PH	13011-1983	
							2	104.0 × 2.0 × 4.3	TF	ST	FC	PH	PH	13011-2420	
							O	104.0 × 5.0 × 5.1	2F		FD	CH	PH	13011-2440	
32273	2F	W04D	Ranger KM,FB112		4,009	4	T	104.0 × 2.5 × 4.3	BF		FD	CH	PH	13011-1973	
			W06D	HE526,HH541,TC562,WP330		5,759	6	2	104.0 × 2.0 × 4.3	TF	ST	FC	PH	PH	13011-2540
								O	104.0 × 5.0 × 5.1	2F		FD	CH	PH	13011-1983
															13011-2420
														13011-2440	
32201	PS	DS70	Truck		7,014	6	T	105.0 × 3.0 × 4.2	TF		FC	CH	PH	13011-1210	
			DS90	TE11,61,100,KL300,KL320			2	105.0 × 3.0 × 4.2	TF		FC	PH	PH	13011-1550A	
		Bus				3	105.0 × 3.0 × 4.2	TF	SP	FC	PH	PH			
		RD100,120,BK11,BT10,30				O	105.0 × 4.5 × 4.2	1F		FC	CH	PH			
		Tractor			O	105.0 × 4.5 × 4.2	1F		FC	PH	PH				
TE100D,TE100,120															
32222	PSBC	EH100	Truck		5,871	6	T	105.0 × 2.5 × 4.3	BF		FD	CH	PH	13011-1150	
			BH15,KL500,520,540			2	105.0 × 2.5 × 4.3	TF	ST	FC	PH	PH	13011-1410		
			560,580,600,620,640			3	105.0 × 2.5 × 4.3	TF	SP	FC	PH	PH			
			KR320,360,WB311,321			O	105.0 × 4.0 × 4.3	1F		FD	CH	PH			
			Bus			O	105.0 × 4.0 × 4.3	1F		FC	PH	PH			
			BX320,AM101												
Tractor															
HL100,KJ500,KU500															
KR300,350,KV580,590															
32206	2F3PS	EH300	Truck		6,211	6	T	108.0 × 3.0 × 4.5	BF		FD	CH	PH	13011-1032A	
			KR301,321,361,KL501			2	108.0 × 2.5 × 4.5	TF	ST	FC	CH	PH	13011-1062		
			KJ501,KU580			O	108.0 × 5.0 × 3.1	2F		FC	CH	PH			
			Bus			O	108.0 × 4.0 × 4.85	1F		FC	PH	PH			
RD300,RL300,320															
32255	2FAC	H06C-T	Ranger		6,485	6	T	108.0 × 2.806 × 4.5	K	BF	FD	CH	PH	13011-3520	
						2	108.0 × 2.0 × 4.5	TF	ST	FD	CH	PH			
						3	108.0 × 2.0 × 4.5	TF	SP	FD	CH	PH			
						O	108.0 × 4.0 × 4.25	2F		ST	CH	FE			
32237	2F	H06C-TA	Ranger FD		6,485	6	T	108.0 × 2.806 × 4.5	K	BF	FD	CH	PH	13011-1961	
						2	108.0 × 2.5 × 4.5	TF	ST	FC	PH	PH			
						3	108.0 × 2.5 × 4.5	TF	SP	FD	CH	PH			
						O	108.0 × 5.0 × 4.65	2F		FD	CH	PH			
32261	2FAC	H06C-TI	Ranger		6,485	6	T	108.0 × 2.806 × 4.5	K	BF	FD	CH	PH	13011-3281A	
						2	108.0 × 2.5 × 4.5	TF	ST	FC	PH	PH			
						3	108.0 × 2.5 × 4.5	TF	SP	FC	CH	PH			
						O	108.0 × 4.0 × 4.25	2F		ST	CH	FE			

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32202	PS	DS50 DS60 DS80	Truck		7,982	6	T	110.0 × 3.0 × 4.5	TF		FC	CH	PH	13011-1230	
			TA14,14D,TC51				2	110.0 × 3.0 × 4.5	TF		FC	PH	PH	13011-1250	
			TH17,61,80,320,340D				3	110.0 × 3.0 × 4.5	TF	SP	FC	PH	PH	13011-1261	
			ZC34D,44D,ZH12D				O	110.0 × 4.5 × 3.5	1F		FC	CH	PH	13011-1650	
			Bus				O	110.0 × 4.5 × 4.5	1F		FC	PH	PH	13011-1680	
			BD15,15P,35,35P												13011-1830
			BG13,BH15 BT51,71,100H RB10,10P,120,120P												
32239	2F3PS	EH700 H07C	Ranger FD174,175,176		6,443	6	T	110.0 × 3.0 × 4.1	BF		ST	CH		13011-1610B	
			Ranger 4D,5D,7D				2	110.0 × 2.5 × 4.5	TF	ST	FC	PH	PH	13011-1620A	
			Truck				3	110.0 × 2.5 × 4.5	TF	SP	FC	CH	PH	13011-2070A	
			KL525,545,555,565,585				O	110.0 × 5.0 × 4.75	2F		ST	NT	NT	13011-2090	
			KR305,325,365,LB595												
			FD171,172,174,175,176 Bus RD300,301,RJ170,171,172 RL320												
32247	2FAC	H07C-T	Truck		6,728	6	T	110.0 × 2.81 × 3.9	K	BF	ST	NT	NT	13011-2672	
			FD, FG, SD, RR				2	110.0 × 2.0 × 4.1	TF		ST	NT	NT	13011-2671	
							3	110.0 × 2.5 × 4.5	TF	SP	FC	CH	PH		
							O	110.0 × 4.0 × 4.2	2F		ST	NT	NT		
32256	2FAC	H07C-T-N	Truck		6,728	6	T	110.0 × 2.81 × 3.9	K	BF	ST	NT	NT		
			FD,FG,SD,RR				2	110.0 × 2.0 × 4.1	TF		ST	NT	NT		
							3	110.0 × 2.0 × 4.1	TF	SP	FC	CH	PH		
							O	110.0 × 3.0 × 3.6	2F		ST	NT	NT		
32262	2FAC	H07C-T2	Ranger		6,728	6	T	110.0 × 2.81 × 3.9	K	BF	ST	NT	NT	13011-3470A	
							2	110.0 × 2.0 × 4.1	TF		ST	NT	NT	13011-3510A	
							3	110.0 × 2.0 × 4.1	TF		ST	NT	NT		
							O	110.0 × 4.0 × 4.2	2F		ST	NT	NT		
32254	2FAC	H07D	Ranger		7,412	6	T	110.0 × 3.0 × 4.1	BF		ST	CH	PH	13011-2651	
			FD,FG,GD				2	110.0 × 2.0 × 4.1	TF		ST	NT	NT	13011-2650	
							O	110.0 × 4.0 × 4.2	2F		ST	NT	NT	13011-2660	
32301	2FAC	H07D-2				6	T	110.0 × 3.0 × 4.35	BF		FD	CH	CH	13011-2651	
							2	110.0 × 2.0 × 4.5	TF	ST	FD	CH	CH		
							O	110.0 × 4.0 × 4.25	2F		ST	CH	FE		
32272	2FAC	J05D-TB	Ranger		5,000	4	T	112.0 × 2.5 × 4.1	BF		ST	NT	NT	13011-E190	
							2	112.0 × 2.0 × 4.1	TF		ST	NT	NT	S1304-E0150(cyl)	
							O	112.0 × 4.0 × 4.1	2F		ST	NT	NT		
32297	2FAC	J05D-TB	Ranger		5,000	4	T	112.0 × 2.5 × 4.1	BF		ST	NT	NT	13011-E190	
							2	112.0 × 2.0 × 4.1	TF		ST	NT	NT	S1304-E0150(cyl)	
							O	112.0 × 4.0 × 4.1	2F		ST	NT	NT		
1cyl/set															

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape	Material	Surface Treatment		Reference
									① ② ③		Outside	Upper/Lower	
32295	2FAC	J08ET	Ranger		7,684	6	T	112.0 × 2.5 × 4.1	BF	ST	NT	NT	S1301-92080
							2	112.0 × 2.0 × 4.1	TF	ST	NT	NT	
							O	112.0 × 4.0 × 4.1	2F	ST	NT	NT	
32284	2FAC	YL86				4	T	112.0 × 2.94 × 4.1	K BF	FD	CH	PH	13011-E0120
							2	112.0 × 2.0 × 4.1	TF	ST	NT	NT	S1304-E0070(cyl)
							O	112.0 × 4.0 × 4.1	2F	ST	NT	NT	
32271	2FAC	J05C	Ranger, Dutro Melpha, Liesse		5,307	4	T	114.0 × 2.5 × 4.1	BF	ST	NT	NT	13011-3880A
							2	114.0 × 2.0 × 4.1	TF	ST	NT	NT	13011-3940A
							O	114.0 × 4.0 × 4.1	2F	ST	NT	NT	13019-1010B(cyl) S1304-E0210
													13011-3221A 13019-1370A(cyl)
32298	2FAC	J05C	Ranger, Dutro Melpha, Liesse		5,307	4	T	114.0 × 2.5 × 4.1	BF	ST	NT	NT	13011-3880A
							2	114.0 × 2.0 × 4.1	TF	ST	NT	NT	13011-3940A
							O	114.0 × 4.0 × 4.1	2F	ST	NT	NT	13019-1010B(cyl) S1304-E0210
													13011-3221A 13019-1370A(cyl)
1cyl/set													
32270	2FAC	J05C-3	Ranger, Dutro Melpha, Liesse		5,307	4	T	114.0 × 3.0 × 4.5	BF	FD	CH	PH	13011-3391B
							2	114.0 × 2.0 × 4.1	TF	ST	NT	NT	13019-1380A(cyl)
							O	114.0 × 4.0 × 4.1	2F	ST	NT	NT	
32269	2FAC	J07C-3	Ranger		6,634	5	T	114.0 × 3.0 × 4.5	BF	ST	NT	NT	13011-3371B
							2	114.0 × 2.0 × 4.1	TF	ST	NT	NT	13011-3371A
							O	114.0 × 4.0 × 4.1	2F	ST	NT	NT	13019-1380A(cyl)
32300	2FAC	J08C-5				6	T	114.0 × 3.0 × 4.5	BF	FD	CH	PH	13011-2960
							2	114.0 × 2.0 × 4.1	TF	ST	NT	NT	
							O	114.0 × 4.0 × 4.1	2F	ST	NT	NT	
32302	2FAC	J08C-5				6	T	114.0 × 3.0 × 4.5	BF	FD	CH	PH	13011-2960
							2	114.0 × 2.0 × 4.1	TF	ST	NT	NT	
							O	114.0 × 4.0 × 4.1	2F	ST	NT	NT	
1cyl/set													
32263	2FAC	J08C	Selega Ranger Rainbow		7,961	6	T	114.0 × 2.5 × 4.1	BF	ST	NT	NT	13011-3570A
							2	114.0 × 2.0 × 4.1	TF	ST	NT	NT	13011-3820A
							O	114.0 × 4.0 × 4.15	2F	ST	NT	NT	13011-3890B 13019-1010B(cyl)
32268	2FAC	J08C-3	Selega Ranger Rainbow		7,961	6	T	114.0 × 3.0 × 4.5	BF	FD	CH	PH	13011-2960A
							2	114.0 × 2.0 × 4.1	TF	ST	NT	NT	13011-2961A
							O	114.0 × 4.0 × 4.1	2F	ST	NT	NT	13011-2962A 13019-1380A(cyl)
32294	2FAC	J08C-4				6	T	114.0 × 2.5 × 4.1	BF	ST	NT	NT	S1304-E0040
							2	114.0 × 2.0 × 4.1	TF	ST	NT	NT	
							O	114.0 × 4.0 × 4.2	2F	ST	NT	NT	
32259	2FAC	S05C			5,307	4	T	114.0 × 2.5 × 4.1	BF	ST	NT	NT	13011-3731A
							2	114.0 × 2.0 × 4.1	TF	ST	NT	NT	13011-78031
							O	114.0 × 4.0 × 4.15	2F	ST	NT	NT	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32285	2FAC	S05D				4	T	114.0 × 2.5 × 4.1	BF		ST	NT	NT	S1301-14070-B	
							2	114.0 × 2.0 × 4.1	TF		ST	NT	NT	S1301-91910-B(cyl)	
							O	114.0 × 4.0 × 4.1	2F		ST	NT	NT		
32215	PS	EB100	Truck		9,036	6	T	115.0 × 3.5 × 4.7	TF		FD	CH	PH	13011-1300	
							2	115.0 × 3.0 × 4.6	TF		FC	PH	PH	13011-1310	
		EB200	KB100D,120,300D,320 340,360,380 Bus	3	115.0 × 3.0 × 4.6	TF SP		FC	PH	PH	13011-1690				
				O	115.0 × 5.0 × 4.6	1F		FD	CH	PH	13011-1780				
				O	115.0 × 5.0 × 4.6	1F		FC	PH	PH					
32230	2F	EL100	Truck		7,862	6	T	116.0 × 3.0 × 4.8	BF		FD	CH	PH	13011-1700	
							2	116.0 × 2.5 × 4.8	TF BT		FC	PH	PH	13011-1710	
							3	116.0 × 2.5 × 4.8	TF SP		FC	CH	PH		
							O	116.0 × 5.0 × 4.65	2F		FC	CH	PH		
32208	DW	DK10,20 (OLD) (NEW) (TURBO)	Truck		10,178	6	T	120.0 × 3.5 × 4.6	BF		FD	CH	PH	3311-1205-05	
							2	120.0 × 3.5 × 4.6	TF BT		FC	PH	PH	13011-1200	
							3	120.0 × 3.5 × 4.6	TF SP		FC	PH	PH	13011-1270	
							O	120.0 × 5.0 × 4.55	2F		FC	CH	PH	13011-1280A	
							O	120.0 × 5.0 × 4.6	1F		FD	CH	PH	13011-1290	
32217	2FPS	EB300	Truck		9,838	6	T	120.0 × 3.5 × 4.6	BF		FD	CH	PH	13011-1330	
							2	120.0 × 3.5 × 4.6	TF BT		FC	PH	PH	13011-1720	
							3	120.0 × 3.5 × 4.6	TF SP		FC	PH	PH	13011-1730A	
							O	120.0 × 6.0 × 5.3	2F		FC	CH	PH	3334-1205-09	
								BG100,HE320,KH120 KB112D,304D,394,721 ZT300,320 Bus							
								RF300,320,400,420							
32231	2F	EB400	Bus		9,838	6	T	120.0 × 3.306 × 4.6	K BF		FD	CH	PH	13011-1630	
							2	120.0 × 3.0 × 4.6	TF		FC	PH	PH	13011-1640A	
							3	120.0 × 3.0 × 4.6	TF SP		FC	CH	PH		
							O	120.0 × 6.0 × 5.5	2F		FC	CH	PH		
32282	2FAC	EP100	Super Dolphin		8,821	6	T	120.0 × 3.306 × 4.8	BF		FD	CH	PH	13011-2760	
							2	120.0 × 2.806 × 4.8	TF BT		FD	CH	PH	13011-1952	
							3	120.0 × 2.5 × 4.8	TF SP		FC	CH	PH		
							O	120.0 × 5.0 × 4.6	2F		ST	CH	FE		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference					
									①	②	③		Outside	Upper/Lower						
32264	2FAC	P11C P11B-TI YF67 YK15 YJ70	Blue Ribbon Super Dolphin Profia		10,520	6	T	122.0 × 3.306 × 4.4	K	BF	FD	CH	PH	13011-3110A						
							2	122.0 × 2.306 × 4.8	K	TF	FC	CH	PH	13011-3111A						
							3	122.0 × 2.0 × 4.8		TF SP	FC	CH	PH	13011-3112A						
							O	122.0 × 4.0 × 4.65	2F		ST	NT	NT	13011-3114A 13011-3114B 13011-3114C 13011-3800A 13011-3810A 13011-3811A 13011-3830A 13011-3870A 13011-3870A 13019-1030B(cyl) 13019-1510A 13019-1520A(cyl)						
							32283	2FAC	EM100	Super Dolphin	9,419	6	T	124.0 × 2.806 × 5.0	K	BF	FD	CH	PH	13011-1921A
							2	124.0 × 2.5 × 5.0		TF BT	FC	CH	PH	13011-1931						
							3	124.0 × 3.0 × 5.0		TF SP	FC	CH	PH	13019-1540A(cyl)						
							O	124.0 × 5.0 × 5.05	2F		ST	CH	FE							
							32275	2FAC	M10-U	Blue ribbon HU	9,880	6	T	127.0 × 3.306 × 5.2	K	BF BT	FD	CH	PH	13011-2870
							2	127.0 × 3.0 × 5.0		TF	FC	CH	PH	13011-2250						
3	127.0 × 3.0 × 5.2		TF SP	FC	CH	PH														
O	127.0 × 5.0 × 5.3	2F		ST	CH	FE														
32218	2FPS	ED100	Truck	11,581	6	T	128.0 × 3.5 × 4.8		BF	FD	CH	PH	13011-1470							
			KB500,8G150D,ZM102			2	128.0 × 3.5 × 4.8		TF BT	FC	PH	PH	13011-1480							
			KF300D,320,340,355			3	128.0 × 3.5 × 4.8		TF SP	FC	PH	PH	13011-1660							
			360,365,380,385,390			O	128.0 × 6.0 × 5.5	2F		FC	CH	PH	13011-1670A							
			TC302,322,342,362,382,921 WP320 HE335,HH130,ZC120,150 ZG150D,ZH110D,ZR300									3400-1205-09								
32219	2FPS	EF100 EF100T	Truck	13,804	8	T	130.0 × 3.306 × 5.2	K	BF	FD	CH	PH	13011-1180A							
			HE340,345,346			2	130.0 × 3.5 × 5.4		TF BT	FC	PH	PH	13011-1570A							
			TC701D,721,741,761,781			3	130.0 × 3.5 × 5.4		TF SP	FC	PH	PH	13011-1580							
			KF702S,722,742,762,765			O	130.0 × 6.0 × 5.1	2F		FC	CH	PH	13011-1590							
			782,785,792 ZM102D,301D,341,703D 743,763 KA340,KF701D,HH340 HK340 Bus RV730P,750P									3391-1205-04								

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference	
									①	②	③		Outside	Upper/Lower		
32225	2F3PS	EF300 EF350	Truck		14,232	8	T	132.0 × 3.3 × 5.2	K	BF		FD	CH	PH	13011-1091A,B	
			KF703D,704,706,746,766				2	132.0 × 3.5 × 5.4		TF	BT		FC	PH	PH	13011-1100
			767,783,786,796,798				3	132.0 × 3.5 × 5.4		TF	SP		FC	CH	PH	13011-1101
			KS341,TC702D				O	132.0 × 6.0 × 5.4	2F				FC	CH	PH	
			ZM704D,705D,745,764,765													
			Bus													
			RS120,RV761													
32220	2FPS	EG100 EF500	Truck		14,886	8	T	135.0 × 3.306 × 5.4	K	BF		FD	CH	PH	13011-1131B	
			KB500D,KS320,HE330		15,459		2	135.0 × 3.5 × 5.4		TF	BT		FC	PH	PH	13011-1141
			350,355				3	135.0 × 3.5 × 5.4		TF	SP		FC	PH	PH	13011-1142
			TC541,561,921,WB300				O	135.0 × 6.0 × 5.1	2F				FC	CH	PH	13011-1460
			ZM500D,540,560,580													13011-2150
			Bus											13011-2160		
			KF585,WP325													
			RV530P,540P,541,550P,561P													
			RS360P													
32251	2FAC	K13C	Truck		12,882	6	T	135.0 × 3.306 × 5.4	K	BF		FD	CH	PH	13011-2410	
			FS,FR,FN				2	135.0 × 3.5 × 5.4		TF	BT		FD	CH	CH	13019-1580A
							3	135.0 × 3.5 × 5.4		TF	SP		FC	CH	PH	
							O	135.0 × 6.0 × 5.55	2F				ST	CH	FE	
32250	2FAC	K13C-TE	Truck		12,882	6	T	135.0 × 3.306 × 5.4	K	BF		FD	CH	PH	13011-3590	
			FS,FR,FN				2	135.0 × 3.5 × 5.4		TF	BT		FD	CH	CH	
							3	135.0 × 3.5 × 5.4		TF	SP		FC	CH	PH	
							O	135.0 × 5.0 × 5.05	2F				ST	CH	FE	
32226	2F	EK100 EK130T EK200	Truck		13,267	6	T	137.0 × 3.306 × 5.4	K	BF		FD	CH	PH	13011-1010	
							2	137.0 × 3.5 × 5.4		TF	BT		FD	PH	PH	13011-1011
			KB501D,KF301,391				3	137.0 × 3.5 × 5.4		TF	SP		FC	CH	PH	13011-1021B
			KS321,341,391				O	137.0 × 6.0 × 5.45	2F				FC	CH	PH	13011-1610A(cyl)
			TC303D,343,362,363,383,922													13011-2210A
			ZC101,121,ZM303,ZR255											13011-2221A		
			WD300											13011-3750B		
32292	2F	EK100 EK130T EK200	Truck		13,267	6	T	137.0 × 3.306 × 5.4	K	BF		FD	CH	PH	13011-1010	
						8	2	137.0 × 3.5 × 5.4		TF	BT		FD	PH	PH	13011-1011
			KB501D,KF301,391				3	137.0 × 3.5 × 5.4		TF	SP		FC	CH	PH	13011-1021B
			KS321,341,391				O	137.0 × 6.0 × 5.45	2F				FC	CH	PH	13011-1610A(cyl)
			TC303D,343,362,363,383,922													13011-2210A
			ZC101,121,ZM303,ZR255											13011-2221A		
			WD300											13011-3750B		
1cyl/set																
32227	2F	EF700 EF750	Truck		15,920	8	T	137.0 × 3.306 × 5.4	K	BF		FD	CH	PH	13011-1111	
			HE366,HH341,TC562				2	137.0 × 3.5 × 5.4		TF	BT		FC	PH	PH	13011-1121B
			ZM500,940				3	137.0 × 3.5 × 5.4		TF	SP		FC	CH	PH	13011-1122
							O	137.0 × 6.0 × 5.4	2F				FC	CH	PH	13011-2170B
														13011-2180		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32233	2F	EV700	Truck HE526,HH541,TC562,WP330		19,900	10	T	137.0 × 3.306 × 5.4	K	BF	FD	CH	PH	13011-1740	
							2	137.0 × 3.5 × 5.4	TF	BT	FC	PH	PH	13011-1741	
							3	137.0 × 3.5 × 5.4	TF	SP	FC	CH	PH	13011-1751	
							O	137.0 × 6.0 × 5.4	2F		FC	CH	PH	13011-2200A 13019-1610A(cyl)	
1cyl/set															
32253	2FAC	K13D	Truck		13,267	6	T	137.0 × 3.306 × 5.4	K	BF	FD	CH	PH	13011-2970	
							2	137.0 × 3.5 × 5.4	TF	BT	FD	CH	PH	13011-2990	
							3	137.0 × 3.5 × 5.4	TF	SP	FC	CH	PH	13011-2991	
							O	137.0 × 5.0 × 5.34	2F		ST	CH	FE		
32293	2FAC	K13D	Truck		13,267	6	T	137.0 × 3.306 × 5.4	K	BF	FD	CH	PH	13011-2970	
							2	137.0 × 3.5 × 5.4	TF	BT	FD	CH	PH	13011-2990	
		F17D	FS,FR,FN		8	2	137.0 × 3.5 × 5.4	TF	BT	FD	CH	PH	13011-2990		
						3	137.0 × 3.5 × 5.4	TF	SP	FC	CH	PH	13011-2991		
1cyl/set															
32248	2FAC	F17C	FS,FR,RU		17,238	8	T	139.0 × 3.306 × 5.4	K	BF	FD	CH	PH	13011-3150	
							2	139.0 × 3.5 × 5.5	TF	BT	FD	CH	PH	13011-2810	
		F17E	FN,FW,SH		8	3	139.0 × 3.5 × 5.5	TF	SP	FC	CH	PH	13011-2820		
						O	139.0 × 5.0 × 5.1	2F		ST	CH	FE	13011-3160 13019-1700A		
32279	2FAC	F17C	FS,FR,RU		17,238	8	T	139.0 × 3.306 × 5.4	K	BF	FD	CH	PH	13011-3150	
							2	139.0 × 3.5 × 5.5	TF	BT	FD	CH	PH	13011-2810	
		F17E	FN,FW,SH		8	3	139.0 × 3.5 × 5.5	TF	SP	FC	CH	PH	13011-2820		
						O	139.0 × 5.0 × 5.1	2F		ST	CH	FE	13011-3160 13019-1700A		
1cyl/set															
32274	2FAC	F17-2				8	T	139.0 × 3.306 × 5.4	K	BF	FD	CH	PH	AA92A-11120	
							2	139.0 × 3.5 × 5.5	TF	BT	FD	CH	PH		
							3	139.0 × 3.5 × 5.5	TF	SP	FC	CH	PH		
							O	139.0 × 4.0 × 4.3	2F		ST	NT	NT		
32252	2FAC	F20C	Truck FS,FR,FO,FN,FW FY,SH,RU		19,688	8	T	146.0 × 3.306 × 5.6	K	BF	FD	CH	PH	13011-2792	
							2	146.0 × 3.5 × 5.6	TF	BT	FD	CH	PH		
							3	146.0 × 3.5 × 5.7	TF	SP	FC	CH	PH		
							O	146.0 × 5.0 × 5.05	2F		ST	CH	FE		
32267	2FAC	F20C	Super Dolphin		19,688	8	T	146.0 × 3.306 × 5.6	K	BF	FD	CH	PH	13011-2792A	
							2	146.0 × 3.5 × 5.6	TF	BT	FD	CH	PH	13011-2980A	
		V25C	PROFIA : SS		24,610	10	3	146.0 × 3.5 × 5.7	TF	SP	FC	CH	PH	13011-2981A	
							O	146.0 × 5.0 × 5.05	2F		ST	CH	FE	13011-3250A 13019-1710A(cyl)	
1cyl/set															
32278	2F	F20C-E	Ranger Truck Super Dolphin PROFIA:FS		19,688	8	T	146.0 × 3.306 × 5.6	K	BF	FD	CH	PH	13011-3320A	
							2	146.0 × 3.0 × 5.6	TF	BT	FD	CH	PH	13019-1720A(cyl)	
							3	146.0 × 3.0 × 5.7	TF	SP	FC	CH	PH		
							O	146.0 × 4.0 × 4.4	2F		ST	NT	NT		
1cyl/set															

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	
32276	2F	F21C YJ08 V26C	Selga	Super Dolphin	20,781	8	T	150.0 × 3.306 × 5.5	K	BF		FD	CH	PH	13011-3310A
						10	2	150.0 × 3.0 × 5.8		TF	BT	FD	CH	PH	13011-3450A
							3	150.0 × 3.0 × 5.8		TF	SP	FC	CH	PH	13019-1730A(cyl)
							O	150.0 × 4.0 × 4.2	2F		ST	NT	NT		
1cyl/set															

MOTORTEILE.RU

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape ① ② ③	Material	Surface Treatment		Reference
											Outside	Upper/Lower	
32333	3F	N360	N360 TN360		354	2	T	62.5 × 1.5 × 2.8	TF	FC	CH	PH	13011-567-325/cyl
							2	62.5 × 1.5 × 2.8	TF	FC	PH	PH	13011-601-000/cyl
							O	62.5 × 2.5 × 2.75	3F	ST	CH	PH	
32405	3F	E07A				3	T	66.0 × 1.0 × 2.6	BF BT	ST	CH	FE	13011-P36-003
							2	66.0 × 1.2 × 2.6	TF	FC	PH	PH	
							O	66.0 × 2.8 × 2.55	3F	ST	CH	PH	
32401	3F	E07Z				3	T	66.0 × 1.2 × 2.3	BF	ST	CH	FE	13011-PDF-004
							2	66.0 × 1.2 × 2.8	TF	FC	PH	PH	
							O	66.0 × 2.8 × 2.55	3F	ST	CH	PH	
32408	3F	PFB	ACTY			3	T	66.0 × 1.2 × 2.3	BF BT	ST	NT	NT	13011-PFB-003
							2	66.0 × 1.2 × 2.6	TF	FC	PH	PH	13011-PFB-J01
							O	66.0 × 2.8 × 2.55	3F	ST	CH	PH	
32409	3F	PZ3	ACTY			3	T	66.0 × 1.2 × 2.4	BF BT	ST	CH	PH	13011-PZ3-003
							2	66.0 × 1.2 × 2.6	TF	FC	PH	PH	
							O	66.0 × 2.8 × 2.5	3F	ST	CH	PH	
32345	3F	EB1	CIVIC 1200 EB1,SB1 New CIVIC		1,169	4	T	70.0 × 1.5 × 2.8	TF	FC	CH	PH	13011-634-003/cyl
							2	70.0 × 1.5 × 2.8	TF	FC	PH	PH	13011-634-004/cyl
							O	70.0 × 2.8 × 2.75	3F	ST	CH	PH	13011-634-013/cyl 13011-634-305/cyl
32363	3F	EB3	New CIVIC 1200		1,169	4	T	70.0 × 1.5 × 3.0	BF	FC	CH	PH	13011-634-631/cyl
							2	70.0 × 1.5 × 3.3	TF	FC	PH	PH	13011-PB0-004/cyl
							O	70.0 × 4.0 × 3.25	3F	ST	CH	PH	
32346	3F	EB5	145 Coupe CD,H1400		1,433	4	T	72.0 × 1.5 × 3.4	TF	FC	CH	PH	13011-642-003/cyl
							2	72.0 × 1.5 × 3.4	TF	FC	PH	PH	13011-642-004/cyl
							O	72.0 × 2.8 × 2.95	3F	ST	CH	FE	13011-642-305/cyl
32358	3F	EH	TN-Acty,Acty-Van VD,TA,TB		545	2	T	72.0 × 1.5 × 3.4	TF	FC	CH	PH	13011-679-014/cyl
							2	72.0 × 1.5 × 3.4	TF	FC	PH	PH	13011-679-621/cyl
							O	72.0 × 4.0 × 3.2	3F	ST	CH	PH	
32355	3F	EJ EN	CIVIC 1200,1300 E-SL,E-SS,PAI,5,L-VE Ballade 1300 CIVIC Van J-VC,SC,SF,SV		1,335	4	T	72.0 × 1.5 × 3.3	BF	FD	CH	PH	13011-673-000/cyl
							2	72.0 × 1.5 × 3.4	TF	FC	PH	PH	13011-695-004/cyl
							O	72.0 × 4.0 × 3.15	3F	ST	CH	PH	13011-PA0-004/cyl 13011-PA1-004/cyl 13011-PA5-004/cyl
32359	3F	EJ-2	CIVIC,CIVIC Van Ballade		1,335	4	T	72.0 × 1.0 × 2.8	BF	ST	CH	FE	13011-PA5-014/cyl
							2	72.0 × 1.2 × 3.1	TF	FC	PH	PH	13011-PA5-024/cyl
							O	72.0 × 2.8 × 2.95	3F	ST	CH	FE	13011-PA5-034/cyl
32414	3F	RB1	Fit		1,500	4	T	73.0 × 1.0 × 2.3	BF BT	ST	NT	NT	13011-RB1-004
							2	73.0 × 1.0 × 2.3	TF SP	ST	FE	FE	
							O	73.0 × 2.0 × 2.15	3F	ST	NT	NT	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32397	3FAC	REA	Fit, City		1,300	4	T	73.0 × 1.0 × 2.3	BF	BT	ST	NT	NT	13011-REA-F01/cyl	
							2	73.0 × 1.2 × 3.0	TF		FC	CH	PH		
							O	73.0 × 2.8 × 2.6	3F		ST	NT	NT		
32398	3F	REA-2 LDA-MF3	Fit, City		1,300	4	T	73.0 × 1.0 × 2.25	BF	BT	ST	CH	PH	13011-REA-Z01	
							2	73.0 × 1.2 × 3.0	TF	SP	FC	PH	PH	13011-PWA-G01	
							O	73.0 × 2.0 × 2.2	3F		ST	CH	PH	13011-PWC-J01	
32347	3F	EC	CIVIC 1500,SE CIVIC Van,VB		1,488	4	T	74.0 × 1.5 × 3.2	TF		FC	CH	PH	13011-657-004/cyl	
							2	74.0 × 1.5 × 3.2	TF		FC	PH	PH	13011-657-315/cyl	
							O	74.0 × 2.8 × 2.95	3F		ST	CH	PH	13011-657-604/cyl	
32351	3F	ED EF EE EV EW EM	CIVIC 1500,WD ACCORD 1600,SJ Ballade 1500,SG,SH,ST		1,488 1,599	4	T	74.0 × 1.5 × 3.2	BF		FC	CH	PH	13011-657-670/cyl	
							2	74.0 × 1.5 × 3.2	TF		FC	PH	PH	13011-657-673/cyl	
							O	74.0 × 4.0 × 3.25	3F		ST	CH	FE	13011-657-671/cyl	
														13011-671-000/cyl	
														13011-671-004/cyl	
														13011-PA6-004/cyl	
32364	3F	EM-2 EF-2	CIVIC,PA6 Ballade 1500		1,488	4	T	74.0 × 1.2 × 2.8	BF		ST	CH	FE	13011-PA6-014/cyl	
							2	74.0 × 1.2 × 3.2	TF		FC	CH	PH		
							O	74.0 × 2.8 × 2.95	3F		ST	CH	PH		
32362	3FAC	EW EV	CIVIC Ballade		1,488 1,342	4	T	74.0 × 1.5 × 2.9	BF		FD	CH	PH	13011-PE3-004/cyl	
							2	74.0 × 1.5 × 3.2	TF		FC	CH	PH		
							O	74.0 × 4.0 × 3.25	3F		ST	NT	PH		
32407	3F	P04 D15B7	Partner DOMANI CIVIC		1,493	4	T	75.0 × 1.2 × 2.8	BF		ST	CH	PH	13011-P04-G02	
							2	75.0 × 1.5 × 3.2	TF		FC	PH	PH		
							O	75.0 × 2.8 × 2.85	3F		ST	CH	PH		
32375	3F	D16 PM0	CIVIC DOMANI CR-X		1,600	4	T	75.0 × 1.2 × 2.75	BF		ST	NT	NT	13011-PM0-B02/cyl	
							2	75.0 × 1.5 × 3.2	TF	SP	FC	CH	PH	13011-PM0-B03/cyl	
							O	75.0 × 4.0 × 2.85	3F		ST	NT	PH		
32381	3F	P08	CIVIC		1,500	4	T	75.0 × 1.0 × 2.6	BF	BT	ST	CH	PH	13011-P07-004/cyl	
							2	75.0 × 1.2 × 3.0	TF	SP	FC	PH	PH	13011-P08-004/cyl	
							O	75.0 × 2.8 × 2.5	3F		ST	CH	PH		
32376	3F	ZC D16A	CIVIC		1,600	4	T	75.0 × 1.2 × 2.75	BF		ST	NT	NT	13011-PM5-G02/cyl	
							2	75.0 × 1.5 × 3.2	TF	SP	FC	CH	PH	13011-PM6-G02/cyl	
							O	75.0 × 2.8 × 2.6	3F		ST	NT	PH		
32400	3F	D17A1	CIVIC,Steam		1,668	4	T	75.0 × 1.0 × 2.6	BF	BT	ST	CH	PH	13011-PLM-A00	
							2	75.0 × 1.2 × 3.0	TF		FC	PH	PH	13011-PLR-A00	
							O	75.0 × 2.0 × 2.45	3F		ST	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32357	3FBC	EK	ACCORD 1800,SM,SZ	1,750	4	T	77.0 × 1.5 × 3.3	BF	FC	CH	CH	13011-676-601/cyl			
						2	77.0 × 1.5 × 3.3	TF SP	FC	PH	PH	13011-676-602/cyl			
						O	77.0 × 4.0 × 3.25	3F	ST	NT	PH	13011-676-604/cyl			
			Prelude 1800,SN	1,601	EP	ACCORD 1600,SV	4	4	O	77.0 × 4.0 × 3.25	3F	ST	NT	PH	13011-676-642/cyl
															13011-676-005/cyl
															13011-689-013/cyl
															13011-689-015/cyl
			Quint 1600	4	EP	1,601	4	4	O	77.0 × 4.0 × 3.25	3F	ST	NT	PH	13011-PB1-003/cyl
															13011-PB2-005/cyl
		13011-PC3-601/cyl													
		13011-PC3-603/cyl													
		13011-PC4-601/cyl													
		32360	3FACBC	ES EY	ACCORD	1,829	4	T	80.0 × 1.5 × 3.4	BF	FD	CH	CH	13011-PC6-004/cyl	
Prelude	1,598				2	80.0 × 1.5 × 3.4	TF	FC	CH	PH	13011-PC6-013/cyl				
					O	80.0 × 4.0 × 3.25	3F	ST	NT	NT	13011-PC7-023/cyl				
32367	3F	A18A ES,EY-2 PH2	ACCORD,CA1	1,829	4	T	80.0 × 1.2 × 3.2	BF	ST	CH	PH	13011-PD4-003/cyl			
			Prelude,AB		2	80.0 × 1.2 × 3.3	TF	FC	PH	PH	13011-PH2-901/cyl				
					O	80.0 × 2.8 × 2.8	3F	ST	CH	PH	13011-PH2-902/cyl				
32391	3F	B16,B18 PR3 PR4	Integra	1,600	4	T	81.0 × 1.0 × 3.05	BF BT	ST	CH	FE	13011-PR3-003/cyl			
					2	81.0 × 1.2 × 3.3	TF SP	FC	PH	PH	13011-PR3-004/cyl				
					O	81.0 × 2.8 × 2.55	3F	ST	CH	PH	13011-PR4-A01/cyl				
32368	3F	B20A	ACCORD 2000,CA3	1,958	4	T	81.0 × 1.2 × 2.8	BF	ST	CH	PH	13011-PH3-003/cyl			
			Prelude 2000,BA1		2	81.0 × 1.5 × 3.4	TF	FC	PH	PH	13011-PH3-901/cyl				
		B18A	ACCORD 1800,CA2	1,834	O	81.0 × 2.8 × 2.9	3F	ST	NT	PH	13011-PH5-003/cyl				
32402	3F	RNA R18A1	CIVIC		4	T	81.0 × 1.2 × 2.45	BF BT	ST	CH	FE	13011-RNA-A01			
					2	81.0 × 1.2 × 3.3	TF SP	FC	PH	PH	13011-RNA-A02				
					O	81.0 × 2.0 × 2.45	3F	ST	CH	PH					
32411	3F	RZP	ACCORD	2,000	4	T	81.0 × 1.2 × 2.45	BF BT	ST	CH	PH	13011-RZP-003			
			CR-V		2	81.0 × 1.2 × 3.4	TF SP	FC	PH	PH	13011-RZP-004				
					O	81.0 × 2.0 × 2.5	3F	ST	NT	NT					
32392	3F	PV0	Ascot	2,000	4	T	82.0 × 1.2 × 3.05	BF	ST	CH	PH	13011-PV0-003/cyl			
			Sabar		2	82.0 × 1.2 × 3.3	TF	FC	PH	PH	13011-PV0-004/cyl				
			Inspire		O	82.0 × 2.8 × 2.75	3F	ST	CH	PH	13011-PV0-013/cyl				
32370	3F	A20A	ACCORD 2000	2,000	4	T	82.7 × 1.5 × 3.2	BF	ST	CH	PH	13011-PH4-003/cyl			
					2	82.7 × 1.5 × 3.4	TF	FC	PH	PH	13011-PH4-601/cyl				
					O	82.7 × 4.0 × 3.2	3F	ST	CH	PH	13011-PH4-602/cyl				

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32388	3FAC	A20A-2	Prelude		2,000	4	T	82.7 × 1.5 × 3.1	BF		ST	NT	NT	13011-PH4-751	
							2	82.7 × 1.5 × 3.4	TF		FC	PH	PH		
							O	82.7 × 4.0 × 3.25	3F		ST	CH	PH		
32387	3F	B20B P3F	CR-V,SMX Stepwgn,Orthia		1,972	4	T	84.0 × 1.2 × 3.1	BF BT		ST	CH	FE	13011-P3F-003/cyl	
							2	84.0 × 1.2 × 3.4	TF		FC	PH	PH		
							O	84.0 × 2.8 × 2.6	3F		ST	CH	PH		
32372	3F	C25A-2	Legend 2500		2,493	6	T	84.0 × 1.2 × 3.1	BF BT		ST	CH	FE	13011-PH7-003/cyl	
							2	84.0 × 1.2 × 3.4	TF		FC	PH	PH		
							O	84.0 × 4.0 × 3.15	3F		ST	CH	PH		
32396	3F	PHK	CR-V		2,000	4	T	84.0 × 1.2 × 3.1	BF BT		ST	CH	PH	13011-PHK-003/cyl	
							2	84.0 × 1.2 × 3.4	TF SP		FC	PH	PH		
							O	84.0 × 2.8 × 2.6	3F		ST	CH	PH		
32374	3F	F20A	ACCORD 2000		1,997	4	T	85.0 × 1.2 × 3.1	BF		ST	CH	PH	13011-PT0-B01/cyl	
							2	85.0 × 1.2 × 3.4	TF		FC	PH	PH	13011-PT0-B02/cyl	
							O	85.0 × 2.8 × 2.6	3F		ST	NT	PH		
32378	3F	F22A PT4 F22B	ACCORD		2,200	4	T	85.0 × 1.2 × 3.1	BF		ST	CH	PH	13011-PT4-X01/cyl	
							2	85.0 × 1.2 × 3.4	TF		FC	PH	PH	13011-PT4-X02/cyl	
							O	85.0 × 2.8 × 2.6	3F		ST	NT	PH	13011-PT4-X03/cyl 13011-PT4-X04/cyl	
32383	3F	F22B F20B F18B	ACCORD,Prelude		2,156	4	T	85.0 × 1.2 × 3.1	BF		ST	CH	PH	13011-POA-004/cyl	
					1,997	2	85.0 × 1.2 × 3.4	TF		FC	PH	PH	13011-PT2-003/cyl		
					1,849	O	85.0 × 2.8 × 2.6	3F		ST	NT	PH	13011-PT2-004/cyl		
32417	2FAC	N22A1				4	T	85.0 × 2.5 × 2.75	K BF		ST	NT	NT	13011-RL0-G00	
							2	85.0 × 1.5 × 2.7	TF SP		ST	NT	NT	13012-RL0-G00	
							O	85.0 × 2.0 × 2.75	2F		ST	NT	NT		
32386	3F	P1R D0A	Sabar,ACCORD		2,200	4	T	85.0 × 1.2 × 3.1	BF		ST	CH	PH	13011-PT0-B04/cyl	
			Prelude		2,500	2	85.0 × 1.2 × 3.4	TF		FC	PH	PH			
						O	85.0 × 2.8 × 2.6	3F		ST	NT	NT			
32416	3F	P1R				4	T	85.0 × 1.2 × 3.05	BF BT		ST	CH	PH	13011-P1R-003	
							2	85.0 × 1.2 × 3.4	TF		FC	PH	PH		
							O	85.0 × 2.8 × 2.85	3F		ST	CH	PH		
32394	3F	PCB	ACCORD		2,000	4	T	85.0 × 1.2 × 3.1	BF		ST	CH	PH	13011-PCB-003/cyl	
							2	85.0 × 1.2 × 3.4	TF		FC	PH	PH		
							O	85.0 × 2.8 × 2.6	3F		ST	NT	PH		
32380	2FAC	PT1CA	ACCORD		2,000	4	T	85.0 × 1.2 × 3.15	BF		ST	NT	PH	13011-PT1-M02/cyl	
					2,200	2	85.0 × 1.2 × 3.4	TF		FC	CH	PH	13011-PT1-505		
						O	85.0 × 3.0 × 3.67	2F		ST	NT	NT			
32384	3F	PAA F23A	ODYSSEY			4	T	86.0 × 1.2 × 2.7	BF		ST	NT	NT	13011-PAA-Y01/cyl	
							2	86.0 × 1.2 × 3.1	TF SP		FC	PH	PH	13011-PN8-P01	
							O	86.0 × 2.8 × 2.9	3F		ST	CH	PH		
32395	3F	PEA	ODYSSEY		2,300	4	T	86.0 × 1.2 × 2.7	BF		ST	NT	NT	13011-PEA-003/cyl	
							2	86.0 × 1.2 × 3.1	TF SP		FC	PH	PH		
							O	86.0 × 2.8 × 2.9	3F		ST	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	
32410	3F	PNA	STEP WAGON			4	T	86.0 × 1.2 × 2.5	BF		ST	CH	PH	13011-PNA-013	
								86.0 × 1.2 × 3.4	TF		FC	PH	PH		
								86.0 × 2.0 × 2.5	3F		ST	CH	PH		
32399	3F	PNE K20A1	CIVIC CR-V		1,998	4	T	86.0 × 1.2 × 3.05	BF		ST	CH	PH	13011-PNE-G02	
								86.0 × 1.2 × 3.4	TF		FC	PH	PH		
								86.0 × 2.0 × 2.5	3F		ST	PV	PH		
32390	3F	PVB	Prelude		2,000	4	T	86.0 × 1.2 × 2.7	BF		ST	NT	NT	13011-PVB-003/013	
								86.0 × 1.2 × 3.1	TF SP		FC	PH	PH		
								86.0 × 2.8 × 2.9	3F		ST	CH	PH		
32403	3F	J30A4	ACCORD(2003-2007)			6	T	86.0 × 1.2 × 3.05	BF		ST	CH	PH	13011-RCA-A01	
								86.0 × 1.2 × 3.4	TF		FC	PH	PH		
								86.0 × 2.8 × 2.85	3F		ST	CH	PH		
32373	3F	C27A	Legend 2700		2,675	6	T	87.0 × 1.2 × 3.2	BF BT		ST	CH	FE	13011-PL2-003/cyl	
								87.0 × 1.2 × 3.5	TF BT		FC	PH	PH		
								87.0 × 4.0 × 3.15	3F		ST	CH	PH		
32404	3F	K24A4	ACCORD(2003)			4	T	87.0 × 1.2 × 3.1	BF BT		ST	NT	NT	13011-RAF-S01	
								87.0 × 1.2 × 3.4	TF SP		FC	PH	PH		
								87.0 × 2.8 × 2.75	3F		ST	CH	PH		
32393	3FAC	P13 P14	ACCORD Prelude		2,200	4	T	87.0 × 1.2 × 3.15	BF BT		ST	NT	NT	13011-P13-003/cyl	
								87.0 × 1.2 × 3.2	TF SP		FD	CH	PH		
								87.0 × 2.8 × 2.65	3F		ST	NT	NT		
32406	3F	RAD PPA	CR-V			4	T	87.0 × 1.2 × 3.1	BF BT		ST	NT	NT	13011-RAD-004 13011-PPA-004	
								87.0 × 1.2 × 3.4	TF SP		FC	PH	PH		
								87.0 × 2.0 × 2.45	3F		ST	CH	PH		
32389	3FAC	P5M	Prelude		2,200	4	T	87.0 × 1.2 × 3.15	BF BT		ST	NT	NT	13011-P5M-003/013	
								87.0 × 1.2 × 3.2	TF SP		FD	CH	PH		
								87.0 × 2.8 × 2.65	3F		ST	NT	NT		
32413	3F	R70	ACCORD		3,500	6	T	89.0 × 1.2 × 3.05	BF BT		ST	CH	PH	13011-R70-A01	
								89.0 × 1.2 × 3.6	TF		FC	PH	PH		
								89.0 × 2.8 × 2.85	3F		ST	CH	PH		
32385	3FAC	C32A	NSX		3,179	6	T	90.0 × 1.2 × 3.3	BF		ST	NT	NT	13011-PY3-003/cyl 13011-PY3-004/cyl 13011-PY3-Y01/cyl 13011-PY3-Y02/cyl	
								90.0 × 1.2 × 3.6	TF		FC	CH	PH		
								90.0 × 2.8 × 2.85	3F		ST	CH	PH		
32415	3F	PY3				4	T	90.0 × 1.2 × 3.3	BF BT		ST	CH	PH	13011-PY3-003	
								90.0 × 1.2 × 3.6	TF		FC	PH	PH		
								90.0 × 2.8 × 2.65	3F		ST	NT	NT		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	

ISUZU

32586	2F	3KB1 3KA1	For Industrial Machine		877	3	T	70.0 × 2.0 × 3.2	BF	FC	CH	PH	8-94411-305-0/cyl					
								2						70.0 × 1.5 × 3.2	TF	FC	PH	PH
								O						70.0 × 3.5 × 3.45	2F	ST	CH	FE
1cyl/set																		
32620	2F	3LA1	For Industrial Machine			3	T	70.0 × 2.0 × 2.8	BF	FD	CH	CH	8-97048-921-0/cyl					
								2						70.0 × 1.5 × 3.1	TF SP	FC	PH	PH
								O						70.0 × 3.5 × 3.5	2F	ST	CH	FE
1cyl/set																		
32588	2F	3KC1	For Industrial Machine			3	T	74.0 × 2.0 × 3.2	BF	FC	CH	PH	8-94411-295-1/cyl					
								2						74.0 × 1.5 × 3.2	TF BT	FC	PH	PH
								O						74.0 × 3.5 × 3.55	2F	ST	CH	FE
1cyl/set																		
32564	2FAC	3AF-1	For Industrial Machine			3	T	76.0 × 2.0 × 3.4	BF	FD	CH	PH	5-12121-012-0/cyl					
								2						76.0 × 2.0 × 3.4	TF	FC	CH	PH
								O						76.0 × 4.0 × 4.2	2F	FC	CH	PH
1cyl/set																		
32589	2FAC	4EC1	Gemini Diesel JT600		1,487	4	T	76.0 × 2.0 × 3.1	BF	FD	CH	PH	8-94144-187-0/cyl					
								2					76.0 × 1.5 × 3.1	TF	ST	CH	PH	8-94332-767-1/cyl
								O					76.0 × 3.0 × 3.55	2F	ST	CH	FE	
32659	2FAC	4FE1	Gemini		1,487	4	T	76.3 × 2.0 × 3.3	BF	FD	CH	PH	8-94169-748-0					
								2						76.3 × 2.0 × 3.3	TF	FC	CH	PH
								O						76.3 × 4.0 × 4.0	2F	ST	NT	NT
32590	3FAC	4XC1	Gemini/JT150		1,471	4	T	77.0 × 1.5 × 3.3	BF BT	FD	CH	PH	8-94141-947-0/cyl					
								2						77.0 × 1.5 × 3.3	3F	ST	NT	NT
								O						77.0 × 2.8 × 3.1				
32591	3FAC	4XC1-H 4XC1-T	Gemini		1,471	4	T	77.0 × 1.2 × 2.95	BF	ST	NT	NT	8-94162-769-0/cyl					
								2					77.0 × 1.2 × 3.5	TF BT	FC	CH	PH	8-94109-650-0/cyl
								O					77.0 × 2.8 × 3.1	3F	ST	NT	PH	
32621	2F	3LB1	For Industrial Machine			3	T	77.4 × 2.0 × 3.1	BF	FD	CH	CH	8-97113-762-0/cyl					
								2						77.4 × 1.5 × 3.2	TF SP	FC	PH	PH
								O						77.4 × 3.5 × 3.5	2F	ST	CH	FE
1cyl/set																		
32630	2FBC	4LB1	For Industrial Machine			4	T	77.4 × 2.0 × 3.1	BF	FD	CH	CH	8-97034-609-0/cyl					
								2						77.4 × 1.5 × 3.2	TF	FC	PH	PH
								O						77.4 × 3.5 × 3.5	2F	ST	CH	FE
1cyl/set																		
32613	2F	4EE1,4EE2	Gemini		1,686	4	T	79.0 × 2.0 × 2.75	BF	ST	NT	PH	8-94381-709-1/cyl					
								2						79.0 × 1.5 × 3.2	TF	FD	CH	PH
								O						79.0 × 3.0 × 3.56	2F	ST	CH	FE
32565	DWAC	3AE-1	For Industrial Machine			3	T	80.0 × 2.0 × 3.5	BF	FD	CH	PH	5-12121-011-0/cyl					
								2						80.0 × 2.0 × 3.5	TF	FC	CH	PH
								O						80.0 × 4.0 × 4.0	2F	FC	CH	PH
1cyl/set																		
32592	2F	3KR1 3KR2	For Industrial Machine			3	T	81.0 × 2.0 × 3.4	BF	FC	CH	PH	8-94421-650-0/cyl					
								2					81.0 × 1.75 × 3.4	TF BT	FC	PH	PH	8-94378-440-0/cyl
								O					81.0 × 4.0 × 4.0	2F	ST	CH	FE	
1cyl/set																		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference	
									①	②	③		Outside	Upper/Lower		
32534	3F	G161Z G161W G161AB	Florian 1600		1,584	4	T	82.0 × 2.0 × 3.8	TF			FC	CH	PH	9-12181-141/cyl	
			117Coupe,PA90				2	82.0 × 2.0 × 3.7	TF			FC	PH	PH	9-12181-113/cyl	
			ELF Truck Foster KA41,50,KAG41,51,PA20				O	82.0 × 4.0 × 3.6	3F			ST	CH	PH	9-12181-616/cyl	
																8-94206-294/cyl 8-94216-639/cyl
32570	3FAC	G161-2	LUV/Pick-Up		1,584	4	T	82.0 × 1.5 × 3.5	BF			ST	CH	FE	8-94244-403-0/cyl	
			Truck				2	82.0 × 1.5 × 3.8	TF			FC	CH	PH	8-94130-293-0/cyl	
							O	82.0 × 4.0 × 3.15	3F			ST	CH	PH		
32605	3FAC	4ZA1	PF50		1,584	4	T	82.0 × 1.5 × 2.95	BF			ST	NT	NT	8-94452-743-0/cyl	
							2	82.0 × 1.5 × 3.3	TF			FD	CH	PH		
							O	82.0 × 4.0 × 3.05	3F			ST	NT	PH		
32502	2FT	C220	ELF		2,207	4	T	83.0 × 2.0 × 3.4	TF			FC	PH	PH	9-12181-057/cyl	
			TLD11,11D,11V,21,21V,21 W,60				2	83.0 × 2.0 × 3.4	TF			FC	PH	PH	9-12181-062/cyl	
			TL321,351,TK351W Elfin TKD11,11V,11W Truck TLD21V,30,30V,50 Bus BLD11,22,TLD11B,21B BL371,TL321B,351B			1,991	3	83.0 × 2.0 × 3.4	TF SP			FC	PH	PH	9-12181-100/cyl	
							O	83.0 × 4.0 × 4.0	2F			FC	PH	PH		
						O	83.0 × 4.0 × 3.4	1F			FC	PH	PH			
32521	2FT	C221 CP221P C201 C201P	ELF		2,207	4	T	83.0 × 2.0 × 3.4	TF			FC	PH	PH	5-12121-013/cyl	
			TLD12,22,22V(F),22W				2	83.0 × 2.0 × 3.4	TF			FC	PH	PH	5-12121-014/cyl	
			32,52,62				3	83.0 × 2.0 × 3.4	TF SP			FC	PH	PH	5-12181-015/cyl	
			BLD22				O	83.0 × 5.0 × 3.9	2F			FC	PH	PH	9-12181-122/cyl	
							O	83.0 × 5.0 × 3.2				FC	PH	PH		
32622	2F	3LD1	For Industrial Machine			3	T	83.1 × 2.0 × 3.3	BF			FD	CH	PH	8-97113-503-0/cyl	
							2	83.1 × 1.75 × 3.6	TF SP			FC	PH	PH		
				1cyl/set			O	83.1 × 4.0 × 4.25	2F			ST	CH	PH		
32536	3F	G180Z G180S G180SS	Bellet 1800		1,817	4	T	84.0 × 2.0 × 3.6	BF			FD	CH	PH	9-12181-615/cyl	
			Florian 1800				2	84.0 × 2.0 × 3.7	TF			FC	PH	PH	9-12181-605/cyl	
			117Coupe,PA30,PR95				O	84.0 × 4.0 × 3.15	3F			ST	CH	PH	8-94208-205-0/cyl 8-94216-640/cyl	
32572	3F	G180-2 4ZB-1 4ZB-1-J	LUV		1,817	4	T	84.0 × 1.5 × 3.1	BF			ST	CH	FE	8-94244-404-0/cyl	
			ASKA				2	84.0 × 1.5 × 3.6	TF			FC	PH	PH	8-94235-877-0/cyl	
							O	84.0 × 4.0 × 3.15	3F			ST	CH	FE	8-94249-218-0/cyl	
															8-94141-443-0/cyl	
32556	2FACBC	4FB-1 4FC-1	Gemini Diesel PFD60		1,817	4	T	84.0 × 2.5 × 3.5	BF			FD	CH	PH	8-94224-221/cyl	
			Fargo,ASKA				1,995	2	84.0 × 2.0 × 3.5	TF			FC	CH	PH	8-94139-973/cyl
							O	84.0 × 4.0 × 4.2	2F			FC	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32624	DW	4LE1	For Industrial Machine			4	T	85.0 × 2.0 × 3.3	BF		FD	CH	PH	8-97141-208-0/cyl	
							2	85.0 × 1.75 × 3.7	TF BT		FC	PH	PH		
							O	85.0 × 4.0 × 4.25	2F		ST	CH	FE		
1cyl/set															
32669	2FAC	4LE17/LE2X				4	T	85.0 × 2.0 × 2.95	HK BF		ST	NT	NT	8-98114-299-0/cyl	
							2	85.0 × 2.0 × 3.25	TF		FC	CH	PH		
							O	85.0 × 3.0 × 3.3	2F		ST	NT	NT		
1cyl/set															
32635	3F	C22-NE				4	T	86.0 × 1.5 × 3.3	BF		ST	CH	FE	8-92064-591-0/cyl	
							2	86.0 × 1.5 × 3.4	TF SP		FC	PH	PH		
							O	86.0 × 3.0 × 2.85	3F		ST	CH	PH		
32569	2FT	C190-2 C240-2	ELF 150,250		1,951	4	T	86.0 × 2.5 × 4.0	TF		FC	CH	PH	5-12121-021-0/cyl	
							2	86.0 × 2.0 × 3.5	TF SP		FC	PH	PH	8-94104-949-0/cyl	
							O	86.0 × 5.0 × 3.8	2F		FC	PH	PH		
32648	3F	C190G	Florian VAN		1,951	4	T	86.0 × 2.0 × 3.3	BF		ST	NT	NT	5-12121-008-0	
							2	86.0 × 2.0 × 3.5	TF		FC	CH	PH		
							3	86.0 × 2.0 × 3.5	TF SP		FC	CH	PH		
							O	86.0 × 5.0 × 4.35	2F		ST	CH	PH		
32527	2FT	C240	KVD20,20VF,PAD30,30V		2,369	4	T	86.0 × 2.0 × 3.5	TF		FC	PH	PH	5-12181-027-0/cyl	
							2	86.0 × 2.0 × 3.5	TF		FC	PH	PH	5-12121-007-0/cyl	
							3	86.0 × 2.0 × 3.5	TF SP		FC	PH	PH	9-12181-603/cyl	
							O	86.0 × 5.0 × 3.8	2F		FC	PH	PH		
62527	2FT	C240	KVD20,20VF,PAD30,30V		2,369	4	T	86.0 × 2.0 × 3.5	TF		FC	PH	PH	5-12181-027-0/cyl	
							2	86.0 × 2.0 × 3.5	TF		FC	PH	PH	5-12121-007-0/cyl	
							3	86.0 × 2.0 × 3.5	TF SP		FC	PH	PH	9-12181-603/cyl	
							O	86.0 × 5.0 × 3.8	2F		FC	PH	PH		
32600	2FT	C240	Truck KAD41,42,51,52 KB40,41,KBD20,26,40 KUD20Z,TCD23 TLD,23ZP,23ZV,33 Bus BLD24,KAD51,51ZB,52		2,369	4	T	86.0 × 2.0 × 3.5	TF		FC	PH	PH	5-12121-007-0/cyl	
							2	86.0 × 2.0 × 3.5	TF		FC	PH	PH	9-12181-603/cyl	
							3	86.0 × 2.0 × 3.5	TF SP		FC	PH	PH		
							O	86.0 × 5.0 × 3.8	2F		FC	PH	PH		
C190			TLD13,23(V,Z)43,53,63				T	86.0 × 2.0 × 3.5	TF		FC	PH	PH		
							2	86.0 × 2.0 × 3.5	TF		FC	PH	PH		
							3	86.0 × 2.0 × 3.5	TF SP		FC	PH	PH		
							O	86.0 × 5.0 × 3.8	2F		FC	PH	PH		
32528	2FT	C240	ELF KAD41V,50NV,51V(NV,ZV)		2,369	4	T	86.0 × 2.0 × 3.5	TF		FC	PH	PH	9-12181-138/cyl	
							2	86.0 × 2.0 × 3.5	TF		FC	PH	PH		
							3	86.0 × 2.0 × 3.5	TF SP		FC	PH	PH		
							O	86.0 × 5.0 × 3.8	2F		FC	PH	PH		
							O	86.0 × 5.0 × 3.5	1F		FC	PH	PH		
62528	2FT	C240	ELF KAD41V,50NV,51V(NV,ZV)		2,369	4	T	86.0 × 2.0 × 3.5	TF		FC	PH	PH	9-12181-138/cyl	
							2	86.0 × 2.0 × 3.5	TF		FC	PH	PH		
							3	86.0 × 2.0 × 3.5	TF SP		FC	PH	PH		
							O	86.0 × 5.0 × 3.8	2F		FC	PH	PH		
							O	86.0 × 5.0 × 3.5	1F		FC	PH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32601	2FT	C240	ELF		2,369	4	T	86.0 × 2.0 × 3.5	TF		FC	PH	PH	9-12181-138-0/cyl	
							2	86.0 × 2.0 × 3.5	TF		FC	PH	PH		
							3	86.0 × 2.0 × 3.5	TF SP		FC	PH	PH		
							O	86.0 × 5.0 × 3.8	2F		FC	PH	PH		
							O	86.0 × 5.0 × 3.5	1F		FC	PH	PH		
32661	3F	22LE	Crew Cab		2,200	4	T	86.0 × 1.5 × 3.6	BF		FD	CH	PH	8-92064-589-0/cyl	
		C22NE	Single Cab				2	86.0 × 1.5 × 3.4	TF SP		FC	PH	PH		
			Space Cab				O	86.0 × 3.0 × 3.05	3F		ST	CH	PH		
32538	AC	G201	Truck		1,951	4	T	86.0 × 2.5 × 4.1	BF		FC	CH	PH	9-12181-602/cyl	
			TLG12,22,32,42,52,62				2	86.0 × 2.5 × 4.1	TF SP		FC	CH	PH		
			KVG20,20VF				O	86.0 × 5.0 × 4.1	1F		FC	CH	PH		
			Bus												
			BLG22,22B,24												
32678	3F	X22SE	Amigo		2,200	4	T	86.0 × 1.5 × 3.3	BF		ST	CH	FE	8-92062-027-0/cyl	
			Rodeo				2	86.0 × 1.5 × 3.4	TF		FC	PH	PH		
			ELF2.2				O	86.0 × 3.0 × 2.85	3F		ST	CH	PH		
32679	3F	X22SE	Amigo		2,200	4	T	86.0 × 1.2 × 3.1	BF		ST	NT	NT	8-92065-115-0/cyl	
			Rodeo				2	86.0 × 1.5 × 3.4	TF		FC	PH	PH		
			ELF2.2				O	86.0 × 2.5 × 2.75	3F		ST	CH	PH		
32555	3FAC	G200	117Coupe PA96		1,949	4	T	87.0 × 2.0 × 3.8	BF		FC	CH	PH	8-94216-641/cyl	
							2	87.0 × 2.0 × 3.85	TF		FC	CH	PH		
							O	87.0 × 4.0 × 3.2	3F		ST	CH	PH		
32577	3F	G200ZN	Chevrolet LUV		2,000	4	T	87.0 × 1.5 × 3.15	BF		ST	NT	NT	8-94130-295/cyl	
							2	87.0 × 1.5 × 3.6	TF		FD	CH	PH		8-94231-817-0/cyl
							O	87.0 × 4.0 × 3.05	3F		ST	CH	PH		
32657	3F	D-MAX 2.4L	D-MAX		2,400	4	T	87.5 × 1.2 × 2.9	BF		ST	NT	NT	8-93359-241	
							2	87.5 × 1.5 × 3.7	TF SP		FC	PH	PH		8-97259-941-0
							O	87.5 × 2.5 × 3.05	3F		ST	CH	PH		
32557	2F	C223	117Coupe Diesel		2,238	4	T	88.0 × 2.5 × 3.6	BF		FC	CH	PH	5-12121-017/cyl	
			PAD96				2	88.0 × 2.0 × 3.8	TF		FC	PH	PH		8-94100-355/cyl
							O	88.0 × 4.5 × 4.6	2F		FC	PH	PH		
32574	2FT	C223-2	Bighorn,Rodio		2,238	4	T	88.0 × 2.0 × 3.5	BF		FC	PH	PH	8-94253-736-0/cyl	
							2	88.0 × 2.0 × 3.5	TF SP		FC	PH	PH		
							O	88.0 × 4.0 × 4.0	2F		FC	PH	PH		
32640	2F	D201				1	T	88.0 × 2.0 × 3.3	BF		ST	NT	NT		
							2	88.0 × 2.0 × 3.3	TF		FC	PH	PH		
							3	88.0 × 2.0 × 3.3	TF SP		FC	PH	PH		
							O	88.0 × 4.0 × 4.2	2F		ST	NT	NT		
1cyl/set															
32650	2FAC	4FD1	Rodio		4		T	88.0 × 2.0 × 3.15	BF		ST	NT	NT	8-94250-730/cyl	
			Bighorn				2	88.0 × 2.0 × 3.5	TF SP		FC	CH	PH		
							O	88.0 × 4.0 × 4.2	2F		ST	NT	NT		
32573	3F	4ZC-1	ASKA		1,994	4	T	88.0 × 1.5 × 3.5	BF		ST	CH	PH	8-94235-878-0/cyl	
		4ZC-1J	2				88.0 × 1.5 × 3.8	TF		FC	CH	PH	8-94119-545-0/cyl		
		4ZC-1JExp	O				88.0 × 4.0 × 3.2	3F		FC	CH	PH			8-94409-555-0/cyl

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32598	2F	4FG1	WFR62		2,400	4	T	89.3 × 2.0 × 3.15	BF		ST	NT	NT	8-94469-634-0/cyl	
							2	89.3 × 2.0 × 3.7	TF		FC	CH	PH		
							O	89.3 × 4.0 × 4.25	2F		ST	CH	FE		
32579	3FAC	4ZD-1	Chevolet LUV		2,254	4	T	89.3 × 1.5 × 3.5	BF		ST	CH	PH	8-94136-778-0/cyl	
		2					89.3 × 1.5 × 3.8	TF		FC	CH	PH	8-94153-966-0/cyl		
		O					89.3 × 4.0 × 2.9	3F		ST	CH	PH			
32516	2FT	D370	Truck TY20,20D,30,40		3,664	6	T	90.0 × 2.5 × 3.9	TF		FC	PH	PH	9-12181-099/cyl	
							2	90.0 × 2.5 × 3.9	TF		FC	PH	PH		
							3	90.0 × 2.5 × 3.9	TF SP		FC	PH	PH		
							O	90.0 × 5.0 × 4.8	2F		FC	PH	PH		
							O	90.0 × 5.0 × 3.9	1F		FC	PH	PH		
32596	3FAC	4ZE1	TROOPER		2,559	4	T	92.6 × 1.5 × 3.35	BF		ST	NT	NT	8-94405-614-2/cyl	
							2	92.6 × 1.5 × 4.0	TF		FC	CH	PH		
							O	92.6 × 4.0 × 3.05	3F		ST	NT	PH		
32594	3FAC	4ZE1	TROOPER		2,559	4	T	92.6 × 1.5 × 3.5	BF		ST	CH	PH	8-94446-957-1/cyl	
							2	92.6 × 1.5 × 4.0	TF		FC	CH	PH		
							O	92.6 × 4.0 × 3.05	3F		ST	NT	PH		
32575	2FT	4JA-1	Truck ELF150		2,771	4	T	93.0 × 2.0 × 3.9	BF		FC	PH	PH	8-94247-867-0/cyl	
		2					93.0 × 2.0 × 4.0	TF SP		FC	PH	PH			
		O					93.0 × 4.0 × 4.1	2F		FC	PH	PH			
62575	2FT	4JA-1	Truck ELF150		2,771	4	T	93.0 × 2.0 × 3.9	BF		FC	PH	PH	8-94247-867-0/cyl	
		2					93.0 × 2.0 × 4.0	TF SP		FC	PH	PH			
		O					93.0 × 4.0 × 4.1	2F		FC	PH	PH			
32612	2FT	4JB1	Truck ELF150		2,771	4	T	93.0 × 2.0 × 3.9	BF		FC	PH	PH	8-94247-867-0/cyl	
							2	93.0 × 2.0 × 4.0	TF SP		FC	PH	PH		
							O	93.0 × 4.0 × 4.1	2F		FC	PH	PH		
1cyl/set															
32647	2FT	4JK1	D-MAX			4	T	93.0 × 2.0 × 3.9	BF		FC	PH	PH	8-97319-087-0	
		2					93.0 × 2.0 × 4.0	TF SP		FC	PH	PH	5-87310-519-0		
		O					93.0 × 4.0 × 4.2	2F		ST	NT	NT			
32628	2FAC	6VE1				6	T	93.4 × 1.2 × 3.5	BF BT		ST	NT	NT	8-97371-553-0/cyl	
							2	93.4 × 1.2 × 3.8	TF SP		FD	CH	PH		
							O	93.4 × 2.0 × 2.75	2F		ST	NT	NT		
32614	3FAC	6VD1	Bighorn		3,165	6	T	93.4 × 1.5 × 3.7	BF		ST	CH	PH	8-97127-562-0/cyl	
							2	93.4 × 1.5 × 4.0	TF		FC	CH	PH	8-97162-198-0/cyl	
							O	93.4 × 4.0 × 3.1	3F		ST	CH	PH		
32629	3FAC	6VD1-2	Bighorn		3,165	6	T	93.4 × 1.5 × 3.35	BF		ST	NT	NT	8-97170-113-0/cyl	
							2	93.4 × 1.5 × 4.0	TF		FC	CH	PH		
							O	93.4 × 3.0 × 2.85	3F		ST	NT	PH		
32674	3F	6VD1(98MY)			3,165	6	T	93.4 × 1.5 × 3.25	BF		ST	CH	FE	8-97136-135-0/cyl	
							2	93.4 × 1.5 × 4.0	TF		FC	PH	PH		
							O	93.4 × 3.0 × 2.85	3F		ST	CH	PH		
32675	3FAC	6VD1-Exp			3,165	6	T	93.4 × 1.5 × 3.35	BF		ST	NT	NT	8-97037-372-0/cyl	
							2	93.4 × 1.5 × 4.0	TF		FC	CH	PH		
							O	93.4 × 4.0 × 2.9	3F		ST	NT	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference																	
									①	②	③		Outside	Upper/Lower																		
32636	2FT	4JG1	Bighorn,ELF		3,059	4	T	95.4 × 2.0 × 4.0	BF			FC	PH	PH	8-94379-486-0/cyl																	
							2	95.4 × 2.0 × 4.0	TF			FC	PH	PH																		
							O	95.4 × 4.0 × 3.95	2F			ST	NT	NT																		
32607	2F	4JG2	Bighorn,ELF		3,059	4	T	95.4 × 2.5 × 4.0	BF BT			FC	PH	PH	8-97080-215-0/cyl																	
							2	95.4 × 2.0 × 4.0	TF BT			FC	PH	PH																		
							O	95.4 × 4.0 × 4.45	2F			ST	NT	NT																		
32691	2F	4JG2-2	Bighorn ELF		3,059	4	T	95.4 × 2.306 × 4.0	K BF			FD	PH	PH	8-94370449-0																	
							2	95.4 × 2.0 × 4.0	TF			FC	PH	PH																		
							O	95.4 × 4.0 × 3.95	2F			ST	NT	NT																		
32623	2FT	4JH1	D-MAX		3,059	4	T	95.4 × 2.5 × 3.9	BF			FC	PH	PH	8-97941-122-0/cyl																	
							2	95.4 × 2.0 × 3.7	TF SP			FC	PH	PH																		
							O	95.4 × 3.0 × 3.15	2F			ST	NT	NT																		
32634	2F	4JJ1	D-MAX		3,059	4	T	95.4 × 2.0 × 3.3	HK BF			ST	CH	FE	8-97388-734-0/cyl																	
							2	95.4 × 1.5 × 4.0	TF			FC	PH	PH	8-98096-676-0/cyl																	
							O	95.4 × 3.0 × 3.0	2F			ST	NT	NT																		
32652	2FAC	4JJ1-2	Truck,ELF			4	T	95.4 × 2.0 × 3.3	HK BF			ST	CH	FE	8-98053579-0																	
							2	95.4 × 2.0 × 4.2	TF ST			FC	CH	PH																		
							O	95.4 × 3.0 × 3.0	2F			ST	NT	NT																		
32664	2FAC	4JJ1TC	ELF D-MAX		3,059	4	T	95.4 × 2.0 × 3.3	HK BF			ST	CH	FE	8-98057-222-0																	
							2	95.4 × 1.5 × 3.5	TF BT			ST	NT	NT																		
							O	95.4 × 3.0 × 3.0	2F			ST	NT	NT																		
32680	2FAC	4JX1	MU Bighorn Wizard		2,999	4	T	95.4 × 2.438 × 4.0	K BF			FD	CH	PH	8-97184-533-0																	
							2	95.4 × 2.0 × 4.0	TF ST			FC	CH	PH																		
							O	95.4 × 4.0 × 3.95	2F			ST	NT	NT																		
32644	2FT	D-MAX 3.0			3,059	4	T	95.4 × 2.5 × 3.9	BF			FC	PH	PH	8-97259-941-0																	
							2	95.4 × 2.0 × 3.7	TF SP			FC	PH	PH																		
							O	95.4 × 3.0 × 3.85	2F			ST	NT	NT																		
32529	2FTBC	4BA-1	ELF Truck TLD24,34,44,54,64		2,775	4	T	98.0 × 3.0 × 3.9	BF			FC	PH	CH	5-12121-001-0/cyl																	
							2	98.0 × 2.5 × 3.9	TF SP			FC	PH	PH	5-12121-019/cyl																	
							O	98.0 × 5.0 × 4.3	2F			FC	PH	PH	5-12181-025/cyl																	
		C330	ELF KS	3,318												9-12181-801/cyl																
																	62529	2FT	4BA-1	ELF Truck TLD24,34,44,54,64		2,775	4	T	98.0 × 3.0 × 3.9	BF			FC	PH	CH	5-12121-001-0/cyl
																								2	98.0 × 2.5 × 3.9	TF SP			FC	PH	PH	5-12121-019/cyl
O	98.0 × 5.0 × 4.3	2F			FC	PH	PH	5-12181-025/cyl																								
C330	ELF KS	3,318												9-12181-801/cyl																		
															32524	2FTBC	D500	Forward TR,BY		4,978	6	T	98.0 × 3.0 × 3.9	BF			FC	PH	CH	5-12181-020/cyl		
2	98.0 × 2.5 × 3.9	TF SP			FC	PH	PH	9-12181-608/cyl																								
O	98.0 × 5.0 × 4.3	2F			FC	CH	PH																									

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
62524	2FT	D500	Forward TR,BY		4,978	6	T	98.0 × 3.0 × 3.9	BF		FC	PH	CH	5-12181-020/cyl	
							2	98.0 × 2.5 × 3.9	TF	SP	FC	PH	PH	9-12181-608/cyl	
							O	98.0 × 5.0 × 4.3	2F		FC	CH	PH		
32506	DW	DA120	Truck TX541(D,T),542(D,T) 551(T),552(T),TXD40,50 TS542,543(D),TW542(D)		6,126	6	T	100.0 × 2.5 × 4.0	BF		FC	CH	CH	9-12181-063/cyl	
							2	100.0 × 2.5 × 4.0	TF	ST	FC	PH	PH	9-12181-091/cyl	
							3	100.0 × 2.5 × 4.0	TF	SP	FC	PH	PH		
							O	100.0 × 4.0 × 4.2	2F		FC	CH	PH		
							O	100.0 × 4.0 × 4.0	1F		FC	PH	PH		
32517	2F	DA120A	Bus BA341P,343,351,541 543,551 BB341,351,551 BX352,531,552 For Industrial Machine		6,126	6	T	100.0 × 2.5 × 4.2	BF		FD	CH	PH	1-12181-005/cyl	
							2	100.0 × 2.5 × 4.4	TF	ST	FC	PH	PH	1-12181-036/cyl	
							3	100.0 × 2.5 × 4.4	TF	SP	FC	PH	PH	1-12181-087/cyl	
							O	100.0 × 5.0 × 4.4	2F		FC	CH	PH	1-12181-109/cyl	
														1-12181-128/cyl	
32688	2F	DA120A	Bus BA341P,343,351,541 543,551 BB341,351,551 BX352,531,552 For Industrial Machine		6,126	6	T	100.0 × 2.5 × 4.2	BF		FC	CH	PH	1-12181-005/cyl	
							2	100.0 × 2.5 × 4.4	TF	ST	FC	PH	PH	1-12181-036/cyl	
							3	100.0 × 2.5 × 4.4	TF	SP	FC	PH	PH	1-12181-087/cyl	
							O	100.0 × 5.0 × 4.4	2F		FC	CH	PH	1-12181-109/cyl	
														1-12181-128/cyl	
1cyl/set															
32505	DW	DA220	For Industrial Machine		4,048	4	T	100.0 × 2.5 × 4.0	BF		FC	CH	CH	9-12181-093/cyl	
							2	100.0 × 2.5 × 4.0	TF	ST	FC	PH	PH		
							3	100.0 × 2.5 × 4.0	TF	SP	FC	PH	PH		
							O	100.0 × 4.0 × 3.2	2F		FC	CH	PH		
							O	100.0 × 4.0 × 4.0	1F		FC	PH	PH		
32540	2F	DA220A	For Industrial Machine		4,048	4	T	100.0 × 2.5 × 4.2	BF		FD	CH	PH	1-12181-006-0/cyl	
							2	100.0 × 2.5 × 4.4	TF	ST	FC	PH	PH	1-12181-038-0/cyl	
							3	100.0 × 2.5 × 4.4	TF	SP	FC	PH	PH	1-12181-111-0/cyl	
							O	100.0 × 5.0 × 4.4	2F		FC	CH	PH		
32643	2FBC	6BD1				6	T	101.5 × 3.0 × 3.7	BF		ST	NT	NT	1-12121-087-0	
							2	101.5 × 2.5 × 4.4	TF	SP	FC	PH	PH		
							O	101.5 × 4.0 × 4.15	2F		ST	NT	NT		
32507	DW	DA640	Truck TXD70E,80E Bus BA01,05,10(P),20(P) BS20,BF20		6,373	6	T	102.0 × 2.5 × 4.0	BF		FC	CH	PH	9-12181-028/cyl	
							2	102.0 × 2.5 × 4.0	TF	ST	FC	PH	PH	9-12181-048/cyl	
							3	102.0 × 2.5 × 4.0	TF	SP	FC	PH	PH	9-12181-064/cyl	
							O	102.0 × 4.0 × 4.2	2F		FC	CH	PH	9-12181-092/cyl	
							O	102.0 × 4.0 × 4.2	1F		FC	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference	
									①	②	③		Outside	Upper/Lower		
32518	DW	DA640A	Truck		6,373	6	T	102.0 × 2.5 × 4.4	BF			FC	CH	CH	12181-007/cyl	
			SFR320,420,460,500,600				2	102.0 × 2.5 × 4.4	TF ST				FC	PH	PH	1-12181-033/cyl
			TSD43,TWD23				3	102.0 × 2.5 × 4.4	TF SP				FC	PH	PH	12181-074/cyl
			TXD13,23,33,53,60				O	102.0 × 5.0 × 4.6	2F				FC	CH	PH	12181-088/cyl
			Bus BA741(P),743,BB751 BR10(P),20(P),351(P) BX721E,731,752													
32625	2F	DA640PP	For Industrial Machine		6,373	6	T	102.0 × 3.0 × 3.7	BF			ST	NT	NT	1-12181-034-0/cyl	
							2	102.0 × 2.5 × 4.4	TF ST				FC	PH	PH	
							3	102.0 × 2.5 × 4.4	TF SP				FC	PH	PH	
							O	102.0 × 5.0 × 4.7	2F				ST	CH	FE	
32546	2F	DA640T	Truck		6,373	6	T	102.0 × 3.5 × 4.4	K BF			FC	CH	PH	1-12121-011/cyl	
			SFR320,420,460,500,600				2	102.0 × 2.5 × 4.4	TF BT				FC	PH	PH	12181-014/cyl
			TSD43,TWD23				3	102.0 × 2.5 × 4.4	TF SP				FC	PH	PH	1-12181-035/cyl
			TXD13,23,33,53,60				O	102.0 × 5.0 × 4.9	2F				FC	CH	PH	
			Bus BA20(P),BF30													
32545	2FT	4BB-1 4BD-1	ELF		3,595	4	T	102.0 × 3.0 × 4.4	TF			FD	PH	PH	5-12121-005/cyl	
			Journey				2	102.0 × 2.5 × 4.4	TF SP				FC	PH	PH	5-12181-003/cyl
			Truck KA31,KS11,11D,21,31				O	102.0 × 5.0 × 4.9	2F				FC	PH	PH	5-12181-024/cyl
32558	2FTBC	4BC-1	ELF		3,268	4	T	102.0 × 3.0 × 4.4	BF			FC	CH	CH	5-12121-004/cyl	
			Journey				2	102.0 × 2.5 × 4.4	TF SP				FC	PH	PH	
			Truck KT25,35,TLD55,65,BL35				O	102.0 × 5.0 × 4.8	2F				FC	PH	PH	
62558	2FT	4BC-1	ELF		3,268	4	T	102.0 × 3.0 × 4.4	BF			FC	CH	CH	5-12121-004/cyl	
			Journey				2	102.0 × 2.5 × 4.4	TF SP				FC	PH	PH	
			Truck KA31,KS11,11D,21,31				O	102.0 × 5.0 × 4.8	2F				FC	PH	PH	
62560	2FT	4BC-1	ELF		3,268	4	T	102.0 × 3.0 × 4.4	BF			FC	CH	CH	5-12121-004/cyl	
			Journey				2	102.0 × 2.5 × 4.4	TF SP				FC	PH	PH	
			Truck KA31,KS11,11D,21,31				O	102.0 × 5.0 × 4.8	2F				FC	PH	PH	
1cyl/set																
32639	2FT	4BD2			3,856	4	T	102.0 × 3.0 × 4.0	BF			FD	PH	PH	8-97117-686-0/cyl	
							2	102.0 × 2.0 × 3.6	TF				FD	PH	PH	
							O	102.0 × 4.0 × 4.35	2F				ST	NT	NT	

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference	
									①	②	③		Outside	Upper/Lower		
32683	2FT	4/6BB1	Forward		5,393	4	T	102.0 × 3.0 × 4.4	TF			FD	CH	PH	5-12121-005/cyl	
			Journey		5,785	6	2	102.0 × 2.5 × 4.4	TF SP			FC	PH	PH	5-12181-003/cyl	
			Truck				O	102.0 × 5.0 × 4.9	2F			FC	CH	PH	5-12181-024/cyl	
			FBR370JBR													5-12121-055/cyl
			SBR320,320D,322,380,380D													5-12181-023/cyl
			400,422,430,450,500													5-12121-002/cyl
			560,680,TLD23ZPO													5-12121-022/cyl
			YBR310,360													
Tractor																
1cyl/set			VBR320,322													
32542	2FT	6BB-1	Forward		5,393	6	T	102.0 × 3.0 × 4.4	TF			FD	CH	PH	5-12121-055/cyl	
			Journey		5,785		2	102.0 × 2.5 × 4.4	TF SP			FC	PH	PH	5-12181-023/cyl	
		6BD-1	Truck				O	102.0 × 5.0 × 4.9	2F			FC	CH	PH	5-12121-002/cyl	
			FBR370JBR													5-12121-022/cyl
			SBR320,320D,322,380,380D													
			400,422,430,450,500													
560,680,TLD23ZPO																
YBR310,360																
Tractor																
VBR320,322																
32602	2FTBC	4BE-1	ELF		3,636	4	T	105.0 × 3.0 × 4.4	BF			FC	PH	CH	8-94418-918-0/cyl	
							2	105.0 × 2.5 × 4.3	TF ST			FC	PH	PH		
							O	105.0 × 5.0 × 4.8	2F			ST	CH	PH		
62602	2FT	4BE-1	ELF		3,636	4	T	105.0 × 3.0 × 4.4	BF			FC	PH	CH	8-94418-918-0/cyl	
							2	105.0 × 2.5 × 4.5	TF ST			FC	PH	PH		
							O	105.0 × 5.0 × 4.8	2F			ST	CH	PH		
32618	2FTBC	4BG1	ELF		4,329	4	T	105.0 × 3.0 × 4.4	BF			FC	PH	CH	8-97123-833-0/cyl	
							2	105.0 × 2.5 × 4.3	TF SP			FC	PH	PH		
							O	105.0 × 4.0 × 4.4	2F			FC	CH	PH		
32559	2FTBC	6BF-1	Forward		6,130	6	T	105.0 × 3.0 × 4.4	BF			FC	PH	CH	5-12121-006/cyl	
			JDR460,SDR370,420,422,480				2	105.0 × 2.5 × 4.3	TF SP			FC	PH	PH	1-12121-052/cyl	
							O	105.0 × 5.0 × 4.8	2F			FC	CH	PH		
62559	2FT	6BF-1	Forward		6,130	6	T	105.0 × 3.0 × 4.4	BF			FC	PH	CH	5-12121-006/cyl	
			JDR460,SDR370,420,422,480				2	105.0 × 2.5 × 4.3	TF SP			FC	PH	PH	1-12121-052/cyl	
							O	105.0 × 5.0 × 4.8	2F			FC	CH	PH		
32597	2FTBC	6BG1	Forward		6,494	6	T	105.0 × 3.0 × 4.4	BF			FC	PH	CH	1-12121-065-0/cyl	
							2	105.0 × 2.5 × 4.3	TF SP			FC	PH	PH		
							O	105.0 × 4.0 × 4.4	2F			FC	CH	PH		
32626	2FT	6BG1-TC	Forward		6,494	6	T	105.0 × 3.5 × 4.0	BF			FD	PH	PH	1-12121-115-0/cyl	
							2	105.0 × 2.5 × 4.5	TF ST			FC	PH	PH		
							O	105.0 × 4.0 × 4.4	2F			FC	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32681	2FT	6BG1T				6	T	105.0 × 3.306 × 4.4	K	BF	FD	PH	PH	1-12121-146-0	
							2	105.0 × 2.5 × 4.3		TF	ST	FC	PH		PH
							3	105.0 × 2.5 × 4.4		TF	SP	FC	PH		PH
							O	105.0 × 4.0 × 4.4	2F		FC	PH	PH		
32695	2FT	6BG1T				6	T	105.0 × 3.306 × 4.4	K	BF	FD	PH	PH	1-12121-146-0	
							2	105.0 × 2.5 × 4.3		TF	ST	FC	PH		PH
							3	105.0 × 2.5 × 4.4		TF	SP	FC	PH		PH
							O	105.0 × 4.0 × 4.4	2F		FC	PH	PH		
1cyl/set															
32677	2FAC	4HE1	ELF		4,751	4	T	110.0 × 3.0 × 3.95	HK	BF	ST	NT	NT	8-97078-779-0/cyl	
							2	110.0 × 2.5 × 4.7		TF	SP	FC	CH		PH
							O	110.0 × 4.0 × 4.2	2F		ST	NT	NT		
32606	2FAC	6HE1	Cubic Bus Forward		7,127	6	T	110.0 × 3.0 × 4.5		BF	FD	CH	PH	8-94396-840-0/cyl	
							2	110.0 × 2.5 × 4.7		TF	SP	FC	CH		PH
							O	110.0 × 4.0 × 4.45	2F		ST	NT	NT		
32638	2FAC	6HE1-TC	Forward		7,127	6	T	110.0 × 3.83 × 4.5	K	BF	FD	CH	PH	8-94390-529-1/cyl	
							2	110.0 × 3.0 × 4.4		TF		FC	CH	PH	8-94395-061-5/cyl
							3	110.0 × 2.5 × 4.7		TF	SP	FC	CH	PH	
							O	110.0 × 3.0 × 3.25	2F		ST	NT	NT		
32604	2FAC	4HF1	ELF		4,334	4	T	112.0 × 3.0 × 4.1	HK	BF	ST	CH	NT	8-97109-462-0/cyl	
							2	112.0 × 2.5 × 4.7		TF	SP	FC	CH		PH
							O	112.0 × 4.0 × 4.36	2F		ST	NT	NT		
32608	2FAC	4HF1	ELF		4,334	4	T	112.0 × 3.0 × 4.5		BF	FD	CH	PH	8-97028-691-0/cyl	
							2	112.0 × 2.5 × 4.7		TF	SP	FC	CH		PH
							O	112.0 × 4.0 × 4.36	2F		ST	NT	NT		
32631	2FAC	4HK1-TC 4HG1 4HJ1	ELF		5,193	4	T	115.0 × 3.0 × 3.95	HK	BF	ST	NT	NT	8-97105-867-0/cyl	
							2	115.0 × 2.5 × 4.8		TF		FC	CH	PH	8-97219-054-0/cyl
							O	115.0 × 4.0 × 4.35	2F		ST	NT	NT		
32663	2FAC	4HK1-X	Excavator Forklift Industrial Diesel		5,200	4	T	115.0 × 2.941 × 4.15	K	BF	FD	CH	PH	8-98017-166-0/cyl	
							2	115.0 × 2.0 × 4.3		TF	BT	FD	CH		PH
							3	115.0 × 2.5 × 4.8		TF	SP	FC	CH		PH
							O	115.0 × 3.0 × 3.15	2F		ST	NT	NT		
32684	2FAC	4HK1-X	Excavator Forklift Industrial Diesel		5,200	4	T	115.0 × 2.941 × 4.15	K	BF	FD	CH	PH	8-98017-166-0/cyl	
							2	115.0 × 2.0 × 4.3		TF	BT	FD	CH		PH
							3	115.0 × 2.5 × 4.8		TF	SP	FC	CH		PH
							O	115.0 × 3.0 × 3.15	2F		ST	NT	NT		
1cyl/set															
32692	2FAC	4HK1X				4	T	115.0 × 2.941 × 4.15	K	BF	ST	PV	NT	8-98017-166-0/cyl	
							2	115.0 × 2.0 × 4.1		TF		ST	NT		NT
							3	115.0 × 2.5 × 4.8		TF	SP	FC	CH		PH
							O	115.0 × 3.0 × 3.15	2F		ST	NT	NT		
1cyl/set															

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
32682	2FAC	4HK1/6HK1	ELF		5,193	4/6	T	115.0 × 3.0 × 3.95	HK	BF	ST	NT	NT	8-97105-867-0/cyl	
							2	115.0 × 2.5 × 4.8		TF	FC	CH	PH	8-97219-054-0/cyl	
							O	115.0 × 4.0 × 4.35	2F		ST	NT	NT	8-97603-423-1/cyl	
1cyl/set															8-98040-125-0/cyl
32645	2FAC	4HG1-T				4	T	115.0 × 3.0 × 3.95	HK	BF	ST	NT	NT	8-98054-995-0	
							2	115.0 × 2.5 × 4.8		TF SP	FC	CH	PH		
							O	115.0 × 4.0 × 4.35	2F		ST	NT	NT		
32685	2FAC	4HG1-T				4	T	115.0 × 3.0 × 3.95	HK	BF	ST	NT	NT	8-98054-995-0	
							2	115.0 × 2.5 × 4.8		TF SP	FC	CH	PH		
							O	115.0 × 4.0 × 4.35	2F		ST	NT	NT		
1cyl/set															
32658	2FAC	4HL				4	T	115.0 × 3.0 × 4.0		BF	ST	NT	NT	8-97331-641-0/cyl	
							2	115.0 × 2.0 × 4.2		TF	FC	CH	PH		
							O	115.0 × 3.0 × 3.15	2F		ST	NT	NT		
32632	2FAC	6HK1-TC	Forward		7,790	6	T	115.0 × 3.0 × 3.95	HK	BF	ST	NT	NT	8-97603-423-1/cyl	
							2	115.0 × 2.5 × 4.8		TF	FC	CH	PH	8-98040-125-0/cyl	
							O	115.0 × 4.0 × 4.35	2F		ST	NT	NT		
32627	2FAC	6HH1			8,226	6	T	115.0 × 3.5 × 4.6		BF	FD	CH	PH	8-94390-799-0/cyl	
							2	115.0 × 2.5 × 4.8		TF SP	FC	CH	PH		
							O	115.0 × 4.0 × 4.2	2F		ST	NT	NT		
32646	2FAC	6HH1	Forward Journey		8,226	6	T	115.0 × 3.5 × 4.6		BF	FD	CH	PH	8-94390-799-0/cyl	
							2	115.0 × 2.5 × 4.8		TF SP	FC	CH	PH		
							O	115.0 × 4.0 × 4.2	2F		ST	NT	NT		
1cyl/set															
32701	2FAC	6HH1-2	Forward Journey Erga			6	T	115.0 × 3.5 × 4.6		BF	FD	CH	PH	8-94392-128-1	
							2	115.0 × 2.5 × 4.8		TF SP	FC	CH	PH		
							O	115.0 × 3.0 × 3.1	2F		ST	NT	NT		
32696	2F	6HL1-TC				6	T	115.0 × 2.941 × 4.15	K	BF	FD	CH	PH	8-97601-318-1	
							2	115.0 × 2.5 × 4.8		TF ST	FC	PH	PH		
							O	115.0 × 3.0 × 3.15	2F		ST	NT	NT		
32580	2F	6SA-1 6SA-T	Truck Forward 200PS		8,413	6	T	115.0 × 3.0 × 4.6		BF	FD	CH	CH	1-12121-070-0/cyl	
							2	115.0 × 2.5 × 4.8		TF SP	FC	CH	PH	1-12121-113-0/cyl	
							O	115.0 × 4.0 × 4.13	2F		ST	CH	FE	1-12121-075-0/cyl	
32548	2FAC	10PA-1 8PA-1 12PA-1	Truck SPK710,SPZ450D,SRG720 R,750 SRK701,710,SRM441,450 450D 650,651,701,710 SRZ440,441,450,451,580,650 VRR290,VRZ440 Bus CRA580,650		12,464	10	T	115.0 × 3.0 × 4.6		BF	FD	CH	PH	1-12181-060/cyl	
							2	115.0 × 2.5 × 4.8		TF	FC	CH	PH	1-12181-016/cyl	
							O	115.0 × 6.0 × 5.7	2F		FD	CH	PH		
1cyl/set															

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference	
									①	②	③		Outside	Upper/Lower		
32562	2F	10PB-1	Truck,Bus		14,022	10	T	115.0 × 3.0 × 4.6	BF			FD	CH	PH	1-12121-043/cyl	
			CSA580,650				2	115.0 × 2.5 × 4.8	TF SP				FD	CH	PH	1-12181-058/cyl
			SSZ441,451,581,641,701				O	115.0 × 4.0 × 5.3	2F				FD	CH	PH	1-12181-061/cyl
			SRM701,SSG701 SSM701,SSZ581 VSR300,VSZ431													
1cyl/set																
32582	2FACBC	10PC-1	Truck,Bus		15,014	10	T	119.0 × 3.0 × 4.6	BF			FD	CH	CH	1-12121-047-0/cyl	
			CXM10,75ton				2	119.0 × 2.5 × 4.8	TF				FC	CH	PH	1-12121-048-0/cyl
			Hi-Decker				O	119.0 × 4.0 × 5.1	2F				FC	CH	PH	
1cyl/set																
32584	2FAC	10PC-1A 10PC-1T	Truck,Bus		15,014	10	T	119.0 × 4.0 × 4.6	BF			FD	CH	PH	1-12121-062-0/cyl	
							2	119.0 × 2.5 × 4.8	TF SP				FD	CH	PH	1-12121-063-0/cyl
							O	119.0 × 4.0 × 4.54	2F				ST	CH	FE	
1cyl/set																
32603	2FAC	10PD1	Truck,Bus		15,014	10	T	119.0 × 4.0 × 4.6	BF			FD	SH	PH	1-12121-063-2/cyl	
							2	119.0 × 2.5 × 4.8	TF SP				FD	CH	PH	
							O	119.0 × 4.0 × 4.65	2F				ST	NT	NT	
1cyl/set																
32637	2FAC	6SD1	Forward		9,839	6	T	120.0 × 3.5 × 4.9	BF			FD	CH	PH	1-12121-094-1/cyl	
			CXG23				2	120.0 × 2.5 × 4.9	TF SP				FC	CH	PH	
							O	120.0 × 5.0 × 4.95	2F				ST	CH	FE	
1cyl/set																
32508	DW	DH100	Truck,Bus		10,179	6	T	120.0 × 3.0 × 5.0	BF			FC	CH	CH	1-12181-050/cyl	
			TD50,TD60,TD70,TD80				2	120.0 × 3.0 × 5.0	TF				FC	PH	PH	1-12181-068/cyl
			TD90,TD141,TD161				3	120.0 × 3.0 × 5.0	TF SP				FC	PH	PH	
							O	120.0 × 6.0 × 5.3	2F				FC	CH	PH	
							O	120.0 × 6.0 × 4.8	1F				FC	CH	PH	
1cyl/set																
32519	DW	DH100A	Truck		10,179	6	T	120.0 × 3.0 × 5.0	BF			FC	CH	CH	1-12121-016/cyl	
			TD50,62,70E,72,80E,90E				2	120.0 × 3.0 × 5.0	TF				FC	PH	PH	1-12181-001/cyl
			141,161,TP70E,81E,91E				3	120.0 × 3.0 × 5.0	TF SP				FC	PH	PH	9-12181-083/cyl
			BC161,BU10				O	120.0 × 6.0 × 5.3	2F				FC	CH	PH	9-12181-086/cyl
			SLR350P,360,400T,401 600,670,VLR290,VRB290													
1cyl/set																
32567	DW	DH100-H	Bus		10,179	6	T	120.0 × 3.0 × 4.9	BF			FD	CH	CH	1-12121-017/cyl	
			BC141,151,151P,161				2	120.0 × 3.0 × 5.0	TF				FC	PH	PH	1-12181-049/cyl
			BU05,10,15,20,20P,30,35P				O	120.0 × 6.0 × 5.5	2F				FC	CH	PH	
1cyl/set																
32522	DW	D920	Truck		9,203	6	T	125.0 × 3.0 × 5.1	BF			FC	CH	CH	1-12121-021/cyl	
			TD51,51D,61,70,71,71E				2	125.0 × 3.0 × 5.2	TF				FC	PH	PH	9-12181-115/cyl
			81E,91E				3	125.0 × 3.0 × 5.2	TF SP				FC	PH	PH	
			Bus				O	125.0 × 6.0 × 5.3	2F				FC	CH	PH	
			BU04D,05D,10D,15D,20,20D 10DP,15DP,20DP,35DP													
		E110	Truck		11,044											
			TG55E,75E													
			TM05E,15E,45,55,85E,95E													
			Bus													
			BU05E,10E,15E,20E,25EP													
1cyl/set																

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	
32541	DWAC	D920	Tractor TD35E		9,203	6	T	125.0 × 3.0 × 5.1	BF		FD	CH	CH	1-12121-013/cyl	
							2	125.0 × 2.5 × 5.1	TF		FD	CH	PH	9-12181-137/cyl	
							O	125.0 × 6.0 × 5.2	2F		FC	CH	PH		
32568	2FAC	6QA-1	Truck, Bus CJM470, DJR530, 580 SJR361, 461, 531 TDJ50, 72, 78		11,044	6	T	125.0 × 3.0 × 5.1	BF		FD	CH	CH	1-12121-028/cyl	
							2	125.0 × 2.5 × 5.1	TF	SP	FC	CH	PH	1-12121-046/cyl	
							O	125.0 × 6.0 × 5.45	2F		FC	CH	PH		
32633	2FACBC	6QB2	Bus		11,781	6	T	125.0 × 4.0 × 4.8	BF		FD	CH	PH	1-12121-096-0/cyl	
							2	125.0 × 2.5 × 5.1	TF		FC	CH	PH		
							O	125.0 × 6.0 × 6.16	2F		ST	CH	FE		
32642	2FAC	10PE-1					T	127.0 × 3.806 × 4.95	K	BF	FD	CH	PH	1-12121-129-1	
							2	127.0 × 3.0 × 5.0	TF	BT	FC	CH	PH		
							3	127.0 × 3.0 × 5.2	TF	SP	FC	CH	PH		
							O	127.0 × 4.0 × 4.2	2F		ST	NT	NT		
1cyl/set															
32641	2FAC	6WA1TC	GIGA		12,068	6	T	132.9 × 4.306 × 5.2	K	BF	FD	CH	PH	1-12121-117/cyl	
							2	132.9 × 3.0 × 5.2	TF	ST	FC	CH	PH	1-12121-127/cyl	
							3	132.9 × 3.0 × 5.5	TF	SP	FC	CH	PH	1-12121-136/cyl	
							O	132.9 × 4.0 × 4.4	2F		ST	NT	NT		
32662	2FAC	6WA1TC	GIGA		12,068	6	T	132.9 × 3.806 × 5.2	K	BF	FD	CH	PH	1-12121-139-0/cyl	
							2	132.9 × 3.0 × 5.2	TF	ST	FC	CH	PH	1-12121-141-0/cyl	
							3	132.9 × 3.0 × 5.5	TF	SP	FC	CH	PH		
							O	132.9 × 4.0 × 4.4	2F		ST	NT	NT		
32585	2FAC	6RB-1,2	SHM, CXM		12,023	6	T	135.0 × 4.0 × 5.5	BF		FD	CH	PH	1-12121-037-0/cyl	
							2	135.0 × 2.5 × 5.5	TF	SP	FD	CH	PH	1-12121-040-0/cyl	
		6RA-1,2	SBM, CXM	13,741	O	135.0 × 5.0 × 6.2	2F		FC	CH	PH				
32610	2FAC	6RB-T	Truck		13,741	6	T	135.0 × 4.0 × 5.5	BF		FD	CH	CH	1-12121-102-1/cyl	
							2	135.0 × 2.5 × 5.5	TF	SP	FD	CH	PH		
							O	135.0 × 4.0 × 4.4	2F		ST	NT	NT		
32525	2F	E120	Truck SPG470, 540, 580, 650, 720 SPM450, 550, 650, 710 SPK650, 710, SPR520 SPZ440, 450, 480, 540 580, 641, 650 TGK55E, 75E TMK05E, 15, 27, 45, 48 57, 67Z, 68, 78, 95 Tractor TDK35E		12,023	6	T	135.0 × 4.0 × 5.5	BF		FD	CH	PH	1-12121-023/cyl	
							2	135.0 × 2.5 × 5.5	TF		FC	CH	PH	9-12181-149/cyl	
							3	135.0 × 2.5 × 5.5	TF		FC	PH	PH		
							O	135.0 × 7.0 × 6.4	2F		FC	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	
32543	2FAC	E120H	Truck	SPM450,550,650,701,710 SPZ451,TDK46,50,75 VPR290,VPZ440 Bus 10K,15K,20K,35K 30KP,35KP,BU4K,10K,20K	12,023	6	T	135.0 × 4.0 × 5.5	BF		FD	CH	PH	1-12121-015/cyl	
								135.0 × 2.5 × 5.5	TF	FC	CH	PH	1-12121-024/cyl		
								135.0 × 7.0 × 6.4	2F	FC	CH	PH	1-12181-022/cyl		
32526	2FAC	V170 V170-T	Bus	TV30,BH20	16,513	8	T	145.0 × 4.0 × 5.9	BF		FD	CH	CH	1-12121-025-0/cyl	
								145.0 × 3.0 × 5.9	TF SP	FD	CH	PH	1-12181-008-0/cyl		
								145.0 × 6.0 × 6.3	2F	FC	CH	PH			
32550	2FAC	8MA-1 8MA-1T	Truck	SWG590,VWR340,360 VWZ430	16,513	8	T	145.0 × 4.0 × 5.9	BF		FD	CH	CH	1-12121-018/cyl	
								145.0 × 3.0 × 5.9	TF SP	FD	CH	PH	1-12121-019/cyl		
								145.0 × 6.0 × 6.2	2F	FC	CH	PH	1-12181-011/cyl 1-12181-032/cyl		
32699	2FAC	6WG1-TC	GIGA,Tractor		15,681 14,256	6	T	147.0 × 3.806 × 5.5	K BF		FD	CH	PH	1-12121-143-0	
								147.0 × 3.0 × 5.8	TF ST	FD	CH	PH			
								147.0 × 3.0 × 6.0	TF SP	FC	CH	PH			
								147.0 × 4.0 × 4.3	2F	ST	NT	NT			
32698	2FAC	6WG1-TMC	GIGA,Tractor		14,256	6	T	147.0 × 2.919 × 5.5	K BF		FD	CH	PH	1-12121-144-0	
								147.0 × 2.5 × 5.5	TF ST	FD	CH	PH			
								147.0 × 3.0 × 6.0	TF SP	FC	CH	PH			
								147.0 × 4.0 × 4.3	2F	ST	NT	NT			
32697	2FAC	10TD1	GIGA			10	T	158.0 × 3.908 × 5.6	K BF		ST	PV	NT	1-12121-138-1/cyl	
								158.0 × 2.5 × 5.9	TF BT	ST	CH	FE			
								158.0 × 2.5 × 5.9	TF SP	ST	CH	FE			
								158.0 × 4.0 × 5.0	2F	ST	NT	NT			

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	

MAZDA

33715	3F	PB	Familia(323,GLC)		987	4	T	68.0 × 2.0 × 3.0	TF	FC	CH	PH	0249-23-170A		
			1000Pick-Up				2	68.0 × 2.0 × 3.0	TF		SP	FC	PH	PH	0259-23-170A
			Bongo Van,Truck				O	68.0 × 4.0 × 2.9	3F		ST	CH	PH	0259-23-206	
			SPA,SPB,FPA,BPA BPB55,BPA55											0249-23-206	
33756	3F	B1	Truck		987	4	T	68.0 × 1.2 × 2.5	BF	ST	CH	FE	B1YO-11-SCO		
			2				68.0 × 1.5 × 3.1	TF	SP		FC	PH	PH	B1Y1-11-SCOA	
			O				68.0 × 3.0 × 2.9	3F	ST		CH	PH			
33752	3F	E1	Familia		1,100	4	T	70.0 × 1.2 × 3.2	BF	ST	CH	FE	E101-23-130		
			2				70.0 × 1.5 × 3.1	TF	SP		FC	PH	PH		
			O				70.0 × 4.0 × 3.25	3F	ST		CH	PH			
33711	3F	PC TB PA	Prest1200, 1200 Pick-up			4	T	70.0 × 2.0 × 3.1	BF	FC	CH	PH	0268-23-170		
			Familia(323,GLC)				2	70.0 × 2.0 × 3.1	TF		SP	FC	PH	PH	0271-23-206
			BTA55,65,BTAV				O	70.0 × 4.0 × 3.25	3F		ST	CH	PH	0211-23-999	
			FA3PS,A-FA3PS,SPC,SPCV											0317-23-175	
													0317-23-130		
													0268-23-170A		
													0268-23-206		
33757	3F	B3	CANVAS TOP		1,324	4	T	71.0 × 1.2 × 2.6	BF	ST	CH	PH	B3YO-11-SCO		
			2				71.0 × 1.5 × 3.1	TF	SP		FC	PH	PH	B3Y1-11-SCOA	
			O				71.0 × 3.0 × 2.95	3F	ST		CH	PH			
33717	3F	TC	Familia(323,GLC)		1,272	4	T	73.0 × 2.0 × 3.1	TF	FC	CH	PH	0324-23-175		
			BTA,STB,STC,BS7C,HSTBU				2	73.0 × 2.0 × 3.1	TF		SP	FC	PH	PH	0324-23-130
			FA2T55,65,FA3TS,Prest 1300				O	73.0 × 4.0 × 3.2	3F		ST	CH	FE		
			Truck												
			BTA67												
33739	3F	TC(NEW)	Familia(323,GLC)		1,272	4	T	73.0 × 1.5 × 2.7	BF	ST	CH	FE	8034-23-130		
			Bongo(E1300)				2	73.0 × 1.5 × 3.1	TF		SP	FC	PH	PH	8034-23-130A
			Pick-Up, Van,FA4T,BA2T8				O	73.0 × 4.0 × 3.25	3F		ST	CH	PH		
33804	3F	ZJ	Demio		1,348	4	T	74.0 × 1.0 × 2.5	BF	BT	ST	CH	FE	ZJY4-11-SCO	
			2				74.0 × 1.0 × 2.5	TF	SP		ST	FE	FE		
			O				74.0 × 2.0 × 2.25	3F	ST		NT	PH			
33803	3F	K8-DE	MX-3		1,844	6	T	75.0 × 1.5 × 2.8	BF	ST	NT	NT	K8Y2-11-SCO		
			EUNOS 500				2	75.0 × 1.5 × 3.2	TF		SP	FC	PH	PH	
			MS-6				O	75.0 × 3.0 × 2.65	3F		ST	NT	PH		
33724	3F	UA	Craft 1500		1,484	4	T	75.0 × 2.5 × 3.3	BF	FC	CH	PH	0603-23-170A		
			Truck				2	75.0 × 2.5 × 3.3	TF		SP	FC	PH	PH	0603-23-999
			BUD61,61P,DUC9,9C,9V				O	75.0 × 4.0 × 3.2	3F		ST	CH	FE	0107-11-999	
			TUB81,85												

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference	
									①	②	③		Outside	Upper/Lower		
33726	3F	UA(NEW)	Craft(E1500)-New DUE91,DUE95,DUC99		1,484	4	T	75.0 × 2.0 × 3.3	BF		FD	CH	PH	0571-23-170		
							2	75.0 × 2.0 × 3.3	TF		FC	PH	PH	0571-23-180		
							O	75.0 × 4.0 × 3.2	3F		ST	CH	PH			
33787	3F	Z5	Protege		1,489	4	T	75.3 × 1.0 × 2.7	BF		ST	NT	NT	Z5YO-11-SCO		
							2	75.3 × 1.2 × 3.1	TF SP		FC	PH	PH			
							O	75.3 × 2.5 × 2.4	3F		ST	NT	PH			
33743	3FACBC	E3	Familia(323,GLC) BD1031		1,296	4	T	77.0 × 1.2 × 3.25	BF		ST	CH	FE	E301-23-130		
							2	77.0 × 1.5 × 3.2	TF SP		FC	CH	PH	E301-23-130A		
		E5	Familia(323,GLC) BD1051 FORD LASER		1,490		4	O	77.0 × 4.0 × 3.25	3F		ST	NT	NT		
33750	3F	E5-2	323-FWD		1,490	4	T	77.0 × 1.5 × 3.1	BF		ST	CH	FE	E302-23-130A		
							2	77.0 × 2.0 × 3.3	TF SP		FC	PH	PH			
							O	77.0 × 4.0 × 3.25	3F		ST	NT	NT			
33741	3F	UC	Familia(323,GLC)		1,415	4	T	77.0 × 1.5 × 3.2	BF		FD	CH	PH	8569-23-130		
							2	77.0 × 1.5 × 3.2	TF		FC	PH	PH	8569-23-130A		
							O	77.0 × 4.0 × 3.25	3F		ST	CH	PH			
33759	3F	B6	Familia Van Capella		1,597	4	T	78.0 × 1.5 × 3.1	BF		ST	CH	PH	B6Y3-11-SCOA		
							2	78.0 × 1.5 × 3.4	TF SP		FC	PH	PH	B6Y6-11-SCOA		
							O	78.0 × 3.0 × 3.0	3F		ST	NT	PH			
33793	3F	B6-2	Familia Van Capella Cargo Van Familia Wagon		1,597	4	T	78.0 × 1.5 × 3.1	BF		ST	CH	PH	B6YO-11-SCOA		
							2	78.0 × 1.5 × 3.4	TF SP		FC	PH	PH			
							O	78.0 × 4.0 × 2.9	3F		ST	NT	NT			
33755	2F	PN	Familia Diesel		1,720	4	T	78.0 × 2.0 × 2.75	BF		ST	NT	NT	PN11-11-SCO		
							2	78.0 × 1.5 × 3.2	TF BT		FC	CH	PH			
							O	78.0 × 3.0 × 3.55	2F		ST	NT	PH			
33719	3F	VB,NA	Capella(626),SNA,B-SNA Familia 1600,H-SN3AV SN3A,SN3AV SN4A,B-SN4A		1,586	4	T	78.0 × 1.5 × 3.6	TF		FC	CH	PH	0290-23-130		
							2	78.0 × 1.5 × 3.6	TF SP		FC	PH	PH	0305-23-130		
							O	78.0 × 4.0 × 3.55	3F		ST	CH	PH	0484-23-130		
		NA	Luce(929)1800 Truck		1,796		4								0494-23-130	
		VB	BNA61,H-BN61 FORD Courier		1,796		4									D27Z6149
33742	3F	NA(NEW)	Capella(626) CB2N,BA2N,Bongo E1600 Pick-Up, Van		1,796	4	T	78.0 × 1.2 × 3.3	BF		ST	CH	FE	8170-23-130		
							2	78.0 × 1.5 × 3.6	TF SP		FC	PH	PH	8170-23-130A		
							O	78.0 × 4.0 × 3.55	3F		ST	CH	PH	8658-23-130		
													H604-23-130			
33746	3F	NA-2	Luce-B1600 Pick-Up, Truck		1,586	4	T	78.0 × 1.5 × 3.5	BF		ST	CH	FE	H617-23-130		
							2	78.0 × 2.0 × 3.6	TF SP		FC	PH	PH			
							O	78.0 × 4.0 × 3.25	3F		ST	NT	PH			
33714	3F	UB,VB	Luce(929) Capella(626) SUN,SVA,SVZA		1,490	4	T	78.0 × 2.0 × 3.6	TF		FC	CH	PH	0222-23-206		
							2	78.0 × 2.0 × 3.6	TF		FC	PH	PH	0222-23-130		
							O	78.0 × 4.0 × 3.55	3F		ST	CH	PH			

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33788	3F	ZL	Protege		1,597	4	T	78.0 × 1.2 × 2.55	BF		ST	CH	FE	ZLYO-11-SCO	
							2	78.0 × 1.5 × 3.1	TF	SP	FC	PH	PH		
							O	78.0 × 3.0 × 2.85	3F		ST	CH	PH		
33795	3F	ZY-VE	Demio		1,500	4	T	78.0 × 1.2 × 2.5	BF		ST	CH	FE	ZYY1-11-SCO	
			AXELA				2	78.0 × 1.2 × 3.2	TF	SP	FC	PH	PH	ZYY2-11-SCO	
			MAZDA2				O	78.0 × 2.5 × 2.3	3F		ST	NT	NT		
33728	3F	VC	Luce(929)		1,769	4	T	80.0 × 2.0 × 3.7	BF		FC	CH	PH	0453-23-130	
							2	80.0 × 2.0 × 3.7	TF	SP	FC	PH	PH	0453-23-130B	
			MA	LA2V,LA3V,2VV 3VS,C-LA30S COSMO(121),C-CD2VC			1,970	O	80.0 × 4.0 × 3.55	3F		ST	CH	PH	3975-23-130
33737	3F	VC(NEW) MA(NEW)	Luce(929L)		1,769	4	T	80.0 × 1.2 × 3.5	BF		ST	CH	FE	8682-23-130	
			B1800 Pick-Up,Bongo	1,970			2	80.0 × 1.5 × 3.6	TF	SP	FC	PH	PH	8682-23-130A	
			LA4V,LA4M,LA2V				O	80.0 × 4.0 × 3.35	3F		ST	CH	PH	HE18-23-130	
			CB2V,CD2V BA2V8H,BA2V9H Cosmo(121L) LA4M,CD3M,CB2M												
			FORD Courier	1,970											D97Z-6149
33745	3F	MA-2 VB	Cosmo		1,970	4	T	80.0 × 1.5 × 3.4	BF		FD	CH	PH	HE05-23-130	
			Luce				2	80.0 × 2.0 × 3.7	TF	SP	FC	PH	PH		
							O	80.0 × 4.0 × 3.25	3F		ST	NT	PH		
33748	3F	F6	626FWD		1,587	4	T	81.0 × 1.5 × 3.2	BF		ST	CH	FE	F601-23-130	
							2	81.0 × 1.5 × 3.6	TF	SP	FC	PH	PH		
							O	81.0 × 4.0 × 3.25	3F		ST	NT	PH		
33725	3F	VA EVB	EVA12,TVA,EVB,EVX		1,985	4	T	82.0 × 2.0 × 3.6	TF		FC	CH	PH	1352-23-130	
			G2000				2	82.0 × 2.0 × 3.6	TF		FC	PH	PH	0552-23-180	
							O	82.0 × 4.5 × 3.55	3F		ST	CH	PH	0552-23-190	
33769	3F	BP	Familia		1,800	4	T	83.0 × 1.5 × 3.1	BF		ST	NT	NT	BPY1-11-SCO	
							2	83.0 × 1.5 × 3.6	TF	SP	FC	PH	PH		
							O	83.0 × 3.0 × 2.95	3F		ST	NT	PH		
33791	3F	FPD, FSD				4	T	83.0 × 1.2 × 3.1	BF	BT	ST	CH	FE	FSY2-11-SCOA	
							2	83.0 × 1.5 × 3.6	TF	SP	FC	PH	PH		
							O	83.0 × 3.0 × 3.05	3F		ST	CH	PH		
33761	3F	FS	FORD NEW TELSTAR		1,800	4	T	83.0 × 1.2 × 3.15	BF	BT	ST	NT	NT	FSY2-11-SCO	
							2	83.0 × 1.5 × 3.6	TF	SP	FC	PH	PH		
							O	83.0 × 3.0 × 3.05	3F		ST	CH	PH		
33762	3F	FS	FORD NEW TELSTAR		1,800	4	T	83.0 × 1.2 × 3.1	BF	BT	ST	CH	FE	FSY2-11-SCOA	
							2	83.0 × 1.5 × 3.6	TF	SP	FC	PH	PH		
							O	83.0 × 3.0 × 2.95	3F		ST	CH	PH		
33768	3F	KL	Capella Wagon		2,500	6	T	84.5 × 1.5 × 3.1	BF		ST	CH	PH	KLY2-11-SCOA	
							2	84.5 × 1.5 × 3.6	TF	SP	FC	PH	PH		
							O	84.5 × 3.0 × 2.9	3F		ST	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33747	3F	F8	Capella,Luce,Cosmo 626FWD E-GC8		1,789	4	T	86.0 × 1.5 × 3.35	BF		ST	NT	NT	F801-23-130	
							2	86.0 × 1.5 × 3.8	TF		FC	PH	PH	F801-23-130A	
							O	86.0 × 4.0 × 3.25	3F		ST	NT	PH		
33800	3F	FE	Luce Eunos300 Bongo		1,998	4	T	86.0 × 1.5 × 3.3	BF		ST	NT	NT	F2Y1-11-SCO	
							2	86.0 × 1.5 × 3.8	SF		FC	PH	PH	F2Y2-11-SCO	
							O	86.0 × 4.0 × 3.4	3F		ST	NT	NT		
33751	2F	R2	J100,Bongo N-SD2		2,184	4	T	86.0 × 2.0 × 3.1	BF BT		ST	CH		R201-23-130A	
							2	86.0 × 2.0 × 3.6	TF ST		FC	PH	PH	R201-23-130B	
							O	86.0 × 4.0 × 3.9	2F		ST	NT	NT		
33760	2F	R2(New)	Bongo		2,184	4	T	86.0 × 2.0 × 3.1	BF BT		ST	CH		R2B6-11-SCO	
							2	86.0 × 2.0 × 3.6	TF ST		FC	PH	PH		
							O	86.0 × 3.0 × 3.3	2F		ST	NT	NT		
33789	2FAC	RFX RFT	Capella		2,000	4	T	86.0 × 2.0 × 2.95	HK BF		ST	NT	NT	RFO1-23-130	
							2	86.0 × 2.0 × 3.6	TF ST		FC	CH	PH	RFYO-11-SCOD	
							O	86.0 × 4.0 × 4.2	2F		ST	NT	NT		
33790	3F	LF-DE L3	MAZDA6		2,000	4	T	87.5 × 1.2 × 2.7	BF		ST	NT	NT	L3Y1-11-SCOA	
							2	87.5 × 1.2 × 3.3	TF SP		FC	PH	PH	L3Y6-11-SCO	
							O	87.5 × 2.5 × 2.55	3F		ST	CH	PH	LFY1-11-SCOA FORD:AS7J6148BA L3Y3-11-SCO	
33723	PS	YA EYA	E3500 E3800		3,783	6	T	88.9 × 2.38 × 3.5	TF		FD	CH	PH	0727-23-206	
							2	88.9 × 2.38 × 3.5	SF ST		FD	PH	PH	0727-23-207	
							3	88.9 × 2.38 × 3.5	SF ST		FD	PH	PH	0727-23-210	
							O	88.9 × 4.76 × 3.5	1F		FC	CH	PH	0728-23-206	
							O	88.9 × 4.76 × 3.5	1F		FC	CH	PH	0728-23-207	
33721	PS	XA EXA	Truck E2500,EXA32S,33S,35S 44S,74S,EXB43S Bus AEKA,AEXA,AEXB		2,522	4	T	88.9 × 2.38 × 3.5	TF		FD	CH	PH	0559-23-206	
							2	88.9 × 2.38 × 3.5	SF ST		FD	CH	PH	0559-23-207	
							3	88.9 × 2.38 × 3.5	SF ST		FD	CH	PH	0636-23-206	
							O	88.9 × 4.76 × 3.5	1F		FD	CH	PH	0636-23-207	
							O	88.9 × 4.76 × 3.5	1F		FC	PH	PH	0636-23-210	
33744	2F	S2	Luce(929L),Bongo LA4S,BA2S8,BA2S9		2,209	4	T	88.9 × 2.38 × 3.5	BF		FD	CH	PH	1456-23-206	
							2	88.9 × 2.38 × 3.5	TF ST		FD	PH	PH		
		XA(NEW)	Titan E2500 WEW051		2,522	O	88.9 × 4.76 × 4.2	2F		FC	CH	PH			
33784	3F	G6	MPV			4	T	92.0 × 1.5 × 3.25	BF		ST	CH	FE	G601-11-SCOA	
							2	92.0 × 1.5 × 3.9	TF		FC	PH	PH		
							3	92.0 × 4.0 × 2.95	3F		ST	CH	PH		
33730	PS	XB EXC	Titan E2700 EXM,EXC13,EXC43		2,701	4	T	92.0 × 2.38 × 3.6	SF		FD	CH	PH	0527-23-206	
							2	92.0 × 2.38 × 3.6	SF ST		FC	PH	PH	0528-23-206	
							3	92.0 × 2.38 × 3.6	SF ST		FC	PH	PH		
							O	92.0 × 4.76 × 3.6	1F		FD	CH	PH		
							O	92.0 × 4.76 × 3.6	1F		FC	PH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33731	PS	ZB EZA XB	Titan E4100 EZA,EZB		4,052	6	T	92.0 × 2.38 × 3.6	SF		FD	CH	PH	0784-23-206	
							2	92.0 × 2.38 × 3.6	SF ST	FC	PH	PH			
							3	92.0 × 2.38 × 3.6	SF ST	FC	PH	PH			
							O	92.0 × 4.76 × 3.6	1F	FD	CH	PH			
							O	92.0 × 4.76 × 3.6	1F	FC	PH	PH			
33767	2FAC	ZB,XB	Trader		4,100	6	T	92.026 × 2.38 × 3.6	BF		FD	CH	PH	V101-23-206	
							2	92.026 × 2.38 × 3.6	TF ST	FC	CH	PH			
							O	92.026 × 4.76 × 4.3	2F	FC	CH	PH			
33799	2FAC	WE WL	BT-50 2.5 16V		2,500	4	T	93.0 × 2.0 × 3.3	BF BT	ST	NT	NT	WLY6-11-SCO		
							2	93.0 × 1.5 × 3.3	TF	FC	CH	PH			
							O	93.0 × 2.0 × 2.8	2F	ST	NT	NT			
33781	2FAC	WL	Bongo Ford		2,500	4	T	93.0 × 2.5 × 3.55	BF BT	ST	NT	NT	WLY1-11-SCO		
							2	93.0 × 2.0 × 3.9	TF BT	FC	CH	PH			
							O	93.0 × 3.0 × 3.9	2F	ST	NT	NT			
33735	2FAC	HA	Titan E3000,T3000 WEWOF1,WEYOF1 Parkway Bus,TA3H		2,977	4	T	95.0 × 2.38 × 3.8	BF		FD	CH	PH	1363-23-206	
							2	95.0 × 2.38 × 3.8	BF ST	FD	CH	PH	SE01-23-130		
							O	95.0 × 4.76 × 4.25	2F	FC	CH	PH	SE01-23-206		
33783	2FAC	W9	B2900			4	T	95.0 × 2.5 × 3.55	BF		ST	NT	NT	W9Y1-11-SCO	
							2	95.0 × 2.0 × 3.9	TF	FC	CH	PH			
							O	95.0 × 3.0 × 3.4	2F	ST	NT	NT			
33802	2FAC	WE-2	BT50 3.0L			4	T	96.0 × 2.0 × 3.3	BF BT	ST	PV		WEY1-11-SCO		
							2	96.0 × 1.5 × 3.4	TF	ST	NT	NT			
							O	96.0 × 2.0 × 2.8	2F	ST	NT	NT			
33794	2F	VS	Titan			4	T	98.0 × 2.5 × 3.35	BF		ST	NT	NT	VSY1-11-SCOD	
							2	98.0 × 2.0 × 3.9	TF ST	FC	CH	PH			
							O	98.0 × 3.0 × 3.15	2F	ST	NT	NT			
33765	2FAC	SL	Titan,Truck		3,455	4	T	100.0 × 2.5 × 4.1	BF		ST	CH	FE	SL07-23-206	
							2	100.0 × 2.0 × 4.2	TF ST	FC	CH	PH			
							O	100.0 × 4.5 × 4.26	2F	ST	CH	FE			
33785	2FAC	SL	Trader Titan		3,455	4	T	100.0 × 2.5 × 4.2	HK BF		FD	CH	PH	SL01-23-206A	
							2	100.0 × 2.0 × 4.2	TF ST	FC	CH	PH			
							O	100.0 × 4.5 × 4.26	2F	ST	CH	FE			
33801	2FAC	SL	Titan		3,455	4	T	100.0 × 2.5 × 4.2	BF		ST	NT	NT	SL50-11-SCO	
							2	100.0 × 2.0 × 4.2	TF ST	FC	CH	PH	SL07-23-206		
							O	100.0 × 4.5 × 4.26	2F	ST	CH	FE	K4Y0-11-SCO		
33766	2FAC	TF	Titan		4,000	4	T	105.505 × 2.5 × 4.5	HK BF BB		FD	CH	PH	TF01-11-SCO	
							2	105.505 × 2.0 × 4.6	TF ST	FC	CH	PH			
							O	105.505 × 4.5 × 4.5	2F	ST	CH	FE			
33780	2FAC	TM				4	T	109.0 × 3.0 × 3.95	HK BF BB		ST	NT	NT	TMYO-11-SCO	
							2	109.0 × 2.0 × 4.6	TF ST	FC	CH	PH			
							O	109.0 × 3.0 × 3.76	2F	ST	NT	NT			

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	

MITSUBISHI

33973	3F	4A30			660	4	T	60.0 × 1.0 × 2.0	BF	ST	CH	FE	MD301853
							2	60.0 × 1.2 × 2.6	TF	FC	PH	PH	
							O	60.0 × 2.5 × 2.45	3F	ST	CH	PH	
33971	3F	4A30T			660	4	T	60.0 × 1.0 × 2.0	BF	ST	CH	FE	MD301870
							2	60.0 × 1.2 × 2.6	TF	FC	PH	PH	
							O	60.0 × 2.5 × 2.45	3F	ST	CH	PH	
33844	3F	2G21	Minica F4,2G,21,A102,103		359	2	T	62.0 × 1.5 × 2.8	BF	FC	CH	PH	MD016760 MD016765
							2	62.0 × 1.5 × 2.8	TF	FC	PH	PH	
							O	62.0 × 2.5 × 2.8	3F	ST	CH	PH	
33460	3F	3G83				3	T	65.0 × 1.0 × 2.25	BF	ST	CH	FE	1110B685
							2	65.0 × 0.8 × 2.5	TF	FD	PH	PH	
							O	65.0 × 2.0 × 1.95	3F	ST	CH	PH	
33847	3F	2G22	Minica 2G,22		471	2	T	65.0 × 1.5 × 2.8	BF	FC	CH	PH	MD019470
							2	65.0 × 1.5 × 2.8	TF	FC	PH	PH	
							O	65.0 × 2.5 × 2.8	3F	ST	CH	PH	
33896	3F	3G82	Minica		660	3	T	65.0 × 1.5 × 2.6	BF	ST	CH	FE	MD120081
							2	65.0 × 1.5 × 2.9	TF	FC	CH	PH	
							O	65.0 × 2.8 × 2.6	3F	ST	CH	PH	
33972	3F	3G83-N	Minica		660	3	T	65.0 × 1.0 × 2.25	BF	ST	CH	FE	MD362974
							2	65.0 × 0.8 × 2.5	TF	FD	PH	PH	
							O	65.0 × 2.0 × 2.45	3F	ST	CH	PH	
33974	3F	3G83-N	Minica		660	3	T	65.0 × 1.2 × 2.3	BF	ST	CH	FE	MD160195
							2	65.0 × 1.2 × 2.9	TF	FC	PH	PH	
							O	65.0 × 2.8 × 2.45	3F	ST	CH	PH	
33930	3F	4G82	Minica			4	T	65.0 × 1.5 × 2.6	BF	ST	CH	FE	
							2	65.0 × 1.5 × 2.9	TF	FC	CH	PH	
							O	65.0 × 2.8 × 2.6	3F	ST	CH	PH	
33995	3F	4A31	Pajero Toppo		1,094	4	T	66.0 × 1.0 × 2.2	BF	ST	CH	FE	
							2	66.0 × 1.2 × 2.9	TF	FC	PH	PH	
							O	66.0 × 2.5 × 2.75	3F	ST	CH	PH	
33857	3FBC	4G11-G	Colt		1,244	4	T	68.2 × 1.5 × 3.1	BF	FC	CH	PH	MD030360
		4G11-EC					2	68.2 × 1.5 × 3.1	TF	FC	PH	PH	MD031730
		4G16-C					O	68.2 × 4.0 × 3.3	3F	ST	CH	PH	MD115495
33858	3F	4G11	Mirage,Lancer		1,244	4	T	69.5 × 1.5 × 3.1	BF	FC	CH	PH	MD030350
			Dodge Colt				2	69.5 × 1.5 × 3.1	TF	FC	PH	PH	MD031670
			A155,A151,A141,A171				O	69.5 × 4.0 × 3.2	3F	ST	CH	PH	
33855	3F	2G23	Minica		550	2	T	70.0 × 1.5 × 3.1	BF	FC	CH	PH	MD019610
			Mini Cab Wide55				2	70.0 × 1.5 × 3.1	TF	FC	PH	PH	
			L100,A105,A106 L013 MAZDA Porter Cab,PC4D				O	70.0 × 2.5 × 2.8	3F	ST	CH	PH	

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33894	3FAC	2G23	Minica	Mini Cab Wide55	550	2	T	70.0 × 1.5 × 2.9	BF		ST	CH	FE	MD011965	
							2	70.0 × 1.5 × 3.1	TF		FC	CH	PH		
							O	70.0 × 2.5 × 2.9	3F		ST	CH	PH		
			L100,A105,A106												
			L013												
			MAZDA Porter Cab,PC4D												
33446	2F	L2C,L3C					T	70.0 × 2.0 × 2.55	BF		ST	NT	NT	MN433712	
							2	70.0 × 2.0 × 3.0	TF ST		FC	PH	PH		
							O	70.0 × 3.0 × 3.55	2F		ST	NT	NT		
1cyl/set															
33897	3F	4G13(NEW)	Lancer,Mirage	Proton	1,298	4	T	71.0 × 1.2 × 2.55	BF		ST	NT	NT	MD158908	
							2	71.0 × 1.5 × 3.1	TF		FC	PH	PH		
							O	71.0 × 3.0 × 2.85	3F		ST	NT	NT		
33401	3FAC	4G13-C				4	T	71.0 × 1.5 × 3.0	BF		ST	NT	NT	MD156170	
							2	71.0 × 1.5 × 3.1	TF		FC	PH	PH		
							O	71.0 × 4.0 × 3.2	3F		ST	NT	NT		
33944	3F	4G13-N	Lancer,Mirage		1,298	4	T	71.0 × 1.2 × 2.55	BF		ST	NT	NT	MD335422	
							2	71.0 × 1.5 × 2.9	TF		FC	PH	PH		
							O	71.0 × 2.8 × 2.5	3F		ST	NT	NT		
33841	2F	4G42	Lancer 1200	Colt 1200	1,187	4	T	71.0 × 2.0 × 3.3	BF		FC	CH	PH	MD010755	
							2	71.0 × 2.0 × 3.3	TF		FC	PH	PH		
							O	71.0 × 4.0 × 4.0	2F		FC	CH	PH		
			A71,71V,H-71V												
33875	3F	G13-B 4G13-C	Mirage	Lancer C11A	1,298	4	T	71.0 × 1.5 × 3.1	BF		FC	CH	CH	MD074687	
							2	71.0 × 1.5 × 3.1	TF		FC	NT	NT		
							O	71.0 × 4.0 × 3.3	3F		ST	CH	PH		
33880	3F	4G36-EC	Mirage,Colt			4	T	71.8 × 1.5 × 3.2	BF		FC	CH	PH	MD009539	
							2	71.8 × 1.5 × 3.2	TF		FC	PH	PH		
							O	71.8 × 4.0 × 3.2	3F		ST	CH	PH		
33900	3F	4G17	Mirage,Colt		1,300	4	T	72.2 × 1.2 × 2.55	BF		ST	NT	NT	MD165325	
							2	72.2 × 1.5 × 3.1	TF		FC	PH	PH		
							O	72.2 × 3.0 × 2.85	3F		ST	NT	NT		
33830	3F	4G30	GALANT A51,51H,51V	Lancer 1400	1,298	4	T	73.0 × 2.0 × 3.3	BF		FC	CH	PH	MD000770	
							2	73.0 × 2.0 × 3.3	TF		FC	PH	PH		
							O	73.0 × 4.0 × 3.25	3F		ST	CH	PH		
			A72,72V,B-A72												
			H-A72U												
			Galant 1200,55C,A62												
33856	3F	4G33 4G33(NEW) 4G33-H	Lancer,Celeste,Delica	L300,A72,L031	1,439	4	T	73.0 × 1.5 × 2.7	BF		ST	CH	FE	MD009625	
							2	73.0 × 1.5 × 3.1	TF SP		FC	PH	PH		
							O	73.0 × 4.0 × 3.25	3F		ST	CH	PH		
33895	3F	4G33-C	Lancer,Celeste,Delica		1,439	4	T	73.0 × 1.5 × 2.7	BF		ST	CH	FE	MD115500	
							2	73.0 × 1.5 × 3.1	TF SP		FC	PH	PH		
							O	73.0 × 4.0 × 3.25	3F		ST	CH	PH		

MITSUBISHI

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33907	3F	4G33-H	GALANT A51,51H,51V		1,298	4	T	73.0 × 1.5 × 2.7	BF		ST	CH	FE	MD034010	
		4G33(OLD)	Lancer 1400		1,439		2	73.0 × 1.5 × 3.1	TF SP		FC	PH	PH		
		4G36	A72,72V,B-A72				O	73.0 × 4.0 × 3.25	3F			ST	CH		PH
			H-A72U Galant 1200,55C,A62												
33859	3F	G12	Lancer,Celeste		1,410	4	T	74.0 × 1.5 × 3.25	BF		FC	CH	PH	MD030355	
		4G12	Mirage,Dodge Colt				2	74.0 × 1.5 × 3.25	TF		FC	PH	PH	MD031700	
		G12-H	Plymouth Champ				O	74.0 × 4.0 × 3.25	3F		ST	CH	PH	MD012025	
		G120-V	A142,A152,A156,A172											MD012035	
		G12-T													
33883	3F	G31	Mirage C18A		1,499	4	T	74.5 × 1.5 × 3.0	BF		ST	CH	FE	MD107368	
		G31-B	Hyundai 23433-31500				2	74.5 × 1.5 × 3.4	TF		FC	PH	PH	23433-31500	
		4G31-B					O	74.5 × 4.0 × 3.2	3F		ST	CH	PH	(Hyundai)	
33400	3F	6G71				6	T	74.7 × 1.5 × 3.25	BF		ST	CH	FE	MD104889	
			2	74.7 × 1.5 × 3.3	TF		FC	PH	PH						
			O	74.7 × 4.0 × 3.15	3F		ST	CH	PH						
33450	3F	4A91	Colt		1,498	4	T	75.0 × 1.2 × 2.7	BF		ST	NT	NT	MN195612	
				2	75.0 × 0.8 × 2.55	TF		ST	FE	FE					
				O	75.0 × 2.0 × 1.95	3F		ST	CH	PH					
33998	3F	6A11-S4				6	T	75.0 × 1.2 × 2.85	BF		ST	CH	FE	MD189109	
			2	75.0 × 1.2 × 3.3	TF		FC	PH	PH						
			O	75.0 × 2.8 × 2.55	3F		ST	CH	PH						
33898	3F	4G15(NEW)	Lancer,Mirage,Proton		1,468	4	T	75.5 × 1.2 × 2.75	BF		ST	NT	NT	MD158549	
			Libero Cago, R-CB2V				2	75.5 × 1.5 × 3.3	TF		FC	PH	PH	MD180804	
							O	75.5 × 3.0 × 2.85	3F		ST	NT	NT		
33403	3F	4G15L			1,468	4	T	75.5 × 1.2 × 2.8	BF BT		ST	CH	FE	MD187168	
			2	75.5 × 1.5 × 3.0	TF		FC	PH	PH						
			O	75.5 × 3.0 × 2.85	3F		ST	CH	PH						
33946	3F	4G15-S3	Lancer,Mirage		1,468	4	T	75.5 × 1.2 × 2.75	BF		ST	NT	NT	MD331313	
			2	75.5 × 1.5 × 3.2	TF		FC	PH	PH						
			O	75.5 × 2.8 × 2.5	3F		ST	NT	NT						
33405	3FAC	4G19 75.5				4	T	75.5 × 1.0 × 2.7	BF		ST	NT	NT	MN119569	
			2	75.5 × 1.2 × 2.7	TF SP		FC	PH	PH						
			O	75.5 × 2.0 × 2.0	3F		ST	CH	PH						
33876	3F	G15-B	Mirage,Lancer		1,468	4	T	75.5 × 1.5 × 3.3	BF		FC	CH	PH	MD074725	
		G15-H	Colt C12A,C52A,C62A				2	75.5 × 1.5 × 3.3	TF		FC	PH	PH	MD078548	
		G15-C	Proton				O	75.5 × 4.0 × 3.2	3F		ST	CH	PH	MD104656	
		4G15													
33432	3F	G15-C				4	T	75.5 × 1.5 × 3.3	BF		ST	NT	NT	MD156165	
			2	75.5 × 1.5 × 3.3	TF		FC	PH	PH						
			O	75.5 × 4.0 × 3.2	3F		ST	NT	NT						
33882	3FAC	2G24	Minica		548	2	T	76.0 × 1.5 × 3.3	BF		ST	CH	FE	MD018280	
				2	76.0 × 1.5 × 3.3	TF		FC	CH	PH					
				O	76.0 × 2.5 × 2.85	3F		ST	NT	NT					

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33934	3F	4G18				4	T	76.0 × 1.2 × 2.75	BF		ST	NT	NT	MD349422	
							2	76.0 × 1.5 × 3.1	TF	SP	FC	PH	PH		
							O	76.0 × 2.8 × 2.6	3F		ST	NT	NT		
33937	3F	4G18-2	Progon Waja			4	T	76.0 × 1.2 × 2.7	BF		ST	NT	NT	MD361982	
							2	76.0 × 1.2 × 3.2	TF	SP	FC	PH	PH		
							O	76.0 × 2.5 × 2.6	3F		ST	CH	PH		
33938	3F	4G18-3	Progon Waja			4	T	76.0 × 1.2 × 2.75	BF		ST	NT	NT	MD361983	
							2	76.0 × 1.2 × 3.2	TF	SP	FC	PH	PH		
							O	76.0 × 2.5 × 2.6	3F		ST	NT	NT		
33445	2FAC	K3,4E				4	T	76.0 × 2.5 × 3.3	HK	BF	FC	CH	PH	MM431579	
							2	76.0 × 2.0 × 3.3	TF	ST	FC	CH	PH		
							O	76.0 × 4.0 × 4.25	2F		ST	NT	NT		
1cyl/set															
33444	2F	L2E				4	T	76.0 × 2.0 × 2.75	HK	BF	ST	NT	NT	MN433713	
							2	76.0 × 2.0 × 3.3	TF	ST	FC	PH	PH		
							O	76.0 × 3.0 × 3.55	2F		ST	NT	NT		
1cyl/set															
33987	2F	L2E,L3E				4	T	76.0 × 2.0 × 3.3	HK	BF	FC	CH	PH	MM433152	
							2	76.0 × 2.0 × 3.2	TF		FC	PH	PH		
							O	76.0 × 3.0 × 3.55	2F		ST	NT	NT		
1cyl/set															
33839	3FAC	4G41	Galant, Delica		1,378	4	T	76.5 × 2.0 × 3.5	BF		FC	CH	PH	MD010710	
							2	76.5 × 2.0 × 3.5	TF		FC	CH	PH	MD010715	
							O	76.5 × 4.0 × 3.7	3F		ST	CH	PH	MD011893	
			T61, T120, 120C, 120W, H-T120 Coupe FTO												
33832	3F	4G32 G32	GalantΣ, Sapporo Lancer, Celeste, Mirage, Delica A53, 53C, 53V, 53H, 63, 73 112, 121, 144, 153, 157, 161 174, B-A73, L021, 32 Forte, L200, Dodge Colt Plymouth Champ		1,597	4	T	76.9 × 2.0 × 3.5	BF		FC	CH	PH	MD000725	
							2	76.9 × 2.0 × 3.5	TF		FC	PH	PH	MD004709	
							O	76.9 × 4.0 × 3.65	3F		ST	CH	PH	MD004739	
														MD004770	
														MD005885	
													MD007251		
														MD008105	
														MD106741	
33884	3F	4G32-2				1,597	4	T	76.9 × 2.0 × 2.95	BF		ST	NT	NT	MD110632
							2	76.9 × 2.0 × 3.5	TF		FC	PH	PH		
							O	76.9 × 4.0 × 3.2	3F		ST	NT	NT		
33870	3F	G32-T G32EC-T 4G32-T/C	Cordia, GalantΣ Chariot, Tredia Turbo			1,597	4	T	76.9 × 1.5 × 3.2	BF		ST	CH	PH	MD012765
							2	76.9 × 1.5 × 3.5	TF		FC	PH	PH	MD062387	
							O	76.9 × 4.0 × 3.7	3F		ST	CH	PH	MD093337	
														MD099430	
33891	3FAC	2G25	Minica			660	2	T	78.0 × 1.5 × 3.2	BF		FD	CH	PH	MD011810
								2	78.0 × 1.5 × 3.3	TF		FC	CH	PH	MD083152
								O	78.0 × 2.5 × 2.9	3F		ST	NT	NT	
33442	2F	3SL, 4SL				1	T	78.0 × 2.5 × 2.7	HK	BF	ST	NT	NT	31A17-00010	
							2	78.0 × 2.0 × 3.5	TF	ST	FC	PH	PH		
							O	78.0 × 4.0 × 4.25	2F		ST	NT	NT		

MITSUBISHI

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33985	2F	K4F-DT				4	T	78.0 × 2.5 × 3.4	HK	BF	BB	FC	CH	PH	MM437295
							2	78.0 × 2.0 × 3.4		TF	ST	FC	PH	PH	
							O	78.0 × 4.0 × 4.25	2F		ST	NT	NT		
1cyl/set															
33945	3F	4G91	Mirage		1,496	4	T	78.4 × 1.2 × 3.0		BF		ST	CH	FE	MD177113
							2	78.4 × 1.2 × 3.25		TF		FC	PH	PH	
							O	78.4 × 2.8 × 2.6	3F		ST	CH	PH		
33941	3FAC	6A12	Proton Perdana Eterna,Galant,Diamante		2,000	6	T	78.4 × 1.2 × 2.95		BF		ST	NT	NT	MD302644
							2	78.4 × 1.2 × 3.5		TF		FC	CH	PH	
							O	78.4 × 2.8 × 2.65	3F		ST	NT	NT		
33940	3F	6A12-NA	Proton Perdana Eterna,Galant,Diamante		2,000	6	T	78.4 × 1.2 × 3.0		BF		ST	CH	FE	MD189104
							2	78.4 × 1.2 × 3.5		TF		FC	PH	PH	
							O	78.4 × 2.8 × 2.6	3F		ST	CH	PH		
33424	3FAC	6A12 T/C				6	T	78.4 × 1.2 × 2.95		BF	BT	ST	NT	NT	MD189119
							2	78.4 × 1.2 × 3.45		TF		FC	CH	PH	
							O	78.4 × 2.8 × 2.6	3F		ST	NT	NT		
33840	3FAC	4G35	Galant GTO A55		1,686	4	T	79.0 × 1.5 × 3.4		BF		FD	CH	PH	MD003184
							2	79.0 × 1.5 × 3.4		TF		FD	CH	PH	MD004835
							O	79.0 × 4.0 × 3.8	3F		ST	CH	FE		
33878	2FAC	4D6 4D65	Mirage Colt C14A		1,795	4	T	80.6 × 2.0 × 3.15	HK	BF	BB	ST	NT	NT	MD071206
							2	80.6 × 2.0 × 3.7		TF		FD	CH	PH	MD127022
							O	80.6 × 4.0 × 4.25	2F		ST	CH	FE		
33879	2FAC	4D6 4D65-T	Galant,Mirage,Colt		1,795	4	T	80.6 × 2.0 × 3.15	HK	BF	BB	ST	NT	NT	MD078209
							2	80.6 × 2.0 × 3.5	HK	TF	BB	FD	CH	PH	MD078309
							O	80.6 × 4.0 × 4.25	2F		ST	CH	FE	MD136692	
33889	2FAC	4D65	Colt,Galant		1,795	4	T	80.6 × 2.0 × 3.15	HK	BF	BB	ST	NT	NT	MD116000
							2	80.6 × 2.0 × 3.5	HK	TF	BB	FD	CH	PH	
							O	80.6 × 4.0 × 4.25	2F		ST	CH	FE		
33904	2F	4D65	Galant,Mirage,Colt		1,795	4	T	80.6 × 2.0 × 3.15	HK	BF	BB	ST	NT	NT	MD127017
							2	80.6 × 2.0 × 3.7		TF		FC	CH	PH	MD071206
							O	80.6 × 4.0 × 4.25	2F		ST	CH	FE	MD127022	
33885	3F	4G37 G37	Galant		1,755	4	T	80.6 × 1.5 × 3.15		BF		ST	NT	NT	MD106028
							2	80.6 × 1.5 × 3.7		TF		FC	PH	PH	
							O	80.6 × 4.0 × 3.2	3F		ST	NT	NT		
33954	3FAC	4G37-EC 4G62	E-E12A		1,800	4	T	80.6 × 1.5 × 3.15		BF		ST	NT	NT	MD154012
							2	80.6 × 1.5 × 3.7		TF		FC	CH	PH	
							O	80.6 × 4.0 × 2.9	3F		ST	NT	NT		
33871	3F	G62-T G62-V 4G62	Galant,Tredia,Cordia Delica stare		1,795	4	T	80.6 × 1.5 × 3.5		BF		ST	CH	FE	MD040465
							2	80.6 × 1.5 × 3.7		TF		FC	PH	PH	MD077113
							O	80.6 × 4.0 × 3.2	3F		ST	CH	PH		
33863	3F	G62B 4G62	GalantΣ,Sapporo Lancer,A162,A175		1,795	4	T	80.6 × 2.0 × 3.5		BF		FD	CH	PH	MD040610
							2	80.6 × 2.0 × 3.65		TF		FC	PH	PH	MD106736
							O	80.6 × 4.0 × 3.2	3F		ST	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33842	3FAC	4G51	GalantΣ1850 A114		1,855	4	T	81.0 × 2.0 × 3.5	BF		FD	CH	PH	MD023060	
							2	81.0 × 2.0 × 3.7	TF		FC	CH	PH		
							O	81.0 × 4.0 × 3.7	3F		ST	CH	PH		
33902	3F	4G92 4G92,93-EC	Mirage,Lancer Proton		1,592	4	T	81.0 × 1.2 × 2.8	BF		ST	CH	PH	MD173206	
							2	81.0 × 1.2 × 3.6	TF		FC	CH	PH	MD173211	
							O	81.0 × 2.8 × 2.65	3F		ST	NT	NT		
33955	3FAC	4G93-GDI				4	T	81.0 × 1.2 × 3.15	BF BT		ST	NT	NT	MD357240	
							2	81.0 × 1.2 × 3.55	TF		FC	CH	PH	MD180348	
							O	81.0 × 2.8 × 2.65	3F		ST	NT	NT		
33425	3FAC	6A13-D4,T/C				6	T	81.0 × 1.2 × 3.0	BF		ST	NT	NT	MD336736	
							2	81.0 × 1.2 × 3.55	TF		FC	CH	PH	MD339229	
							O	81.0 × 2.8 × 2.65	3F		ST	NT	NT		
33967	3F	6A13-S4				6	T	81.0 × 1.2 × 3.1	BF		ST	CH	FE	MD336735	
							2	81.0 × 1.2 × 3.6	TF		FC	PH	PH	MD344094	
							O	81.0 × 2.8 × 2.55	3F		ST	CH	PH	MD344095	
33966	3F	4G94-S4				4	T	81.5 × 1.2 × 2.7	BF BT		ST	NT	NT	1110B098	
							2	81.5 × 1.2 × 3.4	TF SP		FC	PH	PH	1110B099	
							O	81.5 × 2.5 × 2.6	3F		ST	CH	PH	1110B100	
														MN183585	
														MN187178	
33932	3FAC	4G61	Mirage,Lancer			4	T	82.3 × 1.2 × 3.15	BF		ST	NT	NT	MD133495	
							2	82.3 × 1.5 × 3.8	TF		FC	CH	PH		
							O	82.3 × 3.0 × 2.85	3F		ST	NT	NT		
33905	2F	4D68-NA	Galant,RVR			4	T	82.7 × 2.0 × 3.5	HK BF		FD	CH	PH	MD197162	
							2	82.7 × 2.0 × 3.5	TF SP		FC	CH	PH		
							O	82.7 × 3.0 × 3.75	2F		ST	NT	NT		
33963	2FAC	4D68T				4	T	82.7 × 2.0 × 2.95	HK BF		ST	NT	NT	MD197187	
							2	82.7 × 2.0 × 3.5	HK TF		FD	CH	PH		
							O	82.7 × 3.0 × 3.4	2F		ST	NT	NT		
33996	2F	4N13				4	T	83.0 × 2.0 × 2.9	BF		ST	NT	NT	1110B934	
							2	83.0 × 1.5 × 2.9	TF		ST	FE	FE		
							O	83.0 × 2.0 × 2.75	2F		ST	NT	NT		
33951	3F	6G73				6	T	83.5 × 1.2 × 2.9	BF		ST	CH	FE	MD310257	
							2	83.5 × 1.5 × 3.5	TF		FC	PH	PH	MD351097	
							O	83.5 × 3.0 × 2.8	3F		ST	CH	PH		
33433	3FAC	6G73				6	T	83.5 × 1.2 × 2.95	BF		ST	NT	NT	MD159836	
							2	83.5 × 1.5 × 3.5	TF		FC	CH	PH		
							O	83.5 × 3.0 × 2.8	3F		ST	NT	NT		
33434	3F	6G73-GDI				6	T	83.5 × 1.2 × 2.75	BF BT		ST	NT	NT	MD370494	
							2	83.5 × 1.2 × 3.2	TF SP		FC	PH	PH		
							O	83.5 × 2.5 × 2.6	3F		ST	NT	NT		

mitsubishi

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33406	2F	6G73-GDI-3				6	T	83.5 × 1.2 × 2.7	BF		ST	NT	NT	MN187669	
							2	83.5 × 1.2 × 3.2	TF SP		FC	PH	PH		
							O	83.5 × 2.0 × 2.75	2F		ST	NT	NT		
33865	2F	4DQ5	Canter		2,084	4	T	84.0 × 2.5 × 3.6	BF		FD	CH	PH	30615-51011	
							2	84.0 × 2.0 × 3.7	TF		FC	PH	PH	30617-51011	
							O	84.0 × 4.0 × 4.2	2F		FD	CH	PH		
33845	3F	4G52	GalantΣ2000,Sapporo		1,995	4	T	84.0 × 2.0 × 3.6	BF		FD	CH	PH	MD021010	
							2	84.0 × 2.0 × 3.7	TF		FC	PH	PH	MD021035	
							O	84.0 × 4.0 × 3.15	3F		ST	CH	PH	MD021070 MD027010	
33866	3F	4G63 G63B G63B-T,C	GalantΣ	Galant Sapporo Van	1,997	4	T	85.0 × 2.0 × 3.6	BF		FD	CH	PH	MD040640	
							2	85.0 × 2.0 × 3.7	TF		FC	PH	PH	MD040840	
							O	85.0 × 4.0 × 3.15	3F		ST	CH	PH	MD041580	
33892	3F	4G63 G63B G63B-T,C	GalantΣ	Galant Sapporo Van	1,997	4	T	85.0 × 1.5 × 3.1	BF		ST	NT	NT	MD100467	
							2	85.0 × 1.5 × 3.8	TF		FC	PH	PH	MD105516	
							O	85.0 × 4.0 × 3.2	3F		ST	CH	PH		
33414	3FAC	4G63EX	E-N33W		1,997	4	T	85.0 × 1.5 × 3.1	BF		ST	NT	NT	MD133485	
							2	85.0 × 1.5 × 3.7	TF SP		FC	CH	PH		
							O	85.0 × 3.0 × 2.8	3F		ST	NT	NT		
33919	3F	4G63(NEW)	Galant	Chariot	1,997	4	T	85.0 × 1.2 × 3.1	BF		ST	CH	PH	MD195810	
							2	85.0 × 1.5 × 3.8	TF		FC	PH	PH	MD313405	
							O	85.0 × 2.8 × 2.6	3F		ST	NT	NT		
33924	3F	4G63K	Galant,Eterna SAVA	Chariot	1,997	4	T	85.0 × 1.2 × 3.1	BF		ST	CH	PH	MD140923	
							2	85.0 × 1.5 × 3.8	TF		FC	PH	PH	MD195850	
							O	85.0 × 3.0 × 2.6	3F		ST	NT	NT		
33980	3F	4G63S			1,997	4	T	85.0 × 1.2 × 3.15	BF BT		ST	NT	NT	MN149594	
							2	85.0 × 1.2 × 3.5	TF SP		FC	PH	PH		
							O	85.0 × 2.0 × 2.25	3F		ST	CH	PH		
33417	3F	4B10				4	T	86.0 × 1.2 × 3.1	BF BT		ST	NT	NT	1110B795	
							2	86.0 × 1.2 × 3.6	TF SP		FC	PH	PH	1110C103	
							O	86.0 × 2.0 × 2.25	3F		ST	NT	NT		
33991	3F	4B11				4	T	86.0 × 1.2 × 3.05	BF BT		ST	CH	FE	1110A436	
							2	86.0 × 1.2 × 3.6	TF SP		FC	PH	PH		
							O	86.0 × 2.0 × 2.25	3F		ST	CH	PH		
33925	3F	4G64 4G64K	Delica Wagon	E-P04W	2,350	4	T	86.5 × 1.2 × 3.1	BF BT		ST	CH	PH	MD195872	
							2	86.5 × 1.5 × 3.8	TF SP		FC	PH	PH		
							O	86.5 × 3.0 × 2.55	3F		ST	CH	PH		
33936	3FAC	4G64	Delica Wagon	E-P04W	2,350	4	T	86.5 × 1.2 × 3.15	BF BT		ST	NT	NT	MD192815	
							2	86.5 × 1.5 × 3.8	TF SP		FC	CH	PH	MD194597	
							O	86.5 × 2.8 × 2.6	3F		ST	NT	NT		

MITSUBISHI

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33957	3F	4G64-S	Galant		2,350	4	T	86.5 × 1.2 × 3.1	BF	BT	ST	CH	FE	MD195828	
							2	86.5 × 1.5 × 3.8	TF	SP	FC	PH	PH		
							O	86.5 × 2.8 × 2.6	3F		ST	NT	NT		
33935	3F	4G64B G64B	Delica Wagon		2,350	4	T	86.5 × 1.5 × 3.05	BF		ST	CH	FE	MD085346	
							2	86.5 × 1.5 × 3.5	TF		FC	PH	PH		
							O	86.5 × 4.0 × 3.25	3F		ST	CH	PH		
33983	3F	4G69	SAVRIN/GRUNDER2.4			4	T	87.0 × 1.2 × 3.05	BF	BT	ST	CH	FE	MD377324	
							2	87.0 × 1.2 × 3.4	TF	SP	FC	PH	PH		
							O	87.0 × 2.0 × 2.45	3F		ST	CH	PH		
33449	3F	4G69-2				4	T	87.0 × 1.2 × 3.05	BF		ST	CH	FE	S1110A966	
							2	87.0 × 1.2 × 3.4	TF	SP	FD	PH	PH		
							O	87.0 × 2.0 × 2.6	3F		ST	CH	PH		
33977	3F	6B31	Outlander			6	T	87.6 × 1.2 × 3.1	BF	BT	ST	NT	NT	1110B435	
							2	87.6 × 1.0 × 2.9	TF		FD	PH	PH		
							O	87.6 × 2.0 × 2.3	3F		ST	CH	PH		
33992	3F	4B12				4	T	88.0 × 1.2 × 3.25	BF	BT	ST	CH	FE	1110A822	
							2	88.0 × 1.2 × 3.6	TF	SP	FC	PH	PH	1110C162	
							O	88.0 × 2.0 × 2.25	3F		ST	CH	PH		
31607	2F	4DR-10 4DR1	Canter,Rosa B14,T90,T92,T94			4	T	88.0 × 2.5 × 3.6	BF		FD	CH	PH	30317-11011	
							2	88.0 × 2.0 × 3.8	TF		FC	PH	PH		
							3	88.0 × 2.0 × 3.8	TF		FC	PH	PH		
							O	88.0 × 4.0 × 4.2	2F		FD	CH	PH		
33846	3F	4G53	Canter,Jeep,Rosa FC211,BC211,J26,J38,J46,J56			4	T	88.0 × 2.0 × 3.8	BF		FD	CH	PH	MD025000	
							2	88.0 × 2.0 × 3.8	TF		FC	PH	PH	MD026985	
							O	88.0 × 4.0 × 3.2	3F		ST	NT	NT		
33986	2FAC	K4N				4	T	90.0 × 2.5 × 3.35	HK	BF	BB	ST	NT	NT	MM438689
							2	90.0 × 2.0 × 3.7	TF	ST	FD	CH	PH		
							O	90.0 × 4.0 × 4.2	2F		ST	NT	NT		
1cyl/set															
33861	2FAC	4D55-NA 4D56-NA	GalantΣA167 Galant Sapporo			4	T	91.1 × 2.5 × 3.7	BF		FD	CH	PH	MD050395	
							2	91.1 × 2.0 × 3.75	TF		FC	CH	PH		
							O	91.1 × 4.0 × 4.1	2F		ST	NT	NT		
33454	2FAC	4D56(D4)				4	T	91.1 × 2.5 × 3.3	HK	BF	ST	NT	NT	1110B977	
							2	91.1 × 2.0 × 3.7	HK	TF	FD	CH	PH		
							O	91.1 × 3.0 × 3.55	2F		ST	NT	NT		
1cyl/set															
33921	2FAC	4D56-IC/TC	Galant			4	T	91.1 × 2.5 × 3.7	HK	BF	BB	FD	CH	PH	MD168293
							2	91.1 × 2.0 × 3.7	HK	TF	BB	FD	CH	PH	
							O	91.1 × 4.0 × 4.1	2F		ST	NT	NT		
33862	2FAC	4D56-TC 4D55-T 4D56	GalantΣA167 Galant Sapporo Turbo			4	T	91.1 × 2.5 × 3.7	HK	BF	BB	FD	CH	PH	MD050390
							2	91.1 × 2.0 × 3.7	HK	TF	BB	FD	CH	PH	MD103391
							O	91.1 × 4.0 × 4.1	2F		ST	NT	NT		
33979	2F	4D56 TDI				4	T	91.1 × 2.5 × 3.35	HK	BF	ST	NT	NT	1110A561	
							2	91.1 × 2.0 × 3.8	HK	TF	FD	CH	PH		
							O	91.1 × 4.0 × 4.2	2F		ST	NT	NT		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33920	3FAC	6G72	Sigma		2,972	6	T	91.1 × 1.2 × 3.35	BF		ST	NT	NT	MD301803	
							2	91.1 × 1.5 × 3.8	TF		FC	CH	PH	MD354879	
							O	91.1 × 3.0 × 2.85	3F		ST	NT	NT	MD158334 MD301803	
33965	3FAC	6G72-2	Sigma,Pajero		2,972	6	T	91.1 × 1.2 × 3.25	BF		ST	CH	FE	MD165949	
							2	91.1 × 1.5 × 3.8	TF		FC	CH	PH		
							O	91.1 × 3.0 × 2.85	3F		ST	CH	PH		
33430	3F	6G72 BK				6	T	91.1 × 1.2 × 3.3	BF		ST	CH	FE	1110B180	
							2	91.1 × 1.5 × 3.8	TF		FC	PH	PH		
							O	91.1 × 3.0 × 2.85	3F		ST	CH	PH		
33890	3F	6G72-C	Debonair 12A		2,972	6	T	91.1 × 1.5 × 3.55	BF		ST	NT	NT	MD104922	
			Sigma				2	91.1 × 1.5 × 3.8	TF		FC	CH	PH	MD104923	
							O	91.1 × 4.0 × 3.2	3F		ST	NT	NT	MD104939	
														MD104940 MD129548	
33407	2F	6G72-GDI-3			2,972	6	T	91.1 × 1.2 × 3.3	BF		ST	NT	NT	MN187664	
							2	91.1 × 1.5 × 3.8	TF		FC	PH	PH		
							O	91.1 × 2.0 × 2.85	2F		ST	NT	NT		
33408	3F	6G72-S4			2,972	6	T	91.1 × 1.2 × 3.35	BF BT		ST	NT	NT	MD374009	
							2	91.1 × 1.2 × 3.5	TF SP		FC	PH	PH		
							O	91.1 × 2.5 × 2.55	3F		ST	CH	PH		
33409	3FAC	6G72-S4(NEW)			2,972	6	T	91.1 × 1.2 × 3.3	BF		ST	NT	NT	1110A937	
							2	91.1 × 1.5 × 3.8	TF		FC	CH	PH		
							O	91.1 × 3.0 × 2.85	3F		ST	CH	PH		
33428	3F	6G72,S2,S4				6	T	91.1 × 1.2 × 3.25	BF		ST	CH	FE	MD329755	
							2	91.1 × 1.5 × 3.8	TF		FC	PH	PH		
							O	91.1 × 3.0 × 2.85	3F		ST	CH	PH		
33429	3FAC	6G72-MIVEC				6	T	91.1 × 1.2 × 3.25	BF		ST	CH	FE	MD323843	
							2	91.1 × 1.5 × 3.6	TF		FC	CH	PH		
							O	91.1 × 3.0 × 2.85	3F		ST	CH	PH		
33860	3FAC	G54	Debonair,GalantΣ		2,555	4	T	91.1 × 2.0 × 3.5	BF		ST	CH	PH	MD025089	
		4G54	Galant Sapporo				2	91.1 × 2.0 × 3.8	TF		FD	CH	PH	MD026835	
			Dodge Challenger				O	91.1 × 4.0 × 3.2	3F		ST	NT	NT	MD026960	
			Plymouth Sapporo										MD027140		
		Jeep							MD107813 MD107818						
33929	3FAC	G54-C	Debonair,Sapporo		2,555	4	T	91.1 × 1.5 × 3.55	BF		ST	NT	NT	MD101895	
		4G54	Dodge Challenger				2	91.1 × 1.5 × 3.8	TF		FC	CH	PH		
							O	91.1 × 4.0 × 3.2	3F		ST	NT	NT		
33872	3FAC	G54-T	Starion		2,555	4	T	91.1 × 1.5 × 3.55	BF		ST	NT	NT	MD061258	
		G54-V					2	91.1 × 1.5 × 3.8	TF		FC	CH	PH	MD080598	
		G54					O	91.1 × 4.0 × 3.2	3F		ST	NT	NT	MD106752	
		G54-C													
		4G54													

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33931	3FAC	G54-U 4G54 4G64	Starion		2,555	4	T	91.1 × 1.5 × 3.55	BF		ST	NT	NT	MD076170	
								91.1 × 1.5 × 3.8	TF	FC	CH	PH			
								91.1 × 4.0 × 3.2	3F	ST	NT	NT			
33836	2F	4DR-5	Canter T96A,96B,96A2,98A,98 A2,98AD 98B,98B2,200C,200CP,200CT 200F,210C,210CD,210CT,210F 220,FE100,120 Jupiter T200CZ,200F Jeep J24,24H,36,44,54 Bus B200,210		2,659	4	T	92.0 × 2.5 × 3.7	HK BF		FD	CH	PH	31617-02012	
								92.0 × 2.0 × 3.9	TF	FC	PH	PH	31617-02013		
								92.0 × 2.0 × 3.9	TF	FC	PH	PH	31617-05102		
								92.0 × 4.5 × 4.2	2F	FD	CH	PH	31617-05103		
31609	2F	6DR-5	Jupiter T44A,44B,44L Bus B360,BH212,215 Fork Lift,FD60		3,988	6	T	92.0 × 2.5 × 3.7	HK BF		FD	CH	PH	31717-12012	
								92.0 × 2.0 × 3.9	TF	FC	PH	PH	31717-12013		
								92.0 × 2.0 × 3.9	TF	FC	PH	PH			
								92.0 × 4.5 × 4.2	2F	FD	CH	PH			
33933	3FAC	6G74	Debonair		3,500	6	T	93.0 × 1.5 × 3.5	BF BT	ST	NT	NT	MD300569		
								93.0 × 1.5 × 3.9	TF SP	FC	CH	PH	MD369575		
								93.0 × 3.0 × 2.85	3F	ST	NT	NT			
33416	3F	6G74-GDI 93				6	T	93.0 × 1.5 × 3.55	BF BT	ST	NT	NT	MD366688		
								93.0 × 1.5 × 3.8	TF SP	FC	PH	PH			
								93.0 × 3.0 × 2.8	3F	ST	NT	NT			
33410	3F	6G74-GDI-1 93			3,500	6	T	93.0 × 1.2 × 3.5	BF BT	ST	NT	NT	MN119685		
								93.0 × 1.2 × 3.5	TF SP	FC	PH	PH			
								93.0 × 2.5 × 2.6	3F	ST	NT	NT			
33411	2F	6G74-GDI-2 93			3,500	6	T	93.0 × 1.2 × 3.5	BF	ST	NT	NT	MN187677		
								93.0 × 1.2 × 3.5	TF SP	FC	PH	PH	MN187678		
								93.0 × 2.0 × 2.85	2F	ST	NT	NT	MN187679		
33412	3FAC	6G74-FFV 93			3,500	6	T	93.0 × 1.5 × 3.55	BF BT	ST	NT	NT	1110B587		
								93.0 × 1.5 × 3.9	TF SP	FC	CH	PH			
								93.0 × 3.0 × 2.85	3F	ST	NT	NT			
33415	3FAC	6G74-MIVEC				6	T	93.0 × 1.5 × 3.35	BF BT	ST	NT	NT	MD355642		
								93.0 × 1.5 × 3.7	TF SP	FC	CH	PH	MD369253		
								93.0 × 3.0 × 2.85	3F	ST	NT	NT			
33981	3F	6G74-S4	Debonair		3,500	6	T	93.0 × 1.5 × 3.5	BF BT	ST	CH	FE	MD322783		
								93.0 × 1.5 × 3.8	TF SP	FC	PH	PH			
								93.0 × 3.0 × 2.85	3F	ST	CH	PH			
33975	2F	S4E S4ES	Fork Lift		2,609	4	T	94.0 × 2.5 × 3.9	HK BF	FD	CH	PH	34417-11011		
								94.0 × 2.0 × 3.9	TF	FC	PH	PH			
								94.0 × 4.5 × 4.25	2F	ST	CH	FE			
33455	2F	S4E-2				4	T	94.0 × 2.5 × 3.9	HK BF	FD	CH	PH	34417-11011		
								94.0 × 2.0 × 3.9	TF	FC	PH	PH			
								94.0 × 4.5 × 4.25	2F	ST	CH	FE			
1cyl/set															

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape	Material	Surface Treatment		Reference
									① ② ③		Outside	Upper/Lower	
33984	2FAC	S4S			2,609	4	T	94.0 × 2.5 × 3.3	HK BF	ST	NT	NT	32A17-02010
							2	94.0 × 2.0 × 3.9	TF ST	FC	CH	PH	
							O	94.0 × 4.0 × 4.2	2F	ST	NT	NT	
1cyl/set													
33909	2F	4DR7			2,835	4	T	95.0 × 2.36 × 3.7	K BF	FD	CH	PH	ME997256
							2	95.0 × 2.0 × 3.9	TF ST	FC	CH	PH	
							O	95.0 × 4.0 × 4.06	2F	ST	CH	PH	
33982	2FAC	4M40	Pajero		2,835	4	T	95.0 × 2.358 × 3.6	K BF	ST	CH	FE	ME201522
							2	95.0 × 2.0 × 3.9	TF ST	FC	CH	PH	
							O	95.0 × 4.0 × 4.058	2F	ST	CH	FE	
33922	2FAC	4M40-NA	Canter		2,835	4	T	95.0 × 2.36 × 3.4	K BF	ST	NT	NT	ME202342
			Pajero				2	95.0 × 2.0 × 3.7	TF ST	FD	CH	PH	ME202950
							O	95.0 × 4.0 × 4.0	2F	ST	CH	PH	
33447	2FAC	4M40-T				4	T	95.0 × 2.358 × 3.4	K BF	ST	NT	NT	ME202940
							2	95.0 × 2.0 × 3.9	TF ST	FC	CH	PH	
							O	95.0 × 3.0 × 4.0	2F	ST	NT	NT	
33952	2FAC	4M40-TC	Pajero		2,835	4	T	95.0 × 2.358 × 3.4	K BF	ST	NT	NT	ME202148
							2	95.0 × 2.0 × 3.9	TF ST	FC	CH	PH	
							O	95.0 × 3.0 × 4.0	2F	ST	NT	NT	
33968	2FAC	4M42				4	T	95.0 × 2.358 × 3.4	K BF	ST	NT	NT	ME190317
							2	95.0 × 2.0 × 3.7	TF	FC	CH	PH	ME993211
							O	95.0 × 3.0 × 3.4	2F	ST	NT	NT	ME993212
31603	2F	6DS1	Fuso Truck		4,678	6	T	95.0 × 2.5 × 4.1	BF	FC	CH	PH	30817-01006
			T620,650B,650E,650J,650ZD				2	95.0 × 2.0 × 4.1	TF ST	FC	CH	PH	ME020382
			Bus MR620				3	95.0 × 2.0 × 4.1	TF	FC	PH	PH	ME021376
							O	95.0 × 4.5 × 4.2	2F	FC	CH	PH	
31610	2FAC	6DS3	Fuso Truck,T630B,651E,T652B		5,103	6	T	95.0 × 3.0 × 3.9	HK BF	FD	CH	PH	ME021855
			Bus B622B				2	95.0 × 2.0 × 4.1	TF ST	FC	CH	PH	ME023327
							O	95.0 × 4.5 × 4.2	2F	FC	CH	PH	ME023327-2
33993	3F	6G75				6	T	95.0 × 1.2 × 3.7	BF BT	ST	NT	NT	1110A497
							2	95.0 × 1.2 × 3.6	TF SP	FC	PH	PH	1110B806
							O	95.0 × 2.0 × 2.6	3F	ST	CH	PH	1110B571 MN183867
31606	2F3PS	6DS5	Fuso Truck,T630B,651E		4,987	6	T	98.0 × 3.0 × 4.2	BF	FC	CH	PH	30817-31000
			Bus,B620B,620BE,620E				2	98.0 × 2.0 × 4.2	TF ST	FC	CH	PH	ME020427
			Tractor T651ZR				3	98.0 × 2.0 × 4.2	TF	FC	PH	PH	ME021382
							O	98.0 × 5.0 × 4.8	2F	FC	CH	PH	ME021856
31611	2FAC	6DS7	Fuso Truck		5,430	6	T	98.0 × 3.0 × 4.0	HK BF	FD	CH	PH	ME021861
			T635B,653BG,663C,663ZD				2	98.0 × 2.0 × 4.2	TF ST	FC	CH	PH	ME024409
			FK102				O	98.0 × 5.0 × 4.8	2F	FC	CH	PH	
			Bus,B623B,623E Tractor T653ZR										

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
31612	2FAC	6DS7	Fuso Truck T635B,653BG,663C 663ZD,FK102 Bus,B623B,623E Tractor T653ZR		5,430	6	T	98.0 × 3.0 × 4.0	HK	BF		FD	CH	PH	ME023333
							2	98.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	ME023333-2
							O	98.0 × 5.0 × 5.1	2F			FD	CH	PH	
31613	2FAC	6DS7-3					T	98.0 × 3.0 × 4.0	HK	BF		FD	CH	PH	ME021861
							2	98.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	ME024409
							O	98.0 × 5.0 × 4.8	2F			FC	CH	PH	
1cyl/set															
33956	2FAC	4M41-TI 4D65	Pajero Triton			4	T	98.5 × 2.358 × 3.4	K	BF		ST	NT	NT	ME203533
							2	98.5 × 1.5 × 3.5		TF	BT	ST	NT	NT	1110A851
							O	98.5 × 3.0 × 3.75	2F			ST	NT	NT	
33422	2FAC	4M41-DID				4	T	98.5 × 2.358 × 3.4	K	BF		ST	NT	NT	1110B302
							2	98.5 × 1.5 × 3.5		TF	BT	ST	NT	NT	
							O	98.5 × 3.0 × 3.75	2F			ST	NT	NT	
33423	2FAC	4M41-PSU				4	T	98.5 × 2.358 × 3.4	K	BF		ST	NT	NT	1110B654
							2	98.5 × 1.5 × 3.5		TF	BT	ST	NT	NT	
							O	98.5 × 3.0 × 3.65	2F			ST	NT	NT	
33943	2FAC	4D30 4D31	Canter,Rosa Bus,BE211 Truck FE104,111,114,121,211			4	T	100.0 × 3.0 × 4.0	HK	BF		ST	CH	FE	ME012010
							2	100.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	ME012070
							O	100.0 × 5.0 × 4.75	2F			ST	NT	NT	
33912	2FAC	4D31T	Truck Canter			4	T	100.0 × 3.0 × 4.0	HK	BF		ST	CH	FE	ME012848
							2	100.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	ME997396
							O	100.0 × 4.0 × 3.95	2F			ST	NT	NT	ME997398
33947	2FAC	6D31 6D31T	Truck FK330			6	T	100.0 × 3.0 × 4.0	HK	BF		ST	CH	FE	ME999717
							2	100.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	
							O	100.0 × 5.0 × 4.75	2F			ST	NT	NT	
33948	2FAC	6D31T	Truck,Fighter FK330			6	T	100.0 × 3.0 × 4.0	HK	BF		ST	CH	FE	ME999783
							2	100.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	ME999836
							O	100.0 × 4.0 × 3.95	2F			ST	NT	NT	
33939	2FAC	4D32	Canter			4	T	104.0 × 3.0 × 4.0	HK	BF		ST	CH	FE	ME997318
							2	104.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	ME999641
							O	104.0 × 4.0 × 4.2	2F			ST	NT	NT	
33950	2FAC	4D34 4D34T	Canter,Rosa Fighter			4	T	104.0 × 2.81 × 3.9	K	BF		ST	NT	NT	ME997240
							2	104.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	
							O	104.0 × 4.0 × 4.25	2F			ST	CH	FE	
33441	2FAC	6D34T				6	T	104.0 × 2.806 × 4.1	K	BF		FD	CH	PH	ME996442
							2	104.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	
							O	104.0 × 4.0 × 4.25	2F			ST	CH	FE	
33850	2FAC	6D10 6D11	Fuso Truck T654B,654ZR,FK10-3 FK103 Bus MK103H,HM504H			6	T	105.0 × 3.0 × 4.2	HK	BF		FD	CH	PH	ME032190
							2	105.0 × 2.0 × 4.4		TF	ST	FC	CH	PH	ME032190-01
							O	105.0 × 5.0 × 4.8	2F			FD	CH	PH	ME032326
															ME032404

MITSUBISHI

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference	
									①	②	③		Outside	Upper/Lower		
33923	2FAC	4D33A 4D33	Canter Fuso Truck FE437,447		4,214	4	T	108.0 × 3.0 × 4.3	BF			FD	CH	PH	ME996378	
							2	108.0 × 2.0 × 4.4	TF ST			FC	CH	PH		
							O	108.0 × 4.0 × 4.3	2F			ST	CH	FE		
33959	2FAC	4D35	Rosa Canter FE538,FE638		4,561	4	T	110.0 × 3.0 × 4.0	BF			ST	CH	FE	ME996628 ME995237	
							2	110.0 × 2.5 × 3.9	TF ST			FC	CH	PH		
							O	110.0 × 4.0 × 4.35	2F			ST	NT	NT		
33456	2FAC	4D35-2				4	T	110.0 × 3.0 × 3.9	BF BT			FD	CH	PH	ME995214	
							2	110.0 × 2.0 × 3.9	TF BT			FD	CH	PH		
							O	110.0 × 4.0 × 4.371	2F			ST	CH	FE		
33851	2FAC	6D14	Fuso Truck FK115,H50R,115F,115H 115J,115K,FM215,T656ZR Bus MK115,115H,MM115,515			6,557	6	T	110.0 × 3.0 × 4.3	HK BF			FD	CH	PH	ME032071
								2	110.0 × 2.5 × 4.4	TF ST			FC	CH	PH	ME032260
								O	110.0 × 5.0 × 4.7	2F			FD	CH	PH	ME032404
																ME032458
33448	2FAC	6D14-2				6	T	110.0 × 3.0 × 4.1	BF			ST	CH	ME999952		
							2	110.0 × 2.5 × 4.4	TF ST			FC	CH		PH	
							O	110.0 × 4.0 × 4.35	2F			ST	NT		NT	
33928	2FAC	6D14T	Fuso Truck,Bus MK115,115H,MM115,515			6,557	6	T	110.0 × 2.806 × 4.3	K BF			FD	CH	PH	ME997465
								2	110.0 × 2.5 × 4.2	TF ST			FD	CH	PH	
								O	110.0 × 4.0 × 4.371	2F			ST	CH	FE	
31604	2F3PS	6DB	Fuso Truck T330,330D,331,335,337D 370D,380,383,385D,390,410D 460,480,482,K100,4K100,120 Bus AR470,480,AM480,B820J MAR410,420,440,480,490 6W100D,R470,R480 MR410,420,430,440 480,490,510,520 Fork Lift,FD150			8,553	6	T	110.0 × 3.5 × 4.4	BF			FD	CH	PH	30017-71002
								2	110.0 × 2.5 × 4.7	TF ST			FC	CH	PH	30017-71003
								3	110.0 × 2.5 × 4.7	TF SP			FC	PH	PH	30017-75002
								O	110.0 × 5.0 × 4.7	2F			FD	CH	PH	30017-75003
31605	2F3PS	8DB	Fuso Bus R820,870,AR820,870 MR820,870,MAR820,870			11,404	8	T	110.0 × 3.5 × 4.4	BF			FD	CH	PH	30017-11000
								2	110.0 × 2.5 × 4.7	TF ST			FC	CH	PH	
								3	110.0 × 2.5 × 4.7	TF SP			FC	PH	PH	
								O	110.0 × 5.0 × 5.1	2F			FD	CH	PH	
33867	2FAC	6D15	Fuso Truck FK116,216,FMJ316 MK116,MM116,516 Fighter,Aero Midi			6,919	6	T	113.0 × 3.0 × 4.3	HK BF			FD	CH	PH	ME032403
								2	113.0 × 2.5 × 4.4	TF ST			FC	CH	PH	ME072306
								O	113.0 × 5.0 × 4.9	2F			FD	CH	PH	
33961	2FAC	6D15T	Truck			6,919	6	T	113.0 × 2.806 × 3.9	K BF			ST	NT	NT	ME997456
								2	113.0 × 2.5 × 4.4	TF ST			FC	CH	PH	ME997466
								O	113.0 × 4.0 × 4.35	2F			ST	NT	NT	ME999929 ME999954

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33443	2FAC	4M50				4	T	114.0 × 2.806 × 3.9	K	BF	ST	NT	NT	ME993913	
								114.0 × 2.0 × 3.9		TF	BT	FD	CH	PH	ME995590
								114.0 × 4.0 × 4.25	2F		ST	NT	NT		
33413	2FAC	6D16TL	Fighter Aero Midi		7,545	6	T	118.0 × 2.806 × 3.9	K	BF	ST	NT	NT	ME995535	
								118.0 × 2.5 × 4.6		TF	ST	FC	CH	PH	ME995536(cyl)
								118.0 × 4.0 × 4.1	2F		ST	NT	NT		
33969	2FAC	4M51				4	T	118.0 × 3.0 × 4.0		BF	ST	NT	NT	ME995591	
								118.0 × 2.0 × 4.1		TF		ST	NT	NT	ME995592
								118.0 × 4.0 × 4.35	2F		ST	NT	NT		ME995593
33970	2FAC	4M51-2				4	T	118.0 × 3.0 × 4.0		BF	ST	NT	NT	ME995113	
								118.0 × 2.0 × 4.1		TF		ST	NT	NT	ME995114
								118.0 × 3.0 × 3.65	2F		ST	NT	NT		ME995115
33893	2FAC	6D16	Fuso Truck FK617A,FK618		7,545	6	T	118.0 × 3.0 × 4.6		BF	FD	CH	PH	ME999540	
								118.0 × 2.5 × 4.6		TF	ST	FC	CH	PH	ME999955
								118.0 × 4.0 × 4.3	2F		FC	CH	PH		
33910	2FAC	6D16	Fuso Truck		7,545	6	T	118.0 × 3.0 × 4.6		BF	FD	CH	PH	ME999955	
								118.0 × 2.5 × 4.6		TF	BT	FC	CH	PH	
								118.0 × 4.0 × 4.54	2F		ST	CH	PH		
33942	2FAC	6D16T	Fuso Truck		7,545	6	T	118.0 × 2.81 × 3.9	K	BF	ST	NT	NT	ME996591	
								118.0 × 2.5 × 4.6		TF	ST	FD	CH	PH	
								118.0 × 4.0 × 4.54	2F		ST	CH	FE		
33976	2FAC	6D17	Fuso Truck		7,600	6	T	118.0 × 2.81 × 3.9	K	BF	ST	NT	NT	ME996593	
								118.0 × 2.5 × 4.6		TF	ST	FD	CH	PH	
								118.0 × 4.0 × 4.1	2F		ST	NT	NT		
33953	2FAC	6M60T	Fuso Truck		7,545	6	T	118.0 × 2.81 × 3.9	K	BF	ST	NT	NT	ME993947	
								118.0 × 2.5 × 4.3		TF	ST	FD	CH	PH	ME993948
								118.0 × 4.0 × 4.35	2F		ST	NT	NT		
33436	2FAC	6M60T				6	T	118.0 × 2.81 × 3.9	K	BF	ST	NT	NT	ME993950	
								118.0 × 2.5 × 4.3		TF	ST	FD	CH	PH	
								118.0 × 4.0 × 4.35	2F		ST	NT	NT		
1cyl/set															
33437	2FAC	N6M60T				6	T	118.0 × 2.81 × 3.9	K	BF	ST	NT	NT	ME990062	
								118.0 × 2.5 × 4.3		TF	ST	FD	CH	PH	
								118.0 × 3.0 × 3.65	2F		ST	NT	NT		
33438	2FAC	N6M60T				6	T	118.0 × 2.81 × 3.9	K	BF	ST	NT	NT	ME990063	
								118.0 × 2.5 × 4.3		TF	ST	FD	CH	PH	
								118.0 × 3.0 × 3.65	2F		ST	NT	NT		
1cyl/set															
33451	2FAC	6M61	Fighter		8,201	6	T	118.0 × 3.0 × 4.0		BF	ST	NT	NT	ME995562	
								118.0 × 2.0 × 4.1		TF		ST	NT	NT	ME9955608(cyl)
								118.0 × 4.0 × 4.1	2F		ST	NT	NT		
1cyl/set															
33852	2FAC	6D20 6D21	Fuso Truck FD217R,FR117,117FD,I317 NP117,INR117,RP117,K202 Bus MP117,117H,517,517H		10,308	6	T	125.0 × 4.0 × 5.0	HK	BF	FD	CH	PH	30917-01012	
								125.0 × 3.0 × 5.0		TF	ST	FC	CH	PH	30917-01013
								125.0 × 6.0 × 5.45	2F		FC	CH	PH		

MITSUBISHI

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference	
									①	②	③		Outside	Upper/Lower		
33881	2FAC	6D20B	Fuso Truck		10,308	6	T	125.0 × 3.3 × 5.4	K	BF	FD	CH	PH	ME052145		
			FD217R,FP117,117FD				2	125.0 × 3.0 × 5.3		TF	ST	FC	CH		PH	
			NP117JD,K202				O	125.0 × 6.0 × 5.45	2F		FC	CH	PH			
			Bus													
			MP117,117H,517,517H													
33868	2FAC	6D22	Fuso Truck EP318		11,149	6	T	130.0 × 3.296 × 5.4	K	BF	FD	CH	PH	30917-20010		
			FT318,FU318				2	130.0 × 3.0 × 5.3		TF	ST	FC	CH	PH	ME052124	
		6D22T	Bus		O	130.0 × 6.0 × 5.5	2F		FD	CH	PH					
			MP118,MP518													
33958	2FAC	6D22-C	Fuso Truck		11,149	6	T	130.0 × 3.0 × 4.95		BF	ST	NT	NT	ME052758		
			FP308,FP313,MP118,MP518				2	130.0 × 3.0 × 5.3		TF	ST	FC	CH	PH		
							O	130.0 × 6.0 × 5.4	2F		ST	CH	FE			
33916	2FAC	6D22-T	Fuso Truck EP318		11,149	6	T	130.0 × 3.296 × 5.4	K	BF	FD	CH	PH	ME052889		
			Bus				2	130.0 × 3.0 × 5.3		TF	ST	FD	CH	PH	ME995467	
			MP118,MP518				O	130.0 × 4.0 × 4.55	2F		ST	CH	FE			
33927	2FAC	6D22T	Fuso Truck, Bus		11,149	6	T	130.0 × 3.306 × 5.4	K	BF	FD	CH	PH	ME052787		
			Fork Lift				2	130.0 × 3.0 × 5.3		TF	ST	FD	CH	PH		
							O	130.0 × 6.0 × 5.667	2F		ST	CH	FE			
33960	2FAC	6D24T	Truck			6	T	130.0 × 3.306 × 4.5	K	BF	FD	CH	PH	ME995636		
							2	130.0 × 2.5 × 4.7		TF	BT	FD	CH	PH		
							O	130.0 × 4.0 × 4.35	2F		ST	NT	NT			
33827	2FAC	8DC-2	Fuso Truck		13,273	8	T	130.0 × 4.0 × 5.0	HK	BF	FD	CH	PH	31217-02010		
			8DC-4	HV119KD,FP102DR				2	130.0 × 3.0 × 5.3		TF	ST	FC	CH	PH	ME062109
			8DC-7	112DR,112M				O	130.0 × 6.0 × 5.5	2F		FC	CH	PH		
			T931,T951,T811,T910													
			FQ112,FQ112H,FS119S													
			T931,T901,T911													
			FT102HD,112,119,202S,212S													
			FV112,W122													
			FU102JD,102N,112,112N,119													
			W155,W250,W400,K301													
			119N,123,212,212R													
			K302,K351,K501,K701													
			FV102HR,102JD,112HR,112JD													
			K900,K350,B900,B905													
			112,113HR,119,119JD,313													
			B910,B915,B801,B806													
			K252,NV112,112KD,113JR													
			NW112KR,T811BR,811P,811ZR													
			901CR,901FD,902FD,936D													
			956JD,W122,150,250,400													
			Bus													
			B805N,NA,806K,L,N,905N,NA													
			MS512,512N,512NA													

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
33873	2FAC	8DC-4 8DC-7	Fuso Truck T931,T881,T910	11,149	8	T	130.0 × 3.306 × 5.4	K	BF		FD	CH	PH	ME062298	
			FT102,FV112			2	130.0 × 3.0 × 5.3		TF	ST	FC	CH	PH		
			Bus B801,B901			O	130.0 × 6.0 × 5.5	2F			FD	CH	PH		
33439	2FAC	6D40-T			6	T	135.0 × 3.306 × 4.7	K	BF		FD	CH	PH	ME120536	
						2	135.0 × 3.0 × 5.5		TF	ST	FD	CH	PH		
						O	135.0 × 4.0 × 4.35	2F			ST	NT	NT		
33457	2FAC	6M70	Aero Star	12,882	6	T	135.0 × 3.306 × 4.7	K	BF		FD	CH	PH	ME995857	
			Super Great			2	135.0 × 2.5 × 4.7		TF	BT	FD	CH	PH	ME995855/cyl	
						O	135.0 × 4.0 × 4.35	2F			ST	NT	NT		
33849	2FAC	8DC-6 8DC-8	Fuso Truck	14,886	8	T	135.0 × 4.0 × 5.0	HK	BF		FD	CH	PH	31217-60012	
			K400,FP103DR,113,FR113			2	135.0 × 3.0 × 5.5		TF	ST	FC	CH	PH	ME062086	
			FT103HD,N,FT113			O	135.0 × 6.0 × 5.85	2F			FC	CH	PH		
			HD,N,RP,203S												
			213S,FU103JD,N,113N,203R												
213R,FV103JD,HR,113JD,HR															
313,FW123,M,T812ZR,816ZR															
902CR,FD,906FD,916FD,930CR															
932DR,NW113KR															
Bus															
B907N,NA,S,SA,MS513,R,613															
33874	2FAC	8DC-81 8DC-6	FT,FJ,FV	14,886	8	T	135.0 × 3.306 × 5.4	K	BF		FD	CH	PH	ME062022	
						2	135.0 × 3.0 × 5.5		TF	ST	FC	CH	PH	ME062246	
						O	135.0 × 6.0 × 5.5	2F			FD	CH	PH	ME065684	
33869	2FAC	8DC-9 8DC-9T 8DC91	Fuso Diesel Truck	16,031	8	T	135.0 × 3.306 × 5.4	K	BF		FD	CH	PH	ME062018	
			Tractor FP215,FV215			2	135.0 × 3.0 × 5.5		TF	ST	FC	CH	PH	ME062230	
						3	135.0 × 3.0 × 5.5		TF	SP	FC	CH	PH		
						O	135.0 × 6.0 × 5.5	2F			FD	CH	PH		
33888	2FAC	8DC-9 8DC-9T	Fuso Truck	16,031	8	T	135.0 × 4.0 × 5.0	HK	BF		FD	CH	PH	ME062090	
			FP315,FS313,FT315			2	135.0 × 3.0 × 5.5		TF	ST	FC	CH	PH		
			FU315,FV315,FW125			3	135.0 × 3.0 × 5.5		TF	SP	FC	PH	PH		
			Bus MS615			O	135.0 × 6.0 × 5.546	2F			ST	CH	FE		
33913	2FAC	8DC91T	Fuso Truck	16,031	8	T	135.0 × 3.296 × 5.4	K	BF		FD	CH	PH	ME090578	
			FP315,FS313,FT315			2	135.0 × 3.0 × 5.5		TF	ST	FC	CH	PH		
			FU315,FV315,FW125			3	135.0 × 3.0 × 5.5		TF	SP	FC	PH	PH		
			Bus MS615			O	135.0 × 4.0 × 4.662	2F			ST	CH	FE		
33459	2FAC	8DC10			8	T	138.0 × 3.306 × 5.5	K	BF		FD	CH	PH	ME090582	
						2	138.0 × 3.0 × 5.6		TF	ST	FC	CH	PH		
						3	138.0 × 3.0 × 5.6				FC	CH	PH		
			1cyl/set			O	138.0 × 4.0 × 4.75	2F			ST	NT	NT		
33915	2FAC	8DC11	KS,Fuso,Aero Bus	16,752	8	T	142.0 × 3.306 × 5.6	K	BF		FD	CH	PH	30617-5011	
			KC-FV,Super Great			2	142.0 × 3.0 × 5.8		TF	ST	FC	CH	PH	ME090586	
						3	142.0 × 3.0 × 5.8		TF	SP	FC	CH	PH	ME999990	
						O	142.0 × 4.0 × 4.662	2F			ST	CH	FE		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	
33978	2FAC	8DC11	KS,Fuso,Aero Bus KC-FV,Super Great		16,752	8	T	142.0 × 3.306 × 5.6	K	BF	FD	CH	PH	30617-5011	
							2	142.0 × 3.0 × 5.8		TF	ST	FC	CH	PH	ME090586
							3	142.0 × 3.0 × 5.8		TF	SP	FC	CH	PH	ME999990
							O	142.0 × 4.0 × 4.662	2F		ST	CH	FE		
1cyl/set															
33452	2FAC	8M20				8	T	146.0 × 3.306 × 5.2	K	BF	FD	CH	PH	ME996163	
							2	146.0 × 3.0 × 5.6		TF	ST	FD	CH	PH	
							3	146.0 × 3.0 × 5.7		TF	SP	FC	CH	PH	
							O	146.0 × 4.0 × 4.4	2F		ST	NT	NT		
1cyl/set															
33453	2FAC	8M21				8	T	150.0 × 3.306 × 5.2	K	BF	FD	CH	PH	ME996167	
							2	150.0 × 3.0 × 5.8		TF	ST	FD	CH	PH	
							3	150.0 × 3.0 × 5.8		TF	SP	FC	CH	PH	
							O	150.0 × 4.0 × 4.75	2F		ST	NT	NT		
1cyl/set															

mitsubishi

MOTORTEILE.RU

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	

NISSAN

34090	3F	MA10 MA10ET	March		987	4	T	68.0 × 1.5 × 2.6	BF	ST	CH	FE	12033-01B05
							2	68.0 × 1.5 × 3.1	TF	FC	PH	PH	12033-01B10
							O	68.0 × 2.8 × 2.9	3F	ST	CH	PH	12033-01B11
34197	3F	CG	MARCH		997	4	T	71.0 × 1.2 × 2.5	BF	ST	CH	PH	12033-41B01
							2	71.0 × 1.5 × 3.1	TF	FC	PH	PH	
							O	71.0 × 3.0 × 2.8	3F	ST	NT	NT	
34199	3F	CR12DE	AD/AD EXPERT/March			4	T	71.0 × 1.2 × 2.5	BF	ST	CH	PH	12033-AX001
							2	71.0 × 1.2 × 2.7	TF	FC	PH	PH	12033-AX00A
							O	71.0 × 2.0 × 2.25	3F	ST	CH	PH	
34144	3F	GA13DS			1,200	4	T	71.0 × 1.5 × 2.5	BF	ST	CH	FE	12033-05B10
							2	71.0 × 1.5 × 3.05	TF	FC	PH	PH	12033-05B11
							O	71.0 × 2.8 × 2.75	3F	ST	NT	PH	
34210	3F	CG13				4	T	72.0 × 1.2 × 2.6	BF	ST	CH	PH	12033-2U800
							2	72.0 × 1.2 × 3.1	TF	FC	PH	PH	
							O	72.0 × 2.5 × 2.45	3F	ST	CH	PH	
34001	3F	A12 J EJ J13 A10 F1 A13 JC	Bluebird		1,299	4	T	73.0 × 2.0 × 3.0	BF	FC	CH	PH	12033-A6200
			P140,410,411,WP410		1,189	2	73.0 × 2.0 × 3.0	TF	FC	PH	PH	12033-B3040	
			1200,1300,Pick-Up		1,177	O	73.0 × 4.0 × 3.2	3F	ST	CH	PH	12033-H6200	
			320,520,521,A321									12033-H6201	
			G521,620,KA321,KPA321										
			SA321,U510,521,620										
			N320,U320,UA321,V320										
			VA320,321,A320,AD320										
			KA320,SA320										
			Sunny(100Y,120Y)										
			B10,20,120,KB10,KC20,VB10										
			Cherry										
			A-KPC20D,B-F11,F10										
H-P20S,H-VF10,KF10,KPE10													
PE10,VF10,VP10,VPC20S													
Cabster													
Pulser(100A,120A)													
Vanette(C20)													
34067	3F	E10 E10S	Sunny		1,000	4	T	73.0 × 1.5 × 2.7	BF	ST	CH	FE	12033-41M01
			P130,VP130,WP130			2	73.0 × 1.5 × 3.1	TF SP	FC	PH	PH	12033-41M02	
						O	73.0 × 4.0 × 3.25	3F	ST	CH	PH		
34178	3F	EJ5KK				4	T	73.0 × 1.2 × 2.2	BF	ST	CH	FE	12033-AX201
							2	73.0 × 1.2 × 2.8	TF	FC	PH	PH	12033-AX20A
							O	73.0 × 2.0 × 2.15	3F	ST	NT	NT	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34081	3F	GA14 GA14S	AD Van		1,400	4	T	73.6 × 1.5 × 2.75	BF		ST	NT	NT	12033-87A00	
			R-VY10,VFY10				2	73.6 × 1.5 × 3.2	TF	FC	CH	PH	12033-87A10		
							O	73.6 × 2.8 × 2.8	3F	ST	CH	PH			
34084	3F	GA15 GA15S	AD Van		1,400	4	T	73.6 × 1.5 × 2.75	BF		ST	NT	NT	12033-53Y00	
			R-VY10,VFY10				2	73.6 × 1.5 × 3.2	TF	FC	PH	PH			
							O	73.6 × 2.8 × 2.8	3F	ST	CH	PH			
34207	3F	QG15DE				4	T	73.6 × 1.2 × 2.6	BF		ST	CH	FE	12033-5M370	
							2	73.6 × 1.2 × 3.2	TF	FC	PH	PH			
							O	73.6 × 2.5 × 2.65	3F	ST	CH	PH			
34037	3F	A12A	Sunny(120Y),B310,YN10		1,237	4	T	75.0 × 2.0 × 2.75	BF		ST	NT	NT	12033-H8500	
			Pulser(120A)Cherry				2	75.0 × 2.0 × 3.2	TF	FC	PH	PH			
							O	75.0 × 4.0 × 3.25	3F	ST	CH	PH			
34606	3F	A14	Sunny(140Y)		1,397	4	T	76.0 × 2.0 × 2.75	BF		ST	NT	NT	12033-H7200	
			B310,B-A10,B-KA10,B-HB211				2	76.0 × 2.0 × 3.4	TF	FC	PH	PH	12033-H8660		
			B-KHB211,B-KPF11				O	76.0 × 4.0 × 3.25	3F	ST	CH	PH	12033-H8900		
			Violet(140J)										12033-H9910		
			HB310,H-VHB210,HN10,PC PGC121,VHB310,311,VHN 10,11 VYN10,WHB310,A11,LA10 Pulser(140A)												
34038	3F	A15 A14(NEW)	Sunny		1,487	4	T	76.0 × 1.2 × 3.1	BF		ST	CH	FE	12033-H7680	
			Pulser		1,397		2	76.0 × 2.0 × 3.4	TF	FC	PH	PH	12033-H9800		
			Vanette(C20),KHC120				O	76.0 × 4.0 × 3.2	3F	ST	CH	PH	12033-H9810		
													12033-H9915 12033-H9918		
34053	3F	E13 E15 E13S E15S E15-T E16	Sunny(210),AD		1,270	4	T	76.0 × 1.5 × 3.2	BF		FD	CH	PH	12033-01M01	
			Van,B11FWD		1,487		2	76.0 × 1.5 × 3.4	TF SP	FC	PH	PH	12033-01M02		
			Pulser,AD Van				O	76.0 × 4.0 × 3.2	3F	ST	CH	FE	12033-01M10		
			Datsun,AD Van										12033-01M12		
			Laurel Spirit										12033-17M00		
			SENTRA,rangley										12033-17M10 12033-61A00		
34082	3F	GA16 GA16DE	Sunny		1,600	4	T	76.0 × 1.5 × 3.2	BF		FD	CH	PH	12033-57Y00	
			Pulser				2	76.0 × 1.5 × 3.2	TF	FC	PH	PH	12033-57Y01		
			Premera				O	76.0 × 2.8 × 2.85	3F	ST	CH	PH	12033-84A11		
34079	3FAC	GA16-DS 6A16	Blue Bird		1,600	4	T	76.0 × 1.5 × 2.75	BF		ST	NT	NT	12033-94M00	
			Carena,Sunny,Pulser				2	76.0 × 1.5 × 3.2	TF	FC	CH	PH	12033-94M01		
							O	76.0 × 2.8 × 2.75	3F	ST	NT	PH	12033-94M02		
34198	3F	QG16DE	PRIMERA 02-			4	T	76.0 × 1.2 × 2.8	BF		ST	CH	PH	12033-7J910	
							2	76.0 × 1.2 × 3.2	TF	FC	PH	PH			
							O	76.0 × 2.5 × 2.75	3F	ST	CH	PH			

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34112	3F	VQ20 VQ20DE	Cefiro		1,995	6	T	76.0 × 1.2 × 2.75	BF	BT	ST	CH	FE	12033-31U00	
			Maxima				2	76.0 × 1.2 × 3.2	TF		FC	PH	PH	12033-31U01	
							O	76.0 × 2.5 × 3.05	3F		ST	CH	PH		
34062	3FAC	CA16S	Auster		1,598	4	T	77.95 × 1.5 × 3.3	BF		FD	CH	PH	12033-D0120	
			Stanza				2	77.95 × 1.5 × 3.4	TF	SP	FC	CH	PH	12033-D0400	
			Blue Bird				O	77.95 × 4.0 × 3.0	3F		ST	CH	PH	12033-06E00 12033-06E10	
34031	3F	J15 J16	Caravan(E20)		1,483	4	T	77.95 × 2.0 × 3.7	BF		FC	CH	PH	12033-01W60	
			1500,1600 Pick-Up				2	77.95 × 2.0 × 3.7	TF	SP	FC	PH	PH	12033-01W61	
			N521,N620,GN1521,UN521				O	77.95 × 4.0 × 3.85	3F		ST	CH	PH	12033-01W62	
			VH521,T20,HT20,VHT20												12033-B3030
			VV20 Bus GHK20,HE20,H-VSE20 KT20,SVE20,VE20,VHT20												12033-B8200
34019	3F	L20 L20A	Cedric(200C)		1,998	6	T	77.95 × 2.0 × 3.7	BF		FC	CH	PH	12033-73401	
			H130				2	77.95 × 2.5 × 3.7	TF	SP	FC	PH	PH	12033-73402	
							O	77.95 × 4.0 × 3.55	3F		ST	CH	FE		
34025	3F	L20A LPG L20ET	Cedric(200C)		1,998	6	T	77.95 × 2.0 × 3.7	BF		FC	CH	PH	12033-E3030	
			Gloria				2	77.95 × 2.0 × 3.7	TF		FC	PH	PH	12033-V0300	
			Laurel(200L)				O	77.95 × 4.0 × 3.55	3F		ST	CH	PH	12033-V0310	
			Skyline(200K) FairladyZ(200Z)											12033-V0400	
34059	3F	L20A-2	Cedric		1,998	6	T	77.95 × 1.5 × 3.3	BF		FD	CH	PH	12033-01L00	
			H130,HV130,W230,330				2	77.95 × 2.0 × 3.6	TF	SP	FC	PH	PH		
			V230,VH130,W230,WH130				O	77.95 × 4.0 × 3.55	3F		ST	CH	FE		
			Bluebird C-RG810,G610,KG610 Skyline2000GT AGC110,GC10,110 KGC10,110,KPC110,WPC110 Gloria HA30,VHA30 Fairlady Z AG610,A-S30,CRG810 S30,SG30,PS30												
34036	3F	L20E L20A (NEW)	Cedric(200C)		1,998	6	T	77.95 × 1.2 × 3.2	BF		ST	CH	PH	12033-Y7000	
			Gloria				2	77.95 × 2.0 × 3.7	TF		FC	PH	PH	12033-Y7010	
			430,K430,V430,VH430,W430				O	77.95 × 4.0 × 3.65	3F		ST	CH	PH	12033-Y7011	
			Fairlady Z(200Z)GS130,S130 Leopard PF30 Laurel(200L) HC231,HLC230,KHC231, KHL231 Skyline(200K)K,HGC211												

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference	
									①	②	③		Outside	Upper/ Lower		
34177	3F	HR16DE				4	T	78.0 × 1.2 × 2.5	BF			ST	CH	FE	12033-EE000	
							2	78.0 × 1.2 × 2.7	TF				FC	PH		PH
							O	78.0 × 2.0 × 2.4	3F				ST	CH		PH
34061	2FAC	CD17	Sunny Diesel,SB11		1,680	4	T	80.0 × 1.75 × 2.95	BF			ST	NT	NT	12033-16A00	
							2	80.0 × 2.0 × 3.3	TF ST				FC	CH		PH
							O	80.0 × 3.0 × 3.75	2F				ST	NT		NT
34195	3F	QG18				4	T	80.0 × 1.2 × 2.85	BF			ST	CH	FE	12033-4M70A	
							2	80.0 × 1.2 × 3.4	TF				FC	PH		PH
							O	80.0 × 2.5 × 2.65	3F				ST	NT		NT
34131	3F	QG18DE			1,769	4	T	80.0 × 1.2 × 2.85	BF			ST	CH	FE	12033-AV300	
							2	80.0 × 1.2 × 3.4	TF				FC	PH	PH	12033-8M100
							O	80.0 × 2.5 × 2.5	3F				ST	CH	PH	
34202	3FAC	QG18DE-2	WINGROAD			4	T	80.0 × 1.5 × 2.9	BF			ST	CH	FE	12033-WD310	
			BLUE BIRD				2	80.0 × 1.5 × 3.4	TF				FC	CH		PH
			SENTRA				O	80.0 × 2.8 × 2.75	3F				ST	CH		PH
34080	3F	J18	MEXICO NISSAN		1,800	4	T	80.5 × 1.5 × 3.5	BF			FD	CH	PH	12033-J2190	
			2				80.5 × 2.0 × 3.7	TF SP			FC		PH	PH	12033-J21G0	
			O				80.5 × 4.0 × 3.2	3F			ST		CH	PH	12033-N7900	
34032	3F	G15	Skyline1500		1,484	4	T	82.0 × 2.0 × 3.8	BF			FC	CH	PH	12033-28500	
			C10,C10M,S,WT,WC10M				2	82.0 × 2.0 × 3.8	TF				FC	PH		PH
			VC10M,S				O	82.0 × 4.0 × 3.55	3F				ST	CH		FE
34063	3F	CA18	Bluebird		1,809	4	T	83.0 × 1.5 × 3.1	BF			ST	NT	NT	12033-01E00	
		C18E	Stanza,Auster				2	83.0 × 1.5 × 3.6	TF SP				FC	PH	PH	12033-01E10
		C18S	Laurel,Skyline				O	83.0 × 4.0 × 3.6	3F				ST	CH	PH	12033-01F00
			Gazella,Siliva													12033-D0210 12033-D0500
34180	3FAC	CA18-DET	Gazelle		1,809	4	T	83.0 × 1.5 × 2.9	BF			ST	NT	NT	12033-44F00	
			2				83.0 × 1.5 × 3.6	TF			FC		CH	PH	12033-D4210	
			O				83.0 × 2.8 × 2.75	3F			ST		NT	NT	12033-17F00 12033-18F00 12033-18F10	
34066	3FAC	CA18ET	Bluebird V11T		1,809	4	T	83.0 × 1.5 × 2.9	BF			ST	CH		12033-17F00	
			Stanza,Auster				2	83.0 × 1.5 × 3.6	TF				FC	CH	PH	12033-18F00
			Gazella turbo				O	83.0 × 2.8 × 2.95	3F				ST	CH	PH	12033-18F10

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34023	3F	L16	Bluebird1300		1,296	4	T	83.0 × 2.0 × 3.1	BF		ST	NT	NT	12033-21000	
			L13	510,V510,W510		1,428	2	83.0 × 2.0 × 3.4	TF		FC	PH	PH	12033-23000	
			L14	Bluebird1400		1,595	O	83.0 × 4.0 × 3.6	3F		ST	CH	PH	12033-A0600	
			Z16	N510,VH510											12033-A3500
				Violet(140J)											12033-A3501
				J710,JK710,VJ710											12033-W0700
				Sunny(140Y)											12033-W7110
				A-PB210,PB210											
				Bluebird1600											
				Violet(160J)											
	Auster														
34035	3F	L24	Cedric(240C),ML430		2,393	6	T	83.0 × 2.0 × 3.1	BF		ST	NT	NT	12033-A8620	
			L26	Laurel(240L),KMLC230		2,563	2	83.0 × 2.0 × 3.4	TF		FC	PH	PH	12033-E3100	
				Skyline(240K),K-MLGC210			O	83.0 × 4.0 × 3.6	3F		ST	CH	PH	12033-E3110	
				Fairlady Z(240Z)											12033-W0810
				Cedric(260C)											
	Gloria,Laurel(260L)														
	Fairlady Z(260Z)														
34051	3F	L24E	Bluebird, Maxima		2,393	6	T	83.0 × 1.5 × 3.1	BF		ST	NT	NT	12033-W2400	
						2	83.0 × 2.0 × 3.4	TF		FC	PH	PH	12033-W2410		
						O	83.0 × 4.0 × 3.6	3F		ST	CH	PH	12033-W2420		
34052	3F	L24E-2	Bluebird		2,393	6	T	83.0 × 1.5 × 3.6	BF		FD	CH	PH	12033-W3100	
						2	83.0 × 1.5 × 3.6	TF SP		FC	PH	PH			
						O	83.0 × 4.0 × 3.55	3F		ST	CH	FE			
34022	2F	SD22	Cedric Diesel(200C)		1,991	4	T	83.0 × 2.5 × 3.15	HK BF		ST	NT	NT	12033-37500	
			SD20	Q130,230,330,QG31Y		2,164	2	83.0 × 2.0 × 3.4	TF		FC	PH	PH	12033-76202	
				Laurel Diesel(200L)			3	83.0 × 2.0 × 3.4	TF SP		FC	PH	PH	12033-76203	
				Caravan(E20)			O	83.0 × 4.5 × 4.25	2F		ST	CH	FE	12033-76204	
				DRGE23,GKRE20			O	83.0 × 4.5 × 3.4	1F		FC	PH	PH	12033-V1310	
				VRE20,VRSE20										12033-Y1400	
				Caball										12033-Y1401	
				DQC240,HQC142,QC141,240										12033-Y1402	
				Cabstar										12033-Y1404	
				QF21,QLGF20										12033-Y1410	
	Diesel Pick-Up										12033-Y1412				
	S720,SL720,SG720,SLG720														
34054	2F	SD22-2	Truck		2,164	4	T	83.0 × 2.5 × 3.5	BF		FD	CH	PH	12033-R8100	
				Q22,40,QC141,240,DQC240			2	83.0 × 2.0 × 3.4	TF		FC	PH	PH	12033-R8103	
				HQC142,240			O	83.0 × 4.5 × 4.25	2F		ST	CH	FE	12033-R8104	
				Bus										12033-R8110	
				GHQC240,658,665										12033-R8112	
	GQC240										12033-R8114				

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape	Material	Surface Treatment		Reference	
									① ② ③		Outside	Upper/Lower		
34034	2F	SD33	Truck		3,246	6	T	83.0 × 2.5 × 3.15	HK BF	ST	NT	NT	12033-61500	
			QC80,QSC80,DQS80,A,B				2	83.0 × 2.0 × 3.4	TF	FC	PH	PH	12033-61502	
			Safari 4WD				3	83.0 × 2.0 × 3.4	TF SP	FC	PH	PH	12033-61503	
			Patrol 4WD				O	83.0 × 4.5 × 4.25	2F	ST	CH	FE	12033-J2200	
			KR160,KRL160,JRL160, VRG160				O	83.0 × 4.5 × 3.4	1F	FC	PH	PH	12033-J2202 12033-J2204	
34191	2FAC	SD33T	Patrol 4WD		3,246	6	T	83.0 × 2.5 × 3.5	HK BF	FC	CH	PH	12033-C8702	
			Safari 4WD				2	83.0 × 2.0 × 3.4	TF ST	FC	CH	PH	12033-C8704	
							O	83.0 × 4.0 × 3.9	2F	ST	NT	NT		
34162	3F	MR20DE	TIIDA			4	T	84.0 × 1.2 × 2.6	BF	ST	CH	FE	12033-EN200	
							2	84.0 × 1.2 × 3.0	TF	FC	PH	PH	12033-CK80A	
							O	84.0 × 2.0 × 2.45	3F	ST	CH	PH	12033-EN20A	
34056	3FAC	CA20	Bluebird YU11		1,973	4	T	84.5 × 1.5 × 3.6	BF	FD	CH	PH	12033-04E00	
		CA20A	Cedric NY30				2	84.5 × 1.5 × 3.9	TF SP	FC	CH	PH	12033-04E10	
		CA20S	Vanette				O	84.5 × 4.0 × 3.2	3F	ST	CH	PH	12033-D1700 12033-D2000	
34086	3F	CA20(NEW)	Bluebird		1,973	4	T	84.5 × 1.5 × 3.15	BF	ST	NT	NT	12033-13E00	
		CA20E					2	84.5 × 1.5 × 3.7	TF	FC	CH	PH	12033-35R00	
							O	84.5 × 2.8 × 2.9	3F	ST	NT	PH	12033-61E10	
34097	2FAC	CD20	Sunny Diesel		1,952	4	T	84.5 × 2.0 × 2.95	BF	ST	NT	NT	12033-57J00	
			Datsun Truck				2	84.5 × 2.0 × 3.5	TF ST	FC	CH	PH		
							O	84.5 × 3.0 × 3.3	2F	ST	NT	NT		
34039	2F	LD28	Cedric Diesel(280C)		2,792	6	T	84.5 × 2.0 × 3.15	BF	ST	NT	NT	12033-V0700	
			Gloria				2	84.5 × 2.0 × 3.5	TF ST	FC	PH	PH		
			H430,HL430,KH430,W430				O	84.5 × 4.0 × 4.1	2F	ST	NT	NT		
			Skyline Diesel(280K) EGC211,KEGC211											
34163	3F	J23	TEANA			6	T	85.0 × 1.2 × 3.15	BF BT	ST	NT	NT		
							2	85.0 × 1.2 × 3.5	TF SP	FC	PH	PH		
							O	85.0 × 2.0 × 2.25	3F	ST	CH	PH		
34028	3F	L18	Skyline(180K)		1,815	4	T	85.0 × 2.0 × 3.8	BF	FC	CH	PH	12033-78520	
		G16,G18	KPC10,110,PC10,110				1,770	2	85.0 × 2.0 × 3.9	TF	FC	PH	PH	12033-78521
		Z18	VPC10,110,WPC10,110				1,998	O	85.0 × 4.0 × 3.6	3F	ST	CH	PH	12033-A8701
		L20B	Laurel(180L)											12033-A8702
		G4	C30,C30A,C30T,KC30											12033-U6000
			Bluebird											12033-U6001
			AP610,C-PB810,C-PJ810, H510											12033-U6002 12033-W0805
			KH510,KP610,P610,U1800											12033-W0815
			1800 Pick-Up KPL720,UPL720											12033-W1600
			P910,KP910,KML910, WP910 Bluebird ,HL610											

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34040	2F	LD20	Bluebird Diesel,VEJ910	Skyline Diesel(200K) VSC211	1,952	4	T	85.0 × 2.0 × 3.15	BF		ST	NT	NT	12033-W1700	
			2				85.0 × 2.0 × 3.5	TF	ST	FC	PH	PH			
			O				85.0 × 4.0 × 4.1	2F		ST	NT	NT			
34129	2FAC	RD28	Crew	Gloria,skyline	2,825	6	T	85.0 × 2.0 × 3.15	BF		ST	NT	NT	12033-22J11	
			2				85.0 × 2.0 × 3.5	TF	ST	FC	CH	PH			
			O				85.0 × 4.0 × 4.1	2F		ST	NT	NT			
34042	3FAC-T	Z18	Bluebird ,KY910	1,952	4	T	85.0 × 1.5 × 3.6	TF		FD	CH	PH	12033-24G00		
		Z20	Skyline(200K),KVC211			2	85.0 × 1.5 × 3.9	TF		FC	CH	PH	12033-N8510		
		Z20E	Laurel(200L),VC231,KVC231			O	85.0 × 4.0 × 3.55	3F		ST	CH	PH	12033-N8520		
			Silvia(200SX),PS110,KPS110 Vanette(C20),KHE23												
34057	3F	Z20-2	Bluebird (200SX)	1,952	4	T	85.0 × 1.2 × 3.1	BF		ST	CH	PH	12033-N8500		
		Z20F	Silvia			2	85.0 × 1.5 × 3.8	TF		FC	PH	PH			
						O	85.0 × 4.0 × 3.2	3F		ST	CH	PH			
34068	3F	Z20-3	Auster Stanza	1,952	4	T	85.0 × 1.2 × 3.1	BF		ST	CH	PH	12033-04W00		
		Z18-3	FRA11,JF30,KPC231	1,770	2	85.0 × 2.0 × 3.7	TF		FC	PH	PH	12033-D5810			
		Z20B	JF30,PC231,P,PG	1,998	O	85.0 × 4.0 × 3.2	3F		ST	CH	PH				
		L20B	WP910,S-KS110												
34007	3F	P	Patrol 4WD,Truck	680,681,D680,G680,T680 780,D780,G780,S780,T780 Bus,E690	3,956	6	T	85.69 × 2.5 × 3.7	BF	BT	FC	CH	PH	12033-58003	
			2				85.69 × 2.5 × 3.7	TF		FC	PH	PH	12033-58004		
			O				85.69 × 4.76 × 3.55	3F		ST	CH	PH	12033-58005		
														12033-C6000	
34170	3FAC	K30 SY31				4	T	86.0 × 1.2 × 3.15	BF	BT	ST	NT	NT	12033-VR300	
			2				86.0 × 1.2 × 3.5	TF		FC	CH	PH			
			O				86.0 × 4.0 × 2.9	3F		ST	NT	NT			
34608	3F	L28	Cedric(280C)	2,753	6	T	86.0 × 2.0 × 3.1	BF	BT	ST	CH		12033-N4200		
		L28F	Laurel(280L)			2	86.0 × 2.0 × 3.6	TF	ST	FC	PH	PH	12033-N4210		
			A-P330,A-SC130,CKN230 CNC230,KP330,KSC130, KNC213 Fairlady Z(280Z) HS130,HLS130,KHLS130 HLGS130,KHLGS130 Leopard			O	86.0 × 4.0 × 3.25	3F		ST	NT	NT	12033-N4220		
													12033-P8360		
												12033-P8370			
34055	3F	L28-2	Laurel(280Z)	2,753	6	T	86.0 × 1.5 × 3.35	BF		ST	NT	NT	12033-P7900		
		L28-T	Leopard			2	86.0 × 2.0 × 3.6	TF	ST	FC	PH	PH	12033-P7910		
		L28E	Fairlady			O	86.0 × 4.0 × 3.25	3F		ST	NT	NT	12033-P8600		
			Cabster NW40										12033-P8610		
34111	3FAC	NA20				4	T	86.0 × 1.5 × 3.35	BF		ST	NT	NT	12033-3T602	
			2				86.0 × 1.5 × 3.8	TF		FC	PH	PH			
			O				86.0 × 4.0 × 3.25	3F		ST	NT	NT			
34188	3FAC	NA20S	Caravan	2,000	4	T	86.0 × 1.5 × 3.1	BF		ST	NT	NT	12033-85G00		
			2			86.0 × 1.5 × 3.7	TF		FC	CH	PH	12033-85G10			
			O			86.0 × 4.0 × 3.4	3F		ST	NT	NT				

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34076	3F	RB30E			3,000	6	T	86.0 × 1.5 × 3.35	BF		ST	NT	NT	12033-67S10	
							2	86.0 × 1.5 × 3.8	TF		FC	PH	PH	12033-B4910	
							O	86.0 × 2.8 × 2.9	3F		ST	CH	PH		
34085	3F	SR20	Bluebird		1,998	4	T	86.0 × 1.5 × 3.35	BF		ST	NT	NT	12033-53J00	
							2	86.0 × 1.5 × 3.8	TF		FC	PH	PH		
							O	86.0 × 3.0 × 2.85	3F		ST	CH	PH		
34186	3F	SR20				4	T	86.0 × 1.2 × 3.0	BF		ST	CH	FE	12033-2J210	
							2	86.0 × 1.2 × 3.7	TF		FC	PH	PH		
							O	86.0 × 2.5 × 2.75	3F		ST	CH	PH		
34187	3FAC	SR20-2	Bluebird Silvia 180SX		2,000	4	T	86.0 × 1.2 × 3.1	BF BT		ST	NT	NT	12033-4M802	
							2	86.0 × 1.2 × 3.7	TF		FC	CH	PH		
							O	86.0 × 2.5 × 2.75	3F		ST	CH	PH		
34169	3FAC	TZ3P				4	T	86.0 × 1.5 × 3.2	BF BT		ST	NT	NT	12033-OH600	
							2	86.0 × 1.5 × 3.7	TF		FC	CH	PH		
							O	86.0 × 4.0 × 2.9	3F		ST	NT	NT		
34167	2F	YD22			2,200	4	T	86.0 × 2.0 × 2.95	HK BF		ST	NT	NT	12033-AW400	
							2	86.0 × 2.0 × 3.5	TF ST		FC	PH	PH		
							O	86.0 × 3.0 × 3.53	2F		ST	NT	NT		
34168	2FAC	YD22-2			2,200	4	T	86.0 × 1.75 × 3.0	HK BF		ST	NT	NT	12033-WD000	
							2	86.0 × 1.5 × 3.1	TF BT		FD	CH	PH		
							O	86.0 × 3.0 × 3.53	2F		ST	NT	NT		
34103	2FAC	LD23	Serena			4	T	87.0 × 2.0 × 3.45	BF		ST	CH	FE	12033-9C626	
							2	87.0 × 2.0 × 3.6	TF SP		FC	CH	PH		
							O	87.0 × 3.0 × 3.4	2F		ST	NT	NT		
34065	3FAC	VG30	Cedric PY30 Fairlady Gloria		2,960	6	T	87.0 × 1.5 × 3.1	BF		ST	CH	PH	12033-02P10	
							2	87.0 × 1.5 × 3.8	TF		FC	CH	PH	12033-03P00	
							O	87.0 × 2.8 × 2.95	3F		ST	CH	PH	12033-03P10 12033-21P10	
34189	3FAC	VG30-2	Caraban PY31,KE24,WHYD21,JPY32, Z32,PY32,CZ32		2,960	6	T	87.0 × 1.5 × 3.15	BF		ST	NT	NT	12033-17V00	
							2	87.0 × 1.5 × 3.7	TF		FC	CH	PH	12033-17V01	
							O	87.0 × 2.8 × 2.9	3F		ST	NT	NT		
34181	3FAC	VG30-DE	Gloria Cedric		2,960	6	T	87.0 × 1.5 × 3.1	BF		ST	NT	NT	12033-F6500	
							2	87.0 × 1.5 × 3.7	TF		FC	CH	PH	12033-F6510	
							O	87.0 × 2.8 × 3.05	3F		ST	CH	PH	12033-F6511	
34150	3FAC	VG30-I	Datsun Truck		2,960	6	T	87.0 × 2.0 × 3.0	BF		ST	NT	NT	12033-15G10	
							2	87.0 × 1.5 × 3.7	TF		FC	CH	PH	12033-15V00	
							O	87.0 × 2.8 × 2.9	3F		ST	NT	PH	12033-V8000	
34050	3FAC	Z22 Z22S Z22E	Datsun Truck Cabster UW40		2,187	4	T	87.0 × 1.5 × 3.7	BF		FD	CH	PH	12033-06W10	
							2	87.0 × 1.5 × 4.0	TF SP		FC	CH	PH	12033-06W20	
							O	87.0 × 4.0 × 3.2	3F		ST	CH	FE	12033-D8500	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference	
									①	②	③		Outside	Upper/Lower		
34017	3F	H20 H20P	Cedric (Y130)		1,982	4	T	87.2 × 2.0 × 4.05	BF	BT	FC	CH	PH	12033-14601		
			130,V130,N230,VN230, AN230				2	87.2 × 2.5 × 4.05	TF	SP	FC	PH	PH	12033-R9000		
			Silvia(160S)CPS311 Fairlady SP311 Bluebird R411 President150,250 Truck C142,240,D641,660,DC142, 240 HC240,655,657,662 V140,641,A,642,VC655 446,A,641,A,V641 C80,SC80,DSC80 Bus A-KPSE20,CH240,CHWT40 GC142,240,GHC142,240, GHT40 GHWT40,657,664,H-GKPE20 KC142,240				O	87.2 × 4.0 × 4.05	3F		ST	CH	PH	12033-R9023 12033-Y4460		
34020	3F	H30	President,150,250		2,974	6	T	87.2 × 2.0 × 4.0	BF		FC	CH	PH	12033-66001		
			Cedric(300C),Y130				2	87.2 × 2.5 × 4.0	TF		FC	PH	PH			
						O	87.2 × 4.0 × 3.65	3F		ST	CH	FE				
34030	3F	G20	Laurel(200L)		1,990	4	T	89.0 × 2.0 × 4.3	BF		FC	CH	PH	12033-E6620		
			PC30,130,KPC30,130				2	89.0 × 2.0 × 4.3	TF		FC	PH	PH	12033-E6800		
						O	89.0 × 4.0 × 3.65	3F		ST	CH	PH				
34114	3F	KA24	Largo		2,388	4	T	89.0 × 1.5 × 3.25	BF		ST	CH	FE	12033-53F01		
			MH11,W30				2	89.0 × 1.5 × 3.9	TF		FC	PH	PH	12033-70F00		
						O	89.0 × 2.8 × 2.85	3F		ST	CH	PH				
34143	3F	KA24DE			2,488	4	T	89.0 × 1.2 × 3.3	BF	BT	ST	CH	FE	12033-5V110		
						2	89.0 × 1.2 × 3.8	TF		FC	PH	PH				
						O	89.0 × 2.5 × 3.05	3F		ST	CH	PH				
34147	3F	KA24DE	Altima		2,388	4	T	89.0 × 1.2 × 3.3	BF	BT	ST	CH	FE	12033-9E000		
						2	89.0 × 1.2 × 3.8	TF		FC	PH	PH				
						O	89.0 × 2.5 × 2.75	3F		ST	CH	PH				
34190	3F	QR20DE	Sentra			4	T	89.0 × 1.2 × 3.3	BF		ST	CH	FE	12033-AE003		
			Altima				2	89.0 × 1.2 × 3.8	TF		FC	PH	PH			
						O	89.0 × 2.5 × 2.75	3F		ST	CH	PH				
34149	3F	QR25 QR25DE	Altima		2,488	4	T	89.0 × 1.2 × 3.15	BF	BT	ST	NT	NT	12033-8H301		
						2	89.0 × 1.2 × 3.8	TF		FC	PH	PH	12033-9H500			
						O	89.0 × 2.5 × 2.55	3F		ST	CH	PH				

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34064	2FAC	SD23	Altas NF22		2,289	4	T	89.0 × 2.5 × 3.7	BF		FD	CH	PH	12033-L2000	
			Cedric RY30		2,488	2	89.0 × 2.0 × 3.7	TF	ST	FD	CH	PH	12033-L2002		
						O	89.0 × 4.5 × 4.2	2F		FC	CH	PH	12033-L2003 12033-L2004		
34194	3FAC	TA3I				6	T	89.0 × 1.5 × 3.1	BF		ST	NT	NT	12033-86G00	
						2	89.0 × 1.5 × 3.9	TF		FC	CR	PH	12033-86G01		
						O	89.0 × 2.8 × 2.85	3F		ST	NT	NT			
34105	2FAC	TD23	Datsun Truck		2,289	4	T	89.0 × 2.5 × 3.35	BF		ST	NT	NT	12033-02N00	
						2	89.0 × 2.0 × 3.7	TF	ST	FC	CH	PH	12033-02N10		
						O	89.0 × 4.0 × 4.1	2F		ST	NT	NT	12033-02N11		
34182	2FAC	YD25			2,500	4	T	89.0 × 2.0 × 3.0	HK	BF	ST	NT	NT	12033-VK520	
						2	89.0 × 2.0 × 3.5	TF	ST	FC	CH	PH			
						O	89.0 × 3.0 × 3.55	2F		ST	NT	NT			
34206	2FAC	YD25-2	Navara		2,500	4	T	89.0 × 2.0 × 3.0	HK	BF	ST	NT	NT	12033-EB70A	
						2	89.0 × 2.0 × 3.4	TF	ST	FC	PH	PH	12033-EB30B		
						O	89.0 × 3.0 × 3.55	2F		ST	NT	NT			
34134	2F	YD25TI	Frontier Navara		2,500	4	T	89.0 × 2.0 × 2.95	HK	BF	ST	NT	NT	12033-VK510	
						2	89.0 × 2.0 × 3.4	TF	ST	FC	PH	PH			
						O	89.0 × 3.0 × 3.55	2F		ST	NT	NT			
34070	3FAC	Z24	Datsun Truck		2,400	4	T	89.0 × 1.5 × 3.7	BF		FD	CH	PH	12033-10W00	
						2	89.0 × 1.5 × 3.9	TF	SP	FC	CH	PH	12033-30W10		
						O	89.0 × 4.0 × 3.55	3F		ST	CH	PH			
34077	3FAC	Z24-2	URVAN		2,400	4	T	89.0 × 2.0 × 3.15	BF	BT	ST	NT	NT	12033-13G10	
			Datsun Truck			2	89.0 × 1.5 × 3.9	TF	SP	FC	CH	PH	12033-83W00		
						O	89.0 × 4.0 × 3.25	3F		ST	CH	PH			
34132	3F	VG33	Terrano		3,274	6	T	91.5 × 1.5 × 3.25	BF		ST	CH	FE	12033-0W000	
			Elgrand			2	91.5 × 1.5 × 4.0	TF		FC	PH	PH	12033-0W010		
						O	91.5 × 2.8 × 2.85	3F		ST	CH	PH			
34078	2FAC	TD25 AD-4	Datsun Truck		2,494	4	T	92.9 × 2.5 × 3.55	BF		ST	NT	NT	12033-44G10	
						2	92.9 × 2.0 × 4.0	TF	ST	FC	CH	PH			
						O	92.9 × 4.0 × 3.95	2F		ST	NT	NT			
34095	2FAC	TD25-2	Datsun Truck		2,494	4	T	92.9 × 2.5 × 3.55	BF		ST	NT	NT	12033-5T115	
						2	92.9 × 2.0 × 4.0	TF	ST	FC	CH	PH			
						O	92.9 × 3.0 × 3.8	2F		ST	NT	NT			
34135	2FAC	TD25T1				4	T	92.9 × 2.5 × 3.55	HK	BF	ST	NT	NT	12033-3S910	
						2	92.9 × 2.0 × 4.0	TF	ST	FC	CH	PH			
						O	92.9 × 3.0 × 3.8	2F		ST	NT	NT			
34091	3FAC	VQ30DE	Cedric		3,000	6	T	93.0 × 1.2 × 3.3	BF	BT	ST	NT	NT	12033-47U01	
						2	93.0 × 1.2 × 4.0	TF		FC	CH	PH			
						O	93.0 × 2.5 × 2.85	3F		ST	NT	PH			
34130	3F	VQ35				6	T	95.5 × 1.2 × 3.45	BF		ST	CH	FE	12033-4W005	
						2	95.5 × 1.2 × 4.0	TF		FC	PH	PH			
						O	95.5 × 2.5 × 2.5	3F		ST	CH	PH			

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34196	3F	VQ35DE	MURANO			6	T	95.5 × 1.2 × 3.45	BF		ST	CH	FE	12033-8J100	
								95.5 × 1.2 × 4.0	TF		FC	PH	PH		
								95.5 × 2.5 × 2.65	3F		ST	CH	PH		
34116	2FAC	BD30	Cedric		2,953	4	T	96.0 × 2.5 × 3.55	BF		ST	NT	NT	12033-54T10	
								96.0 × 2.0 × 4.0	TF	ST	FC	CH	PH		
								96.0 × 4.0 × 3.95	2F		ST	NT	NT		
34087	3F	TB42 TB42E	Safari		4,169	6	T	96.0 × 2.0 × 3.35	BF		ST	NT	NT	12033-03J00	
		96.0 × 2.0 × 4.2						TF		FC	CH	PH			
		96.0 × 4.0 × 3.3						3F		ST	NT	PH			
34075	2FAC	TD27 AD-2	Caraban,Hormy		2,700	4	T	96.0 × 2.5 × 3.55	BF		ST	NT	NT	12033-43G10	
		96.0 × 2.0 × 4.0						TF	ST	FC	CH	PH	12033-43G11		
		96.0 × 4.0 × 3.95						2F		ST	NT	NT			
34096	2FAC	TD27-2 AD-2	Datsun Truck Caraban		2,700	4	T	96.0 × 2.5 × 3.55	BF		ST	NT	NT	12033-6T010	
		96.0 × 2.0 × 4.0	TF					ST	FC	CH	PH				
		96.0 × 3.0 × 3.8	2F						ST	NT	NT				
34158	2FAC	TD27-3	Terrano,Patrol		2,700	4	T	96.0 × 2.5 × 3.75	HK	BF	ST	NT	NT	12033-VK610	
								96.0 × 2.0 × 4.0	TF	ST	FC	CH	PH	12033-OW81A	
								96.0 × 3.0 × 3.9	2F		ST	NT	NT		
34159	2F	TD27-4	Terrano,Patrol			4	T	96.0 × 2.5 × 3.75	HK	BF	ST	NT	NT	12033-DB010	
								96.0 × 2.0 × 4.0	TF		FC	PH	PH		
								96.0 × 2.0 × 2.75	2F		ST	NT	NT		
34092	2FAC	TD27T AD27T	Datsun Truck Caraban		2,700	4	T	96.0 × 2.5 × 3.75	HK	BF	ST	NT	NT	12033-37N10	
		96.0 × 2.0 × 4.0	TF					ST	FC	CH	PH				
		96.0 × 4.0 × 3.95	2F						ST	NT	NT				
34098	2FAC	TD42 AD3	Datsun Jeep Safari,Civilian		4,169	6	T	96.0 × 2.5 × 3.55	BF		ST	NT	NT	12033-06J10	
		96.0 × 2.0 × 4.0	TF					ST	FC	CH	PH	12033-06J11			
		96.0 × 4.0 × 3.95	2F						ST	NT	NT				
34102	2FAC	TD42T	Datsun,Jeep		4,169	6	T	96.0 × 2.5 × 3.75	HK	BF	ST	NT	NT	12033-05D01	
								96.0 × 2.0 × 4.0	TF	ST	FC	CH	PH		
								96.0 × 4.0 × 3.95	2F		ST	NT	NT		
34160	2FAC	TD42T-2	Safari,Civilian			6	T	96.0 × 2.5 × 3.55	HK	BF	ST	NT	NT	12033-DY712	
								96.0 × 2.0 × 4.0	TF	ST	FC	CH	PH		
								96.0 × 3.0 × 3.15	2F		ST	NT	NT		
34164	2FAC	ZD30				4	T	96.0 × 2.0 × 3.0	BF		ST	NT	NT	12033-VW211	
								96.0 × 1.2 × 3.0	TF	BT	FD	CH	PH		
								96.0 × 2.0 × 2.75	2F		ST	NT	NT		
34166	2F	ZD30T				4	T	96.0 × 2.5 × 3.7	HK	BF	ST	NT	NT	12033-VK610	
								96.0 × 2.0 × 3.9	TF	BT	FC	PH	PH		
								96.0 × 2.0 × 2.75	2F		ST	NT	NT		
34137	2FAC	ZD30T ZD30ET BD30T			2,953	4	T	96.0 × 2.5 × 3.75	HK	BF	ST	NT	NT	12033-0W813	
		96.0 × 2.0 × 4.0						TF	ST	FC	CH	PH	12033-0W814		
		96.0 × 3.0 × 3.15						2F		ST	NT	NT	12033-2W211 12033-NA010		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34609	2FAC	ED30	Truck DEYC240,DYC240, DYWT40,EYT40 HYC240,JVYC240,Y40 YC240,YWT40 Bus GHYC240,GYC240, GYHT40,GYHWT40		2,956	4	T	98.0 × 3.0 × 4.2	BF	FD	CH	PH	97011-02139		
							2	98.0 × 2.0 × 4.2	TF ST	FC	CH	PH	12033-J2001		
							3	98.0 × 2.0 × 4.2	TF SP	FD	CH	PH	12033-J2002		
							O	98.0 × 4.5 × 4.5	2F	FC	CH	PH	12033-J2004		
													12033-J2006		
34136	2FAC	QD32				4	T	99.2 × 2.5 × 3.75	HK BF	ST	NT	NT	12033-1W411		
							2	99.2 × 2.0 × 4.1	TF ST	FC	CH	PH			
							O	99.2 × 3.0 × 3.15	2F	ST	NT	NT			
34118	2FAC	QD32NA AD5	Frontier Caraban Dutsun Track		3,200	4	T	99.2 × 2.5 × 3.75	BF	ST	NT	NT	12033-2S610		
							2	99.2 × 2.0 × 4.1	TF ST	FC	CH	PH			
							O	99.2 × 3.0 × 3.75	2F	ST	NT	NT			
34104	3FAC	TB45				6	T	99.5 × 2.0 × 3.55	BF	ST	NT	NT	12033-VB000		
							2	99.5 × 1.5 × 4.1	TF	FC	CH	PH			
							O	99.5 × 4.0 × 2.95	3F	ST	NT	PH			
34145	3FAC	TB48DE TB480				6	T	99.5 × 2.0 × 3.55	BF	ST	NT	NT	12033-VC200		
							2	99.5 × 1.5 × 4.1	TF	FC	CH	PH	12033-VB000		
							O	99.5 × 4.0 × 3.4	3F	ST	NT	PH			
34044	2FAC	ED33	Truck BISON HMC341 CIVIRIAN GHMC341 CLIPPER HMC341 CLIPPER MC341		3,298	4	T	100.0 × 3.0 × 4.2	BF	FD	CH	PH	12033-J6500		
							2	100.0 × 2.0 × 4.2	TF ST	FC	CH	PH	12033-J6501		
							O	100.0 × 4.5 × 4.3	2F	FC	CH	PH	12033-T9000		
													12033-Z5004		
34045	2FAC	FD-6 ED-6	Truck CK85,CM80,85,90 TK80 Bus R80,RM80		5,654	6	T	100.0 × 3.0 × 4.2	BF	FD	CH	PH	12040-Z5005/cyl		
							2	100.0 × 2.0 × 4.2	TF ST	FC	CH	PH	12040-Z5028		
							O	100.0 × 4.5 × 4.3	2F	FC	CH	PH			
34610	2FAC	FD-6 ED-6	Truck CK85,CM80,85,90 TK80 Bus R80,RM80		5,654	6	T	100.0 × 3.0 × 4.2	BF	FD	CH	PH	12040-Z5001/cyl		
							2	100.0 × 2.0 × 4.2	TF ST	FC	CH	PH	12040-Z5025		
							3	100.0 × 2.0 × 4.2	TF	FC	CH	PH	12040-Z5026/cyl		
							O	100.0 × 4.5 × 4.3	2F	FC	CH	PH	12040-Z5027		
34146	2FAC	FD6T	Truck Condor		5,654	6	T	100.0 × 3.0 × 4.0	HK BF	ST	CH	FE	12033-Z5502/cyl		
							2	100.0 × 2.0 × 4.2	TF ST	FC	CH	PH	12040-Z5527		
							3	100.0 × 2.0 × 4.2	TF	FC	CH	PH			
							O	100.0 × 4.5 × 4.26	2F	ST	CH	FE			
34157	2FAC	FD6T-2				6	T	100.0 × 3.0 × 4.2	K BF	FD	CH	PH	12040-Z5525		
							2	100.0 × 2.0 × 4.2	TF ST	FC	CH	PH	12040-Z5526		
							3	100.0 × 2.0 × 4.2	TF	FC	CH	PH	12040-Z5501/1cyl		
							O	100.0 × 4.5 × 4.5	2F	ST	CH	FE			

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34152	2FAC	FD6T(NEW)	Truck		5,654	6	T	100.0 × 3.0 × 4.0	HK	BF	ST	CH	FE	12033-Z5504/cyl	
							2	100.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	12040-Z5528
							O	100.0 × 4.5 × 4.26	2F		ST	CH	FE		
34205	2FAC	FD33				4	T	100.0 × 2.0 × 3.9		BF	FD	CH	PH		
							2	100.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	
							O	100.0 × 4.0 × 3.7	2F		ST	NT	NT		
34192	2FAC	ED35	Datsun Truck		3,500	4	T	102.5 × 3.0 × 4.2		BF	FD	CH	PH	12033-56T10	
							2	102.5 × 2.0 × 4.2		TF	ST	FC	CH	PH	
							O	102.5 × 4.0 × 4.25	2F		ST	CH	FE		
34094	2FAC	FD35	Condore		3,465	4	T	102.5 × 2.0 × 3.9		BF	FD	CH	PH	12033-01T10	
							2	102.5 × 2.0 × 4.2		TF	ST	FC	CH	PH	
							O	102.5 × 4.0 × 4.25	2F		ST	CH	FE		
34093	2FAC	FD35T	Condore		3,465	4	T	102.5 × 3.0 × 4.2	HK	BF	FD	CH	PH	12033-01T60	
							2	102.5 × 2.0 × 4.2		TF	ST	FC	CH	PH	
							O	102.5 × 4.0 × 4.25	2F		ST	CH	FE		
34193	2FAC	A500FET				6	T	108.0 × 2.5 × 3.65	HK	BF	ST	NT	NT	12040-Z5561/cyl	
							2	108.0 × 2.0 × 4.5		TF	ST	FC	CH	PH	12040-Z5603/cyl
							O	108.0 × 4.0 × 3.6	2F		ST	NT	NT		
1cyl/set															
34120	2FAC	FD42	Condore			4	T	108.0 × 3.0 × 3.95		BF	ST	NT	NT	12033-0T011	
							2	108.0 × 2.0 × 4.5		TF	ST	FC	CH	PH	
							O	108.0 × 4.0 × 3.6	2F		ST	NT	NT		
34121	2FAC	FD46T				4	T	108.0 × 2.5 × 3.65	HK	BF	ST	NT	NT	12033-31D03	
							2	108.0 × 2.0 × 4.5		TF	ST	FC	CH	PH	
							O	108.0 × 3.0 × 3.6	2F		ST	NT	NT		
34100	2FAC	FE6	Truck MK210,CM89,CM87		7,000	6	T	108.0 × 3.0 × 3.95		BF	ST	NT	NT	12040-Z5504	
							2	108.0 × 2.0 × 4.5		TF	ST	FC	CH	PH	12040-Z5511
							O	108.0 × 4.0 × 3.6	2F		ST	NT	NT		
34153	2FAC	FE6	Truck MK210,CM89,CM87		7,000	6	T	108.0 × 3.0 × 3.95		BF	ST	NT	NT	12040-Z5504	
							2	108.0 × 2.0 × 4.5		TF	ST	FC	CH	PH	12040-Z5511
							O	108.0 × 4.0 × 3.6	2F		ST	NT	NT		
1cyl/set															
34101	2FAC	FE6T	Truck MK250		7,000	6	T	108.0 × 3.0 × 3.95	HK	BF	ST	NT	NT	12040-Z5505	
							2	108.0 × 2.0 × 4.5		TF	ST	FC	CH	PH	12040-Z5512
							O	108.0 × 4.0 × 3.6	2F		ST	NT	NT	12040-Z5517	
34125	2FAC	FE6T	Truck MK250		7,000	6	T	108.0 × 3.0 × 3.95	HK	BF	ST	NT	NT	12040-Z5505	
							2	108.0 × 2.0 × 4.5		TF	ST	FC	CH	PH	12040-Z5512
							O	108.0 × 4.0 × 3.6	2F		ST	NT	NT	12040-Z5517	
1cyl/set															
34126	2FAC	FE6TA	MK250		6,925	6	T	108.0 × 2.5 × 3.65	HK	BF	ST	NT	NT	12040-Z5519	
							2	108.0 × 2.0 × 4.5		TF	ST	FC	CH	PH	12040-Z5560
							O	108.0 × 4.0 × 3.6	2F		ST	NT	NT	12040-Z5561	
													12040-Z5564		
													12040-Z5603		
34201	2FAC	FE6T-2				6	T	108.0 × 2.5 × 3.35	HK	BF	ST	NT	NT	12040-Z5608	
							2	108.0 × 2.0 × 3.25		TF	BT	FD	CH	PH	
							O	108.0 × 3.0 × 3.6	2F		ST	NT	NT		
1cyl/set															

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference													
									①	②	③		Outside	Upper/Lower														
34500	2FAC	ND-6	Bus CK10,PRX102		6,842	6	T	110.0 × 4.0 × 4.4	BF			FD	CH	PH	12040-90127													
							2	110.0 × 3.0 × 4.4	TF			FC	CH	PH	12040-95004													
							O	110.0 × 5.0 × 4.8	2F			FC	CH	PH	12040-95006													
34115	2FAC	NE6	Truck		7,000	6	T	110.0 × 3.0 × 4.0	HK BF			ST	CH	FE	12040-95012													
							2	110.0 × 2.5 × 3.9	TF ST			FC	CH	PH	12040-95013													
							O	110.0 × 4.0 × 4.35	2F			ST	NT	NT	12040-95014 12040-95029													
34009	2FT	UD-3	Truck,Bus DU680,DUG680 TUG680,UFG681 JVR690,JNVR690 NVR690 U680,681,690,UG680 681,UR690		3,706	3	T	110.0 × 3.0 × 4.1	TF			FD	PH	PH	12040-90008													
							2	110.0 × 3.0 × 4.1	TF			FD	PH	PH														
							3	110.0 × 3.0 × 4.1	TF			FC	PH	PH														
							4	110.0 × 3.0 × 4.1	TF			FC	PH	PH														
							O	110.0 × 4.8 × 4.8	2F			FC	PH	PH														
							O	110.0 × 4.8 × 4.8	2F			FC	PH	PH														
		UD-4	4R82,92,104 4RA82,94,104,110 R80,RX102,T80,TC80 81,TE81	4,941	4																							
																	UD-5	5R94,104,110 5RA94,104,110 5TWDC10,5TWDC10L	6,177	5								
		UD-V8	U8RA110	9,882	8																							
											UD-V12	WD38	14,825	12														
		34171	2FAC	NF				4	T	120.0 × 3.0 × 4.35	HK BF			ST		NT	NT	12040-95501										
2	120.0 × 2.5 × 4.8								TF ST			FC	CH	PH														
O	120.0 × 4.0 × 4.4								2F			ST	NT	NT														
34183	2FAC	MD92TCI	BigThumb		9,203	6	T	125.0 × 2.5 × 4.2	HK BF			ST	NT	NT	12040-Z6002													
							2	125.0 × 2.0 × 4.1	TF			ST	NT	NT	12040-Z6004													
							O	125.0 × 3.0 × 3.1	2F			ST	NT	NT														
34501	2FAC	PD-6	Truck,Bus CK20,TK20,CD40 CV40,PT81,CW40 U20,CB20,TFA21		10,308	6	T	125.0 × 5.0 × 5.2	BF			FC	CH	PH	12040-90026													
							2	125.0 × 3.5 × 5.2	TF			FC	CH	PH	12040-90029													
							O	125.0 × 5.0 × 5.4	2F			FD	CH	PH	12040-96004													
															12040-96026													
34154	2FAC	PD-6	Truck,Bus CK20,TK20,CD40 CV40,PT81,CW40 U20,CB20,TFA21		10,308	6	T	125.0 × 5.0 × 5.2	BF			FC	CH	PH	12040-90026													
							2	125.0 × 3.5 × 5.2	TF			FC	CH	PH	12040-90029													
							O	125.0 × 5.0 × 5.4	2F			FD	CH	PH	12040-96004													
															12040-96026													
12040-96127																												
12040-96226																												

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34048	2FAC	PD6T	Truck CW41		10,308	6	T	125.0 × 4.0 × 5.2	K	BF	FD	CH	PH	12040-90028	
							2	125.0 × 3.5 × 5.2		TF	FC	CH	PH	12040-96005/cyl	
							O	125.0 × 5.0 × 5.0	2F		FC	CH	PH	12040-96125 12040-96129	
34502	2FAC	PE-6	Truck, Bus CB30, RB30, CK30 CK31, CV31, CD32 V31, UA30, UA31		11,670	6	T	133.0 × 4.0 × 5.2	K	BF	FD	CH	PH	12040-90025	
							2	133.0 × 3.5 × 5.4		TF	FC	CH	PH	12040-96028	
							O	133.0 × 6.0 × 5.7	2F		FD	CH	PH	12040-96128 12040-96531	
34155	2FAC	PE-6	Truck, Bus CB30, RB30, CK30 CK31, CV31, CD32 V31, UA30, UA31		11,670	6	T	133.0 × 4.0 × 5.2	K	BF	FD	CH	PH	12040-90025	
							2	133.0 × 3.5 × 5.4		TF	FC	CH	PH	12040-96028	
							O	133.0 × 6.0 × 5.7	2F		FD	CH	PH	12040-96128 12040-96531	
1cyl/set															
34049	2FAC	PE-6T	Truck CD45		11,670	6	T	133.0 × 4.0 × 5.3	HK	BF	FD	CH	PH	12040-96225/cyl	
							2	133.0 × 3.5 × 5.5		TF ST	FC	CH	PH	12040-96228	
							O	133.0 × 6.0 × 5.9	2F		FC	CH	PH	12040-96504 12040-96509 12040-96510 12040-96512 12040-96513	
34088	2FAC	PE6T	CK20, TK20, CD40, CV40 CD45		12,000	6	T	133.0 × 3.0 × 4.95	HK	BF	ST	NT	NT	12040-96517	
							2	133.0 × 2.5 × 5.4		TF ST	FC	CH	PH		
							O	133.0 × 4.0 × 4.4	2F		ST	NT	NT		
1cyl/set															
34161	2FAC	PE-6T	Truck CD45		11,670	6	T	133.0 × 4.0 × 5.3	HK	BF	FD	CH	PH	12040-96228	
							2	133.0 × 3.5 × 5.5		TF ST	FC	CH	PH	12040-96504	
							O	133.0 × 6.0 × 5.9	2F		FC	CH	PH	12040-96509 12040-96510 12040-96512 12040-96513	
1cyl/set															
34106	2FAC	PF6	Truck Bus		12,000	6	T	133.0 × 2.5 × 4.2	HK	BF	ST	NT	NT	12040-96564	
							2	133.0 × 2.5 × 5.4		TF ST	FC	CH	PH	12040-96566	
							O	133.0 × 4.0 × 4.4	2F		ST	NT	NT	12040-96570	
34122	2FAC	PF6-2	Truck Bus		12,000	6	T	133.0 × 2.5 × 4.2	HK	BF	ST	NT	NT	12040-96564	
							2	133.0 × 2.5 × 5.4		TF ST	FC	CH	PH	12040-96566	
							O	133.0 × 4.0 × 4.4	2F		ST	NT	NT	12040-96570	
1cyl/set															
34503	2FAC	RD-8	Diesel Truck, Bus CV50, CW51, CW52 CD52, WD18, WD151 TWA52, RA50 RA51		14,313	8	T	135.0 × 4.0 × 5.1		BF	FD	CH	PH	12040-97007/cyl	
							2	135.0 × 3.0 × 5.5		TF ST	FC	CH	PH	12040-97008/cyl	
							O	135.0 × 6.0 × 5.4	2F		FC	CH	PH	12040-90325 12040-97025 12040-97026 12040-97028 12040-97126 12040-97226	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
34151	2FAC	RD-8	Diesel Truck,Bus CV50,CW51,CW52 CD52,WD18,WD151 TWA52,RA50 RA51		14,313	8	T	135.0 × 4.0 × 5.1	BF			FD	CH	PH	12040-97007/cyl
							2	135.0 × 3.0 × 5.5	TF	ST	FC	CH	PH	12040-97008/cyl	
							O	135.0 × 6.0 × 5.4	2F		FC	CH	PH	12040-90325	
														12040-97025	
														12040-97026	
														12040-97028	
														12040-97126	
														12040-97226	
1cyl/set															
34504	2FAC	RD-10	Truck,Bus CK60,CW60,CW61 WD23,WG30		17,892	10	T	135.0 × 4.0 × 5.1	BF			FD	CH	PH	12040-90229
							2	135.0 × 3.0 × 5.5	TF		FC	CH	PH	12040-97127	
							O	135.0 × 6.0 × 5.7	2F		FC	CH	PH	12040-97227	
34107	2FAC	RE8 A400 RE	Truck CW53,CD53,CW510		15,000	8	T	135.0 × 3.0 × 4.95	BF		ST	NT	NT	12040-97079	
							2	135.0 × 3.0 × 5.5	TF	ST	FC	CH	PH		
							O	135.0 × 5.0 × 5.0	2F		ST	NT	NT		
34123	2FAC	RE8-2	Truck CW53,CD53,CW510		15,000	8	T	135.0 × 3.0 × 4.95	BF		ST	NT	NT	12040-97079	
							2	135.0 × 3.0 × 5.5	TF	ST	FC	CH	PH		
							O	135.0 × 5.0 × 5.0	2F		ST	NT	NT		
1cyl/set															
34184	2FAC	GE13TD	Big Thumb		13,074	6	T	136.0 × 2.5 × 3.7	HK	BF		ST	NT	NT	12040-00Z07
							2	136.0 × 2.0 × 3.8	TF	BT	FD	CH	PH		
							O	136.0 × 3.0 × 3.65	2F		ST	NT	NT		
1cyl/set															
34174	2FAC	A790 RF8TI			16,991	8	T	138.0 × 2.5 × 4.1	HK	BF		ST	NT	NT	12040-ND000
							2	138.0 × 2.0 × 4.1	TF		ST	NT	NT		
							O	138.0 × 4.0 × 4.05	2F		ST	NT	NT		
1cyl/set															
34073	2FAC	RF8	CD520		16,991	8	T	138.0 × 2.5 × 4.95	BF		ST	NT	NT	12040-97072	
							2	138.0 × 2.5 × 5.6	TF	ST	FC	CH	PH	12040-97104	
							O	138.0 × 4.0 × 4.05	2F		ST	NT	NT		
34124	2FAC	RF8-2	CD520		16,991	8	T	138.0 × 2.5 × 4.95	BF		ST	NT	NT	12040-97072	
							2	138.0 × 2.5 × 5.6	TF	ST	FC	CH	PH	12040-97104	
							O	138.0 × 4.0 × 4.05	2F		ST	NT	NT		
1cyl/set															
34108	2FAC	RF8T RFT			16,991	8	T	138.0 × 3.0 × 4.95	HK	BF		ST	NT	NT	12040-97101
							2	138.0 × 2.5 × 5.6	TF	ST	FC	CH	PH		
							O	138.0 × 4.0 × 4.05	2F		ST	NT	NT		
34204	2FAC	RF8T-2			16,991	8	T	138.0 × 3.0 × 4.95	HK	BF		ST	NT	NT	12040-97101
							2	138.0 × 2.5 × 5.6	TF	ST	FC	CH	PH		
							O	138.0 × 4.0 × 4.05	2F		ST	NT	NT		
1cyl/set															
34175	2FAC	A790 RG			17,990	8	T	142.0 × 2.5 × 4.1	BF		ST	NT	NT	12040-ND001	
							2	142.0 × 2.0 × 4.1	TF		ST	NT	NT		
							O	142.0 × 4.0 × 4.75	2F		ST	NT	NT		
1cyl/set															
34109	2FAC	RG8	Truck CW530		17,990	8	T	142.0 × 3.0 × 4.95	BF		ST	NT	NT	12040-97103	
							2	142.0 × 2.5 × 5.8	TF	ST	FC	CH	PH		
							O	142.0 × 4.0 × 4.75	2F		ST	NT	NT		
34156	2FAC	RG8	Truck CW530		17,990	8	T	142.0 × 3.0 × 4.95	BF		ST	NT	NT	12040-97103	
							2	142.0 × 2.5 × 5.8	TF	ST	FC	CH	PH		
							O	142.0 × 4.0 × 4.75	2F		ST	NT	NT		
1cyl/set															

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	
34176	2FAC	A790 RH			21,205	8/10	T	150.0 × 2.5 × 4.1	BF			ST	NT	NT	12040-ND003
							2	150.0 × 2.0 × 4.1	TF			ST	NT	NT	
							O	150.0 × 4.0 × 4.75	2F			ST	NT	NT	
1cyl/set															
34110	2FAC	RH8,10	Tractor		21,205	8/10	T	150.0 × 3.0 × 4.95	BF			ST	NT	NT	12040-97105
							2	150.0 × 2.5 × 5.6	TF	ST		FD	CH	PH	12040-97106
							O	150.0 × 4.0 × 4.75	2F			ST	NT	NT	
1cyl/set															

MOTORTEILE.RU

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	

SUBARU

35223	3F	EN07				4	T	56.0 × 1.2 × 2.3	BF BT	ST	CH	FE	12033-KA790
							2	56.0 × 1.2 × 2.5	TF BT	FC	PH	PH	
							O	56.0 × 2.0 × 2.25	3F	ST	CH	PH	
35224	3F	EN				4	T	56.0 × 1.2 × 2.3	BF BT	ST	CH	FE	12033-KA421
							2	56.0 × 1.2 × 2.5	TF BT	FC	PH	PH	
							O	56.0 × 2.5 × 2.3	3F	ST	CH	PH	
35514	3F	EK23	Subaru Rex 550 K24,K44 Subaru Sanba 550 Truck, Van K77,K87		544	2	T	76.0 × 1.5 × 3.4	TF	FD	CH	PH	48003-5400
							2	76.0 × 1.5 × 3.4	TF	FC	PH	PH	
							O	76.0 × 2.8 × 2.95	3F	ST	CH	FE	
35520	3FAC	E42	Subaru Rex		700	2	T	78.0 × 1.2 × 3.15	BF	FD	CH	PH	48003-5600 48003-5610
							2	78.0 × 1.5 × 3.45	TF	FC	CH	PH	
							O	78.0 × 2.8 × 3.45	3F	ST	CH	PH	
35521	3F	EF10	Subaru Domingo		997	3	T	78.0 × 1.2 × 3.1	BF	ST	CH	FE	48003-5700
							2	78.0 × 1.5 × 3.4	TF	FC	PH	PH	
							O	78.0 × 2.8 × 3.4	3F	ST	CH	PH	
35516	3F	EA65	Subaru 1300 A65,AB1,AF1,AM1		1,298	4	T	83.0 × 2.0 × 3.1	BF	ST	NT	NT	48003-7000
							2	83.0 × 2.0 × 3.4	TF	FC	PH	PH	
							O	83.0 × 4.0 × 3.6	3F	ST	CH	PH	
35522	3F	EA65-2	Subaru 1300 A65,AM1		1,298	4	T	83.0 × 1.2 × 3.3	BF	ST	CH	FE	48003-7101
							2	83.0 × 1.5 × 3.6	TF	FC	PH	PH	
							O	83.0 × 4.0 × 3.45	3F	ST	CH	PH	
35509	3F	EA63	Subaru 1400 B-A22 A22,A32,A62		1,361	4	T	85.0 × 2.0 × 3.1	BF	ST	NT	NT	38003-0110
							2	85.0 × 2.0 × 3.7	TF	FC	PH	PH	
							O	85.0 × 4.0 × 3.2	3F	ST	CH	PH	
35510	3F	EA71	Subaru Leone 1600		1,595	4	T	92.0 × 2.0 × 4.1	TF	FC	CH	PH	38003-4300
							2	92.0 × 2.0 × 4.1	TF	FC	PH	PH	
		EA81	Subaru Leone 1800 AB2,AB3,AM2,3,A33,34,67 AF2,5,B-A26,27,H-A67,AW2	1,781	2	92.0 × 2.0 × 4.1	TF	FC	PH	PH	38003-4320		
O	92.0 × 4.0 × 3.65	3F	ST	CH	FE								
35517	3F	EA81-2	Subaru Leone 1600 Sedan		1,595	4	T	92.0 × 1.2 × 3.5	BF	ST	CH	FE	48003-7100
							2	92.0 × 1.5 × 3.9	TF	FC	PH	PH	
		EA71-2(NEW)	Subaru Leone 1600 Van Subaru Leone 1800 Sedan	1,781	O	92.0 × 4.0 × 4.05	3F	ST	CH	FE			

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	

SUZUKI

35574	ACX	L50			360	2	T	61.0 × 2.0 × 2.2	HK	BF	FD	CH	PH	12140-67810/cyl
							2	61.0 × 2.0 × 2.2		BF	FD	CH	PH	12140-67811/cyl
							3	61.0 × 2.0 × 2.2		BF	FD	CH	PH	
35569	AC	T5A	Fronte FXST20,20,30,AL10	539	3	T	61.0 × 1.2 × 2.6	HK	BF	ST	CH	FE	12140-67011/cyl	
		ST20	Celvo,Jimny 4WD			2	61.0 × 2.0 × 2.5	HK	BF	FC	CH	PH	12140-63871/cyl	
		T5B	Carry Truck, Van										12140-68811/cyl	
		LJ50	SH10,SJ10,LJ50,SS20,SS30											
35579	ACX	Y30			3	T	61.0 × 1.2 × 2.6	HK		ST	CH	FE	12140-72811/cyl	
						2	61.0 × 2.0 × 2.5	HK		FC	CH	PH		
35572	3F	F5A	Fronte FS,SS40		543	3	T	62.0 × 1.5 × 2.55		BF	ST	CH	FE	12140-73000/cyl
							2	62.0 × 1.5 × 2.8		TF	FC	PH	PH	12140-73010/cyl
							O	62.0 × 2.8 × 2.85	3F		ST	CH	PH	
35573	3F	F8A	Jimny8 4WD	797	4	T	62.0 × 1.5 × 2.55		BF	ST	CH	FE	12140-73000/cyl	
			Carry Truck, Van			2	62.0 × 1.5 × 2.8		TF	FC	PH	PH	12140-73010/cyl	
			SJ20,ST90,LJ80			O	62.0 × 2.8 × 2.85	3F		ST	CH	PH		
			LJ81,ST30,Fronte,Alut											
35582	3F	F6A	Celvo	660	3	T	65.0 × 1.2 × 2.3		BF	BT	ST	CH	FE	12140-51E50/cyl
			Alut Van			2	65.0 × 1.5 × 2.7		TF	SP	FC	PH	PH	
						O	65.0 × 2.5 × 2.5	3F		ST	CH	PH		
35621	3F	F6A-N		660	3	T	65.0 × 1.0 × 2.25		BF	ST	CH	FE	12140-51F10	
						2	65.0 × 1.2 × 2.6		TF	FC	PH	PH		
						O	65.0 × 2.0 × 2.5	3F		ST	NT	PH		
35620	3F	F6A-T		660	3	T	65.0 × 1.2 × 2.3		BF	BT	ST	CH	FE	12140-50E50
						2	65.0 × 1.2 × 2.6		TF	FC	PH	PH		
						O	65.0 × 2.5 × 2.55	3F		ST	CH	PH		
35619	3F	Y7AT7		660	3	T	65.0 × 1.2 × 2.3		BF	BT	ST	CH	FE	12140-73D00
						2	65.0 × 1.5 × 2.7		TF	FC	PH	PH		
						O	65.0 × 2.5 × 2.3	3F		ST	NT	PH		
35576	3F	F10A	Jimny Y80,84	970	4	T	65.5 × 1.5 × 2.6		BF	ST	CH	FE	12140-75110/cyl	
			SJ410,ST100			2	65.5 × 1.5 × 2.7		TF	FC	PH	PH	12140-75111/cyl	
						O	65.5 × 2.8 × 3.0	3F		ST	CH	PH		
35618	3F	K6A		660	3	T	68.0 × 1.0 × 2.6		BF	ST	CH	FE	12140-73601	
						2	68.0 × 1.2 × 2.7		TF	FC	PH	PH		
						O	68.0 × 2.0 × 2.45	3F		ST	CH	PH		
35622	3F	K6A		660	3	T	68.0 × 1.0 × 2.6		BF	ST	CH	FE	12140-73G01	
		K10A				2	68.0 × 1.2 × 2.7		TF	FC	PH	PH		
						O	68.0 × 2.0 × 2.45	3F		ST	CH	PH		
35630	3F	K6A	Wagon R	660	4	T	68.0 × 1.0 × 2.6		BF	BT	ST	CH	FE	
						2	68.0 × 1.2 × 2.7		TF	FC	PH	PH		
						O	68.0 × 2.0 × 2.45	3F		ST	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference		
									①	②	③		Outside	Upper/Lower			
35570	AC	L60			550	2	T	68.0 × 1.2 × 2.6	HK	BF	ST	CH	FE	12140-67820/cyl			
								68.0 × 2.0 × 2.5	HK	BF	FC	CH	PH				
35586	3F	SS80	Alto800		797	3	T	68.5 × 1.5 × 2.6	BF	ST	ST	CH	FE	12140-78411/cyl			
			Fronte800				2	68.5 × 1.5 × 2.8	TF	FC	PH	PH					
			Y64,65,ST308 Maruti800				O	68.5 × 2.8 × 3.0	3F	ST	CH	PH					
35636	3F	SS80	Alto800		797	3	T	68.5 × 1.5 × 2.6	BF	ST	ST	CH	FE	12140-78410			
			Fronte800				2	68.5 × 1.5 × 2.8	TF	FC	PH	PH					
			Y64,65,ST308 Maruti800				O	68.5 × 2.8 × 3.0	3F	ST	CH	PH					
1cyl/set																	
35626	3F	K12A	Swift			4	T	71.0 × 1.0 × 2.3	BF	BT	ST	NT	NT	12140-75F30-000			
							2	71.0 × 1.2 × 2.8	TF	SP	FC	PH	PH				
							O	71.0 × 2.0 × 2.5	3F	ST	NT	NT					
35628	3FAC	G10				4	T	72.0 × 1.2 × 2.75	BF	ST	ST	NT	NT	12140-72F00			
							2	72.0 × 1.5 × 3.1	TF	ST	FE	FE					
							O	72.0 × 2.8 × 2.8	3F	ST	NT	PH					
35639	3F	K10B	Cultus 1.0			3	T	73.0 × 1.0 × 2.3	BF	BT	ST	NT	NT	12140-79P50-000			
			Wagon R New				2	73.0 × 1.2 × 2.3	TF	SP	ST	FE	FE				
							O	73.0 × 2.0 × 2.25	3F	ST	NT	PH					
35638	3F	YL8	Ertiga 1.4			4	T	73.0 × 1.0 × 2.3	BF	BT	ST	NT	NT	12141-58M50-000			
							2	73.0 × 1.2 × 2.3	TF	SP	ST	FE	FE				
							O	73.0 × 2.0 × 2.25	3F	ST	NT	PH					
35580	3F	G10	Cultus			993	3	T	74.0 × 1.2 × 2.8	BF	BT	ST	CH	FE	12140-82050/cyl		
		G13A	1,290					4	2	74.0 × 1.5 × 3.2	TF	BT	FC	PH		PH	12140-82051/cyl
									O	74.0 × 2.8 × 2.85	3F	ST	CH	PH			
1cyl/set																	
35614	3F	G10					4	T	74.0 × 1.2 × 2.7	BF	BT	ST	NT	NT	12140-82X50		
		G13A						2	74.0 × 1.5 × 3.2	TF	BT	FC	PH	PH			
								O	74.0 × 2.8 × 2.85	3F	ST	CH	PH				
35584	3F	G10	Cultus(3cyls/set)			993	3	T	74.0 × 1.2 × 2.8	BF	BT	ST	CH	FE	12140-82050/cyl		
								2	74.0 × 1.5 × 3.2	TF	BT	FC	PH	PH			
								O	74.0 × 2.8 × 2.85	3F	ST	CH	PH				
35587	3F	G13A	Cultus(4cyls/set)Y2A, SJ413			1,290	4	T	74.0 × 1.2 × 2.8	BF	BT	ST	CH	FE	12140-82051/cyl		
								2	74.0 × 1.5 × 3.2	TF	BT	FC	PH	PH			
								O	74.0 × 2.8 × 2.85	3F	ST	CH	PH				
35598	3F	SR413	Swift(3cyls/set)				3	T	74.0 × 1.2 × 2.7	BF	BT	ST	NT	NT	12140-63E50		
								2	74.0 × 1.2 × 3.1	TF	SP	FC	PH	PH			
								O	74.0 × 2.5 × 2.8	3F	ST	CH	PH				
35616	3F	SR413	Swift(4cyls/set)				4	T	74.0 × 1.2 × 2.7	BF	BT	ST	NT	NT	12140-63E50		
								2	74.0 × 1.2 × 3.1	TF	SP	FC	PH	PH			
								O	74.0 × 2.5 × 2.8	3F	ST	CH	PH				
35592	3F	E12					4	T	75.0 × 1.2 × 2.75	BF	BT	ST	NT	NT	12140-61G50/cyl		
		G16U						2	75.0 × 1.2 × 3.2	TF	SP	FC	PH	PH			
								O	75.0 × 2.5 × 2.7	3F	ST	NT	PH				

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
35615	3F	G15A				4	T	75.0 × 1.2 × 2.75	BF	BT	ST	NT	NT	12140-61J00	
							2	75.0 × 1.2 × 3.2	TF	SP	FC	PH	PH		
							O	75.0 × 2.5 × 2.4	3F		ST	NT	PH		
35583	3F	G16A	Escudo		1,600	4	T	75.0 × 1.2 × 2.75	BF	BT	ST	NT	NT	12140-60A50/cyl	
							2	75.0 × 1.5 × 3.2	TF	SP	FC	PH	PH		
							O	75.0 × 2.8 × 2.95	3F		ST	NT	PH		
35625	3F	69G M13A	Wagon R, Jimny			4	T	78.0 × 1.2 × 2.75	BF	BT	ST	NT	NT	12140-69G02	
							2	78.0 × 1.5 × 3.1	TF	SP	FC	PH	PH		
							O	78.0 × 2.8 × 2.65	3F		ST	NT	PH		
35610	3F	FAO	Escudo		2,000	4	T	78.0 × 1.2 × 2.75	BF	BT	ST	NT	NT	12140-85FA0	
							2	78.0 × 1.5 × 3.3	TF	SP	FC	CH	PH		
							O	78.0 × 2.5 × 2.75	3F		ST	NT	PH		
35633	3F	H20A	Escudo		2,000	6	T	78.0 × 1.2 × 2.75	BF	BT	ST	NT	NT		
							2	78.0 × 1.5 × 3.3	TF	SP	FC	CH	PH		
							O	78.0 × 2.5 × 2.75	3F		ST	NT	PH		
35611	3F	LOW				4	T	78.0 × 1.2 × 2.75	BF	BT	ST	NT	NT	12140-54GA0	
							2	78.0 × 1.2 × 3.0	TF	SP	FC	PH	PH		
							O	78.0 × 2.5 × 2.3	3F		ST	NT	PH		
35634	3FAC	H25A				6	T	84.0 × 1.2 × 2.75	BF	BT	ST	NT	NT	12140-86FA0	
							2	84.0 × 1.5 × 3.5	TF	SP	FC	CH	PH		
							O	84.0 × 2.5 × 2.75	3F		ST	NT	PH		
35617	3FAC	J20A	GRAN VITARA			4	T	84.0 × 1.2 × 2.75	BF	BT	ST	NT	NT	12140-77E00	
							2	84.0 × 1.5 × 3.5	TF	SP	FC	CH	PH		
							O	84.0 × 2.5 × 2.75	3F		ST	NT	PH		
35635	3F	J20A-2	SX4/ESCUDE 06-			4	T	84.0 × 1.2 × 2.5	BF	BT	ST	NT	NT	12140-65J00	
							2	84.0 × 1.2 × 3.1	TF	SP	ST	FE	FE		
							O	84.0 × 2.5 × 2.5	3F		ST	CH	PH		
35627	3F	H27	Escudo			6	T	88.0 × 1.2 × 3.3	BF	BT	ST	NT	NT	12140-52D00	
							2	88.0 × 1.5 × 3.3	TF	SP	FC	PH	PH		
							O	88.0 × 2.8 × 2.65	3F		ST	NT	NT		
35637	3F	A6B42	KIZASHI, ESCUDE			4	T	92.0 × 1.2 × 3.1	BF	BT	ST	NT	NT	12140-78K00	
							2	92.0 × 1.0 × 3.1	TF	SP	ST	FE	FE		
							O	92.0 × 2.0 × 2.5	3F		ST	NT	PH		

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape ① ② ③	Material	Surface Treatment		Reference
											Outside	Upper/Lower	

TOYOTA

35991	3F	1SZ-FE	Vitz		1,000	4	T	69.0 × 1.2 × 2.3	BF	ST	NT	NT	13011-23040
							2	69.0 × 1.2 × 2.7	TF SP	FC	PH	PH	13011-23041
							O	69.0 × 2.0 × 2.25	3F	ST	NT	NT	13011-23051
35878	3F	1E 1E-L	Starlet FWD		1,000	4	T	70.5 × 1.5 × 2.75	BF BT	ST	NT	NT	13011-10070
							2	70.5 × 1.5 × 3.0	TF	FC	PH	PH	13011-10080
							O	70.5 × 3.0 × 2.85	3F	ST	NT	NT	13011-10081
35823	3F	2K	Publica 100 PK30,36,36V,40,45,95 Starlet 1000		993	4	T	72.0 × 2.0 × 3.4	BF	FC	CH	PH	13011-12010
							2	72.0 × 2.0 × 3.4	TF	FC	PH	PH	13011-12030
							O	72.0 × 4.0 × 3.25	3F	ST	CH	PH	13011-12031
36019	3F	2SZ-FE	Vitz, Ractis, BELTA		1,296	4	T	72.0 × 1.2 × 2.3	BF	ST	NT	NT	13011-23060
							2	72.0 × 1.2 × 2.6	TF SP	FC	PH	PH	
							O	72.0 × 2.0 × 2.25	3F	ST	NT	NT	
36032	3F	3NR	Etios Liva		1,197	4	T	72.5 × 1.0 × 2.5	BF BT	ST	CH	FE	04130-47010
							2	72.5 × 1.0 × 2.3	TF SP	ST	FE	FE	
							O	72.5 × 2.0 × 2.45	3F	ST	CH	PH	
36006	2FAC	1ND	Pro Box			4	T	73.0 × 1.5 × 2.55	BF	ST	NT	NT	13011-33041
							2	73.0 × 1.5 × 2.6	TF	FC	CH	PH	
							O	73.0 × 3.0 × 3.4	2F	ST	NT	NT	
35879	3F	2E-U 2E-C	Corolla 1300EE80 Corona 1300 Starlet 1300FWD		1,295	4	T	73.0 × 1.5 × 2.7	BF	ST	CH	FE	13011-11040
							2	73.0 × 1.5 × 3.1	TF SP	FC	PH	PH	13011-11041
							O	73.0 × 3.0 × 2.55	3F	ST	CH	PH	13011-11060 13011-11061 13011-11072
35919	3F	2E-2			1,295	4	T	73.0 × 1.5 × 2.7	BF	ST	CH	FE	13011-11064
							2	73.0 × 1.5 × 3.1	TF SP	FC	PH	PH	
							O	73.0 × 3.0 × 2.55	3F	ST	CH	PH	
35883	3F	3E	Corolla R-EE106V		1,300	4	T	73.0 × 1.5 × 2.7	BF	ST	CH	FE	13011-11080
							2	73.0 × 1.5 × 3.1	TF SP	FC	PH	PH	13011-11090
							O	73.0 × 3.0 × 2.55	3F	ST	CH	PH	
35954	3F	4E,5E	Corolla Starlet Vios		1,300	4	T	74.0 × 1.2 × 2.8	BF	ST	CH	FE	13011-11122
							2	74.0 × 1.2 × 3.1	TF SP	FC	PH	PH	13011-11140
							O	74.0 × 3.0 × 2.6	3F	ST	CH	PH	13011-11160
35884	3F	1N-T 1N	Corolla, Tercel Starlet, Corsa		1,453	4	T	74.0 × 1.5 × 2.75	HK BF BB	ST	NT	NT	13011-55010
							2	74.0 × 1.5 × 3.3	TF	FC	CH	PH	13011-55011
							O	74.0 × 3.0 × 2.8	3F	ST	CH	PH	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
35815	3F	3K K	Publica 1000,KE10		1,077	4	T	75.0 × 2.0 × 3.6	TF		FC	CH	PH	13011-22011	
			Starlet 1200		1,166		2	75.0 × 2.0 × 3.6	TF		FC	PH	PH	13011-24010	
			Sprinter 1200				O	75.0 × 4.0 × 3.2	3F		ST	CH	PH	13011-24011	
			Corolla 1200												13011-24012
			DAIHATSU												13011-24020
			Charmant 1200												13011-24030
			DAIHATSU Charmant 1300												
35863	3F	4K 4K-V(EC)	Corolla		1,290	4	T	75.0 × 1.5 × 3.1	BF		ST	CH	FE	13011-13010	
			Sprinter				2	75.0 × 1.5 × 3.4	TF		FC	PH	PH	13011-13060	
			Starlet				O	75.0 × 4.0 × 3.05	3F		ST	NT	NT		
35896	3F	4K-C	Corolla		1,290	4	T	75.0 × 2.0 × 3.1	BF		ST	NT	NT	13011-13030	
			Sprinter				2	75.0 × 2.0 × 3.6	TF		FC	PH	PH		
			Starlet				O	75.0 × 4.0 × 3.2	3F		ST	CH	PH		
35816	3F	M 2M	Crown 2000		1,988	6	T	75.0 × 2.0 × 3.6	TF		FC	CH	PH	13011-41015	
			MS41,46,50,52,56,60				2	75.0 × 2.0 × 3.6	TF		FC	PH	PH	13011-41040	
			70,Corona Mark II U2000				O	75.0 × 4.0 × 3.15	3F		ST	CH	PH		
			Celica XX 2000												
35858	3F	1G 1G-E 1G-G 1G-G2	Chaser		1,988	6	T	75.0 × 1.5 × 3.1	BF		ST	CH	FE	13011-70010	
			Cresta 2000				2	75.0 × 1.5 × 3.4	TF		FC	PH	PH		
			Mark II 200,Crown				O	75.0 × 4.0 × 3.05	3F		ST	NT	NT		
			Soarer 2000GX50,51												
			Celica												
36003	3F	1G-E	Chaser		1,988	6	T	75.0 × 1.5 × 2.9	BF		ST	NT	NT	13011-70030	
			Cresta 2000				2	75.0 × 1.5 × 3.4	TF		FC	PH	PH		
			Mark II 200,Crown				O	75.0 × 4.0 × 3.2	3F		ST	CH	PH		
			Soarer 2000GX50,51												
			Celica												
36035	3F	1G-FE	Crown		1,998	6	T	75.0 × 1.2 × 2.5	BF		ST	NT	NT	13011-70110	
			Mark II				2	75.0 × 1.2 × 2.8	TF SP		FC	PH	PH		
			Chaser				O	75.0 × 3.0 × 2.55	3F		ST	CH	PH		
			Cresta												
35981	3FAC	1GX 1G-GE	Crown		2,000	6	T	75.0 × 1.2 × 3.3	BF		ST	NT	NT	13011-70051	
			Mark II				2	75.0 × 1.5 × 3.3	TF SP		FC	CH	PH		
			Cresta				O	75.0 × 4.0 × 2.9	3F		ST	NT	PH		
36046	3F	1NZ-FE-2				4	T	75.0 × 1.0 × 2.3	BF BT		ST	NT	NT	13011-21091	
							2	75.0 × 1.2 × 2.8	TF SP		FC	PH	PH		
							O	75.0 × 2.0 × 2.5	3F		ST	NT	NT		
35973	2F	1NZ-FXE	Prius		1,496	4	T	75.0 × 1.2 × 2.5	BF		ST	NT	NT	13011-21030	
			Funcargo				2	75.0 × 1.2 × 2.8	TF SP		FC	PH	PH	13011-21070	
			Pro box				O	75.0 × 2.0 × 2.75	2F		ST	NT	NT		
35974	3F	2NZ-FE	Vitz		1,298	4	T	75.0 × 1.2 × 2.5	BF		ST	NT	NT	13011-21050	
			Funcargo				2	75.0 × 1.2 × 2.8	TF SP		FC	PH	PH	13011-21041	
							O	75.0 × 2.0 × 2.5	3F		ST	NT	NT		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
35975	3FAC	2NZ-FE-2	Vitz, Yaris Funcargo		1,298	4	T	75.0 × 1.2 × 2.5	BF		ST	NT	NT	13011-21060	
							2	75.0 × 1.2 × 2.5	TF SP		ST	NT	NT		
							O	75.0 × 3.0 × 2.5	3F		ST	NT	PH		
35857	3F	2A	Tercel 1300 Corsa 1300AL11		1,295	4	T	76.0 × 2.0 × 3.7	BF		FC	CH	CH	13011-14010	
							2	76.0 × 2.0 × 3.7	TF		FC	PH	PH	13011-14020	
							O	76.0 × 4.0 × 3.15	3F		ST	CH	PH	13011-14021	
35822	3F	3P 4P	Corona Van1350,PT47V VF Toyo-Ace PK32,32B Hi-Ace PH10,10B,10D,10P 10SV,10V		1,345	4	T	76.6 × 2.0 × 3.5	TF		FC	CH	PH	13011-23010	
							2	76.6 × 2.0 × 3.5	TF		FC	PH	PH	13011-23030	
							O	76.6 × 4.0 × 3.65	3F		ST	CH	PH		
35854	3F	1A 3A	Corolla 1500 Corona 1500 Sprinter 1500AE70 Tercel 1500 Corsa 1500AL12		1,452	4	T	77.5 × 1.5 × 3.3	BF		FD	CH	PH	13011-15010	
							2	77.5 × 1.5 × 3.4	TF		FC	PH	PH	13011-15011	
							O	77.5 × 2.8 × 2.75	3F		ST	CH	PH	13011-15020 13011-15021 13011-15031	
35811	3F	2R	Corona PT56,RT40,46V,50 Hi-Lux ARN10,10D Toyo-Ace PK41,41P,41V Stout PK43,47,47P,47V Bus PH15B		1,490	4	T	78.0 × 2.0 × 3.7	TF		FC	CH	PH	13011-31010	
							2	78.0 × 2.5 × 3.6	TF SP		FC	PH	PH	13011-31030	
							O	78.0 × 4.0 × 3.65	3F		ST	CH	PH	13011-31040	
35894	3F	5A	Corolla, Sprinter		1,498	4	T	78.7 × 1.5 × 2.8	BF		ST	CH	PH	13011-15050	
							2	78.7 × 1.5 × 3.4	TF		FC	PH	PH		
							O	78.7 × 3.0 × 2.8	3F		ST	CH	PH		
35920	3F	5A-F	Corolla		1,500	4	T	78.7 × 1.2 × 3.1	BF		ST	CH	PH	13011-15120	
							2	78.7 × 1.5 × 3.4	TF		FC	PH	PH	13011-15100	
							O	78.7 × 3.0 × 2.8	3F		ST	CH	PH		
35939	3F	8A	New Charade			4	T	78.7 × 1.2 × 2.7	BF		ST	NT	NT	13011-15130	
							2	78.7 × 1.5 × 3.0	TF		FC	PH	PH		
							O	78.7 × 3.0 × 2.65	3F		ST	NT	NT		
35950	3F	1,3,4ZZ ZZ-FE FZZ-FE	Vista Welcab,MR-S Corolla		1,794	4	T	79.0 × 1.2 × 2.7	BF		ST	NT	NT	13011-22030	
							2	79.0 × 1.2 × 3.2	TF SP		FC	PH	PH	13011-22040	
							O	79.0 × 3.0 × 2.6	3F		ST	NT	NT	13011-22100 13011-22111 13011-22200 13011-22220 13011-22221 13011-22230 13011-22090	
36021	3F	TZZ-FE				4	T	79.0 × 1.2 × 2.8	BF		ST	CH	FE	13011-22140	
							2	79.0 × 1.2 × 3.2	TF SP		FC	PH	PH		
							O	79.0 × 3.0 × 2.55	3F		ST	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
35824	3F	T	Celica 1400		1,407	4	T	80.0 × 2.0 × 3.9	BF		FC	CH	PH	13011-25010	
			Cerina 1400Deluxe				2	80.0 × 2.0 × 3.9	TF		FC	PH	PH	13011-25020	
			Corolla 1400				O	80.0 × 4.0 × 3.7	3F		ST	CH	PH	13011-25032	
			Sprinter 1400												13011-25041
			TE20,30,35,45												
35864	3F	T-J T-U	Corolla		1,407	4	T	80.0 × 1.5 × 3.8	BF		FC	CH	CH	13011-25033	
			Starlet				2	80.0 × 2.0 × 3.9	TF		FC	PH	PH	13011-25042	
			DAIHATSU Charmant				O	80.0 × 4.0 × 3.65	3F		ST	CH	PH		
35832	3F	4M	Crown 2600,MS65,75		2,563	6	T	80.0 × 2.0 × 3.9	BF		FC	CH	PH	13011-45021	
			83,85,95				2	80.0 × 2.0 × 3.9	TF		FC	PH	PH	13011-45040	
			Mark II 2600				O	80.0 × 4.0 × 3.65	3F		ST	CH	PH		
			Cressida 2600MX43												
36036	2F	1,2,3ZR				4	T	80.5 × 1.0 × 2.75	BF BT		ST	CH	FE	13011-37090	
							2	80.5 × 1.0 × 2.5	TF SP		ST	FE	FE	13011-37140	
							O	80.5 × 1.5 × 2.05	2F		ST	PV	FE	13011-37160	
35830	3F	12R	Corona1600		1,587	4	T	80.5 × 2.0 × 3.9	BF		FC	CH	PH	13011-31050	
			Corona Van				2	80.5 × 2.0 × 3.9	TF		FC	PH	PH	13011-31051	
			Hi-Lux				O	80.5 × 4.0 × 3.65	3F		ST	CH	PH	13011-31060	
			Hi-Ace											13011-31061	
			Toyo-Ace											13011-31070	
			TaftF20											13011-31081	
35907	3FACBC	12R	Corona1600		1,587	4	T	80.5 × 2.0 × 3.9	BF		FC	CH	CH	13011-31051	
			Corona Van				2	80.5 × 2.0 × 3.9	TF		FC	CH	PH	13011-31060	
			Hi-Lux				O	80.5 × 4.0 × 3.65	3F		ST	CH	FE	13011-31061	
			Hi-Ace											13011-31070	
			Toyo-Ace											13011-31081	
			TaftF20											13011-31090	
35861	3F	1S-U 1S-L 5K	Camry,Carina		1,832	4	T	80.5 × 1.5 × 3.25	BF		ST	CH	FE	13011-63010	
			Celica,Chaser				2	80.5 × 1.5 × 3.65	TF		FC	PH	PH	13011-63011	
			Corona,Corolla				O	80.5 × 4.0 × 3.15	3F		ST	NT	PH	13011-63020	
			Vista											13011-63030	
			Lite-Ace, Van Truck											13011-63031	
															13011-13040
35922	3F	7K	Lite-Ace Truck		1,781	4	T	80.5 × 1.5 × 3.25	BF		ST	CH	FE	13011-13100	
			DAIHATSU Delta Van				2	80.5 × 1.5 × 3.65	TF		FC	PH	PH	13011-13110	
							O	80.5 × 4.0 × 2.95	3F		ST	NT	PH	13011-13120	
35876	3F	4A 4A-G 4A-L 4A-C	CorollaEA82		1,587	4	T	81.0 × 1.5 × 2.75	BF		ST	NT	PH	13011-16010	
			Sprinter				2	81.0 × 1.5 × 3.4	TF		FC	PH	PH	13011-16011	
							O	81.0 × 2.8 × 2.9	3F		ST	NT	NT	13011-16031	
														13011-16032	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape ① ② ③	Material	Surface Treatment		Reference
											Outside	Upper/Lower	
35908	3F	4AF	Corolla		1,600	4	T	81.0 × 1.5 × 2.75	TF	ST	PH	PH	13011-16130
							2	81.0 × 1.5 × 3.4		FC	PH	PH	13011-16140
							O	81.0 × 3.0 × 2.85	3F	ST	NT	NT	13011-16150
35913	3F	4AFE	Corolla		1,600	4	T	81.0 × 1.2 × 2.8	BF	ST	CH	PH	13011-16280
							2	81.0 × 1.5 × 3.4	TF	FC	PH	PH	13011-16290
							O	81.0 × 3.0 × 2.85	3F	ST	NT	NT	13011-16300 13011-16340
35951	3F	4AGEU	Corolla,AT190,AE101		1,600	4	T	81.0 × 1.5 × 2.75	BF	ST	PH	PH	13011-16050
							2	81.0 × 1.5 × 3.4	TF	FC	PH	PH	13011-16090
							O	81.0 × 2.8 × 2.9	3F	ST	NT	NT	13011-16180
35910	3F	4AGE	Corolla Sprinter		1,587	4	T	81.0 × 1.2 × 2.8	BF	ST	CH	PH	13011-16200
							2	81.0 × 1.5 × 3.4	TF	FC	PH	PH	13011-16210
							O	81.0 × 2.8 × 2.9	3F	ST	NT	NT	13011-16190
35976	3F	4AG	Corolla		1,587	4	T	81.0 × 1.2 × 2.8	BF	ST	CH	PH	13011-16350
							2	81.0 × 1.5 × 3.4	TF	FC	PH	PH	
							O	81.0 × 3.0 × 2.85	3F	ST	NT	NT	
35989	3F	N4AG	Corolla		1,600	4	T	81.0 × 1.2 × 3.25	BF BT	ST	CH	FE	13011-16230
							2	81.0 × 1.5 × 3.4	TF	FC	PH	PH	
							O	81.0 × 3.0 × 2.6	3F	ST	CH	PH	
35938	3F	7A-FE	Carina,Corona Premio		1,762	4	T	81.0 × 1.5 × 2.75	BF	ST	PH	PH	13011-16320
							2	81.0 × 1.5 × 3.4	TF	FC	PH	PH	13011-16330
							O	81.0 × 3.0 × 2.85	3F	ST	NT	NT	
36040	3F	2ZZ-GE	Corolla		1,796	4	T	82.0 × 1.2 × 2.9	BF	ST	NT	NT	13011-88601
							2	82.0 × 1.2 × 3.1	TF	ST	FE	FE	
							O	82.0 × 3.0 × 2.55	3F	ST	CH	PH	
35977	2FAC	1CD				4	T	82.2 × 2.0 × 2.9	BF	ST	CH	NT	13011-27030
							2	82.2 × 1.5 × 2.7	TF	ST	NT	NT	
							O	82.2 × 3.0 × 3.55	2F	ST	NT	NT	
35996	2FAC	1CDA	Corolla		2,000	4	T	82.2 × 2.0 × 2.7	BF	ST	CH	FE	13011-27040
							2	82.2 × 1.5 × 2.7	TF	ST	FE	FE	
							O	82.2 × 3.0 × 3.55	2F	ST	NT	NT	
35917	3F	4S	Caldina Camry Vista		1,838	4	T	82.5 × 1.5 × 3.1	BF	ST	CH	FE	13011-74110
							2	82.5 × 1.5 × 3.8	TF	FC	PH	PH	13011-74120
							O	82.5 × 4.0 × 2.9	3F	ST	CH	PH	13011-74121
35859	3F	5M 5M-E(U)	Crown2800,MS112 CelicaXX2800,MA56		2,759	6	T	83.0 × 2.0 × 3.5	BF	FD	CH	PH	13011-43010
							2	83.0 × 2.0 × 3.9	TF	FC	PH	PH	13011-43030
							O	83.0 × 4.0 × 3.15	3F	ST	CH	PH	
35860	3F	5M-GEU 5M-GE (ECE)	Celica2800GT Crown2800 Soarer2800GT		2,759	6	T	83.0 × 1.5 × 3.1	BF	ST	NT	NT	13011-43050
							2	83.0 × 1.5 × 3.6	TF SP	FC	PH	PH	13011-43080
							O	83.0 × 4.0 × 3.15	3F	ST	CH	PH	
35893	3F	7M	Crown,Soarer		2,954	6	T	83.0 × 1.5 × 3.1	BF	ST	NT	NT	13011-42010
							2	83.0 × 1.5 × 3.6	TF SP	FC	PH	PH	13011-42020
							O	83.0 × 4.0 × 3.15	3F	ST	CH	PH	13011-42030 13011-42040

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
35842	3F	4V	Century		3,376	8	T	83.0 × 2.0 × 3.1	BF		ST	NT	NT	13011-52010	
							2	83.0 × 2.0 × 3.4	TF		FC	PH	PH		
							O	83.0 × 4.0 × 3.6	3F		ST	CH	PH		
35865	2FAC	1C	Carina		1,839	4	T	83.0 × 2.0 × 3.3	HK BF		ST	CH		13011-64010	
		1C-T	Corolla				2	83.0 × 2.0 × 3.8	TF		FC	CH	PH	13011-64020	
			Corona CT147				O	83.0 × 4.0 × 4.0	2F		ST	CH	FE	13011-64040	
			Sprinter											13011-64070	
			Town-Ace CR26											13011-64080	
35900	3FAC	1C-A	Corolla		1,839	4	T	83.0 × 2.0 × 3.15	HK BF		ST	NT	NT	13011-64130	
							2	83.0 × 2.0 × 3.6	TF		FC	CH	PH	13011-64220	
							O	83.0 × 3.0 × 2.8	3F		ST	NT	PH		
35923	2FAC	1C-T	Corolla		1,839	4	T	83.0 × 2.0 × 3.3	HK BF		ST	NT	NT	13011-64070	
							2	83.0 × 2.0 × 3.8	TF		FC	CH	PH		
							O	83.0 × 4.0 × 2.45	2F		ST	CH	FE		
35853	3F	21R	Corona2000,RT133		1,972	4	T	84.0 × 1.5 × 3.1	BF		ST	CH	FE	13011-37030	
		21R-U	Mark II/Cressida				2	84.0 × 2.0 × 3.7	TF		FC	PH	PH	13011-37050	
			Chaser,RX41				O	84.0 × 4.0 × 3.15	3F		ST	CH	PH	13011-37060	
			Celica,RA45												
			Camry,RA56												
35880	3F	21R-2	Cressida RX70		1,972	4	T	84.0 × 1.5 × 3.1	BF		ST	CH	FE	13011-37070	
		21R-C					2	84.0 × 1.5 × 3.6	TF		FC	PH	PH	13011-37071	
		21R-V					O	84.0 × 4.0 × 3.15	3F		ST	CH	PH		
35866	3F	2S	Camry SV11		1,995	4	T	84.0 × 1.5 × 3.1	BF		ST	CH	FE	13011-74010	
		2S-C	Vista				2	84.0 × 1.5 × 3.6	TF		FC	PH	PH	13011-74020	
							O	84.0 × 4.0 × 3.15	3F		ST	CH	PH	13011-74030	
														13011-74040	
												13011-74041			
35825	3F	2T	Corona1600,A-TT10D,11D		1,588	4	T	85.0 × 2.0 × 4.0	BF		ST	NT	NT	13011-26020	
		2T-G	Celica TA22,27,A9TA23,28				2	85.0 × 2.0 × 4.0	TF		FC	PH	PH	13011-26040	
		3T	Carina TA19V				O	85.0 × 4.0 × 3.65	3F		ST	CH	PH	13011-26041	
		12T	Corolla 1600ST											13011-27020	
			TE21,27,41,47,A-TE31,37 41,47,H-TT106V,TT106V												
35958	3F	3T	Corolla			4	T	85.0 × 1.5 × 3.3	BF		ST	NT	NT	13011-28010	
			Carina/camry/Celica					2	85.0 × 1.5 × 3.8	TF		FC	PH	PH	13011-28011
								O	85.0 × 4.0 × 3.2	3F		ST	CH	PH	13011-28012
															13011-28020
															13011-28030
															13011-28031
															13011-28070
											13011-28071				
36043	2FAC	1JZ-FSE	Mark II		2,491	6	T	86.0 × 1.2 × 2.9	BF		ST	NT	NT	13011-46070	
			CROWN					2	86.0 × 1.2 × 3.1	TF SP		FC	PH	PH	
								O	86.0 × 2.0 × 2.75	2F		ST	NT	NT	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
36009	2FAC	1,2DZ				4	T	86.0 × 2.0 × 3.15	HK	BF		ST	NT	NT	13011-78202-71
							2	86.0 × 2.0 × 3.1		TF		ST	NT	NT	
							O	86.0 × 3.0 × 3.4	2F		ST	NT	NT		
35960	2F	1TR	Hiace Van		2,000	4	T	86.0 × 1.2 × 2.7		BF		ST	NT	NT	13011-75100
			Toyo Ace			2	86.0 × 1.2 × 3.1		TF	SP	FC	PH	PH	13011-75120	
						O	86.0 × 2.0 × 2.75	2F		ST	NT	NT			
35820	3F	6R	Corona		1,707	4	T	86.0 × 2.0 × 3.9		TF		FC	CH	PH	13011-33010
		7R	RT60,61,70,71,76,77,84,94		1,591	2	86.0 × 2.5 × 3.9		TF	SP	FC	PH	PH	13011-33020	
		8R	RT88V,RX10,20,26,RX16V		1,858	O	86.0 × 4.0 × 3.65	3F		ST	CH	PH	13011-33021		
			Corona Mark II RT62H,62K,72H,72K,72S											13011-33022 13011-33030	
35902	3F	3S	Corona		1,998	4	T	86.0 × 1.5 × 3.3		BF		ST	CH	FE	13011-74070
							2	86.0 × 1.5 × 3.8		TF		FC	PH	PH	13011-74072
							O	86.0 × 4.0 × 2.9	3F		ST	CH	PH	13011-74091 13011-74280	
35885	3F	3SFE(C)	Vista,Caldina		1,998	4	T	86.0 × 1.5 × 3.35		BF		ST	NT	NT	13011-74080
			Carina,Corona			2	86.0 × 1.5 × 3.8		TF		FC	PH	PH	13011-74081	
						O	86.0 × 4.0 × 2.9	3F		ST	NT	PH			
35942	3F	3S-F	Vista,Caldina		1,998	4	T	86.0 × 1.5 × 3.35		BF		ST	NT	NT	13011-74131
			Carina,Corona			2	86.0 × 1.5 × 3.8		TF		FC	PH	PH		
			Town Ace			O	86.0 × 4.0 × 2.9	3F		ST	NT	PH			
			Lite Ace												
35984	3F	3S-FE	Vista,Camry		1,998	4	T	86.0 × 1.2 × 2.7		BF		ST	NT	NT	13011-74320
			Corona			2	86.0 × 1.2 × 3.1		TF	SP	FC	PH	PH	13011-74340	
						O	86.0 × 3.0 × 2.85	3F		ST	CH	PH	13011-74361		
35962	2FAC	3S-FSE	Nadia		2,000	4	T	86.0 × 1.2 × 2.7		BF		ST	NT	NT	13011-74400
			Town Ace			2	86.0 × 1.2 × 3.4		TF		FC	CH	PH		
			Lite Ace			O	86.0 × 2.0 × 2.75	2F		ST	NT	NT			
35995	3F	3S-G			2,000	4	T	86.0 × 1.2 × 3.05		BF		ST	CH	PH	13011-88363
							2	86.0 × 1.5 × 3.6		TF	SP	FC	PH	PH	13011-88380
							O	86.0 × 4.0 × 3.2	3F		ST	CH	PH		
35963	3F	1AZ	Rav4		2,000	4	T	86.0 × 1.2 × 2.7		BF		ST	NT	NT	13011-28120
			Corolla runx			2	86.0 × 1.2 × 3.1		TF	SP	FC	PH	PH	13011-28121	
						O	86.0 × 2.0 × 2.5	3F		ST	NT	NT	13011-28210 13011-28220		
35997	2FAC	1AZ-D4	Premio,Allion,Caldina,Wish		2,000	4	T	86.0 × 1.2 × 2.9		BF		ST	NT	NT	13011-28110
			Avensis,Isis,Noah,Voxy			2	86.0 × 1.2 × 3.1		TF		FC	CH	PH	13011-28200	
						O	86.0 × 2.0 × 2.75	2F		ST	NT	NT			
36030	3FAC	1AZ	Wish		1,998	4	T	86.0 × 1.2 × 2.9		BF		ST	NT	NT	13011-28130
							2	86.0 × 1.2 × 2.9		TF	SP	ST	CH	FE	
							O	86.0 × 3.0 × 2.7	3F		ST	NT	NT		
35904	3F	1RZ	Hi-Ace		1,998	4	T	86.0 × 1.75 × 3.35		BF		ST	NT	NT	13011-75020
							2	86.0 × 1.5 × 3.6		TF		FD	CH	PH	13011-75010
							O	86.0 × 4.0 × 3.2	3F		ST	NT	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
35869	3FAC	1Y	Hi-Lux YN50,55		1,626	4	T	86.0 × 1.5 × 3.5	BF		ST	CH	FE	13011-71010	
			Dyna YU60,70,80		1,812	2	86.0 × 1.5 × 4.0	TF	FC	CH	PH	13011-71020			
			Town Ace YR26		1,998	O	86.0 × 4.0 × 3.15	3F	ST	CH	PH	13011-71030			
			Master Ace, YR20 YM21 Hi-Ace YH51,61 YR21										13011-71031 13011-71040 (13011-71033)		
35930	3FAC	1Y(NEW)	Hi-Lux		1,626	4	T	86.0 × 1.5 × 3.35	BF		ST	NT	NT	13011-71033	
			Town Ace		1,998	2	86.0 × 1.5 × 4.0	TF	FC	CH	PH				
						O	86.0 × 4.0 × 3.2	3F	ST	NT	NT				
35946	3F	2JZ-GE 1JZ-GE	Crown, Progres,		2,997	6	T	86.0 × 1.5 × 3.35	BF		ST	NT	NT	13011-46040	
			Aristo			2	86.0 × 1.5 × 3.8	TF	FC	PH	PH	13011-46041			
			Supra			O	86.0 × 4.0 × 2.9	3F	ST	NT	PH	13011-46030 13011-46050			
35964	2FAC	2JZ-D4	Crown		2,997	6	T	86.0 × 1.2 × 2.7	BF		ST	NT	NT	13011-46060	
			Aristo			2	86.0 × 1.2 × 3.4	TF	FC	CH	PH	13011-46061			
						O	86.0 × 2.0 × 2.75	2F	ST	NT	NT				
35877	3FAC	2C-T	Town Ace CR21		1,974	4	T	86.0 × 2.0 × 3.15	HK		ST	NT	NT	13011-64150	
			DAIHATSU Delta			2	86.0 × 2.0 × 3.1		ST	NT	NT	13011-64060			
						O	86.0 × 4.0 × 3.2		ST	NT	NT	13011-64150			
35911	2FAC	2C-A	Corolla		1,974	4	T	86.0 × 1.75 × 2.95	HK BF		ST	NT	NT	13011-64170	
			Master Ace			2	86.0 × 2.0 × 3.1	TF	ST	NT	NT				
			CE100, CT141, CV30, CHR11G			O	86.0 × 3.0 × 3.4	2F	ST	NT	NT				
35924	2FAC	2C-2	Corolla		1,974	4	T	86.0 × 2.0 × 3.15	HK BF		ST	NT	NT	13011-64190	
			Master Ace			2	86.0 × 2.0 × 3.1	TF	ST	NT	NT				
						O	86.0 × 3.0 × 3.4	2F	ST	NT	NT				
35965	2FAC	2C-T-2	Carina, Estima		1,974	4	T	86.0 × 2.0 × 3.15	HK BF		ST	NT	NT	13011-64210	
						2	86.0 × 2.0 × 3.1	TF	ST	NT	NT				
						O	86.0 × 3.0 × 3.4	2F	ST	NT	NT				
35912	2FAC	2.3C-T	Carina, Estima		2,000	4	T	86.0 × 2.0 × 3.15	HK BF		ST	NT	NT	13011-64212	
			Emina			2	86.0 × 2.0 × 3.1	TF	ST	NT	NT	13011-64213			
			Tamaraw FX			O	86.0 × 3.0 × 3.4	2F	ST	NT	NT				
35966	2FAC	3C-T	Town Ace		2,200	4	T	86.0 × 2.0 × 3.51	HK BF		ST	NT	NT	13011-64230	
			Lite Ace			2	86.0 × 2.0 × 3.1	TF	ST	NT	NT				
						O	86.0 × 3.0 × 3.4	2F	ST	NT	NT				
35925	2FAC	1DZ	Estima		2,184	4	T	86.0 × 2.0 × 3.15	HK BF		ST	NT	NT	13011-78200-71	
						2	86.0 × 2.0 × 3.6	HK TF BB	FD	CH	PH				
						O	86.0 × 4.0 × 3.4	2F	ST	NT	NT				
36016	2F	2AD AD				4	T	86.0 × 2.0 × 2.9	BF		ST	NT	NT	13011-26090	
						2	86.0 × 1.5 × 2.9	TF	ST	FE	FE	13011-26100			
						O	86.0 × 2.0 × 2.75	2F	ST	NT	NT	13011-26110			
35940	2FAC	2DZ	Estima		2,184	4	T	86.0 × 2.0 × 3.15	HK BF		ST	NT	NT	13011-78201-71	
						2	86.0 × 2.0 × 3.7	TF	ST	NT	NT				
						O	86.0 × 4.0 × 4.25	2F	ST	NT	NT				

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
36034	2F	1VD-FTV				8	T	86.0 × 2.0 × 2.9	BF		ST	NT	NT	13011-51030	
							2	86.0 × 1.5 × 2.9	TF		ST	FE	FE	13011-51031	
							O	86.0 × 2.0 × 2.75	2F		ST	NT	NT	13011-51032	
36000	3F	Y-P	Crown,Crown Comfort		2,000	4	T	86.0 × 1.5 × 3.1	BF		ST	NT	NT	13011-73071	
							2	86.0 × 1.5 × 3.6	TF SP		FC	CH	PH		
							O	86.0 × 4.0 × 2.9	3F		ST	NT	PH		
35988	3FAC	5S-FE	Camry Harrier		2,163	4	T	87.0 × 1.5 × 3.5	BF		ST	CH	FE	13011-74150	
							2	87.0 × 1.5 × 3.6	TF		FC	CH	PH		
							O	87.0 × 3.0 × 2.8	3F		ST	CH	PH		
35921	3FAC	5SFE2	Scepter,Camry Harrier		2,163	4	T	87.0 × 1.5 × 3.5	BF		ST	CH	FE	13011-74290	
							2	87.0 × 1.5 × 3.6	TF		FC	CH	PH	13011-74260	
							O	87.0 × 4.0 × 2.7	3F		ST	NT	PH	13011-74261	
35943	3FAC	5SFE2-2	Scepter,Camry, Harrier		2,163	4	T	87.0 × 1.5 × 3.35	BF		ST	NT	NT	13011-74300	
							2	87.0 × 1.5 × 3.6	TF		FC	CH	PH		
							O	87.0 × 4.0 × 2.7	3F		ST	NT	PH		
35944	3F	5SFE3	Scepter,Camry, Harrier		2,163	4	T	87.0 × 1.2 × 2.9	BF		ST	CH	FE	13011-74370	
							2	87.0 × 1.2 × 3.4	TF SP		FC	PH	PH	13011-74380	
							O	87.0 × 3.0 × 2.6	3F		ST	NT	NT	13011-74410	
35935	3F	1MZ-FE	Windom,Abaron		2,994	6	T	87.5 × 1.2 × 2.9	BF		ST	NT	NT	13011-20010	
							2	87.5 × 1.2 × 3.4	TF SP		FD	PH	PH	13011-20012	
							O	87.5 × 3.0 × 2.6	3F		ST	NT	NT	13011-20020	
36027	3F	1UZ	Celsior,Lexus		3,968	8	T	87.5 × 1.2 × 2.7	BF		ST	NT	NT	13011-50110	
							2	87.5 × 1.2 × 3.3	TF		FC	PH	PH		
							O	87.5 × 3.0 × 2.6	3F		ST	NT	NT		
35947	3F	1UZ-FE	Celsior,Crown Majesta		3,968	8	T	87.5 × 1.5 × 3.15	BF		ST	NT	NT	13011-50040	
							2	87.5 × 1.5 × 3.8	TF		FC	PH	PH		
							O	87.5 × 3.0 × 2.65	3F		ST	NT	NT		
35948	3FAC	1UZ-FE-2	Celsior,Crown Majesta		3,968	8	T	87.5 × 1.5 × 3.15	BF		ST	NT	NT	13011-50060	
							2	87.5 × 1.5 × 3.6	TF SP		FC	CH	PH		
							O	87.5 × 3.0 × 2.65	3F		ST	NT	PH		
36026	3F	2MZ	Windom		2,500	6	T	87.5 × 1.2 × 2.9	BF		ST	NT	NT	13011-20050	
							2	87.5 × 1.2 × 2.7	TF SP		ST	FE	FE		
							O	87.5 × 3.0 × 2.6	3F		ST	NT	NT		
35998	2FAC	3GR-D4	Crown,Mark X,Lexus GS		3,000	6	T	87.5 × 1.2 × 2.7	BF		ST	NT	NT	13011-31110	
							2	87.5 × 1.2 × 2.7	TF SP		ST	FE	FE	13011-31170	
							O	87.5 × 2.0 × 2.75	2F		ST	NT	NT		
36020	3F	3GR-FE	Crown, IS300, GS300		2,994	6	T	87.5 × 1.2 × 2.7	BF		ST	NT	MT	13011-31180	
							2	87.5 × 1.2 × 2.7	TF SP		ST	FE	FE		
							O	87.5 × 2.0 × 2.5	3F		ST	PV			
35934	3F	3VZ-FE	Hi-lux,VCV10		2,958	6	T	87.5 × 1.5 × 3.35	BF		ST	CH	NT	13011-62060	
							2	87.5 × 1.5 × 3.8	TF		FC	PH	PH	13011-65021	
							O	87.5 × 4.0 × 2.9	3F		ST	NT	NT		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
36031	3F	3VZ-FE	Camry		2,958	6	T	87.5 × 1.5 × 3.3	BF		ST	NT	NT	13011-62040	
			Windom				2	87.5 × 1.5 × 3.8	TF		FC	PH	PH	13011-62080	
		4VZ-FE				O	87.5 × 3.0 × 2.6	3F		ST	NT	NT			
35810	3F	5R	Crown RS50,50B		1,994	4	T	88.0 × 2.0 × 4.2	BF		FC	CH	PH	13011-44011	
			Coaster				2	88.0 × 2.5 × 4.2	TF		FC	PH	PH	13011-44032	
			Dyna				O	88.0 × 4.0 × 3.65	3F		ST	CH	PH	13011-44040	
			RK171,171V-B												13011-44042
			176H,176V-HB												13011-44043
			Stout RK101,101K												13011-44060
			DAIHATSU Delta												13011-44061
			V30,31,34												13011-44062 13011-44063 13011-44073
35905	3FAC	5R	Crown RS50,50B		1,994	4	T	88.0 × 2.0 × 4.2	BF		FC	CH	PH	13011-44011	
			Coaster				2	88.0 × 2.5 × 4.2	TF		FC	CH	PH	13011-44032	
			Dyna				O	88.0 × 4.0 × 3.65	3F		ST	CH	PH	13011-44040	
			RK171,171V-B												13011-44042
			176H,176V-HB												13011-44043
			Stout RK101,101K												13011-44060
			DAIHATSU Delta												13011-44061
			V30,31,34												13011-44062 13011-44063 13011-44073
35813	3PSBC	J	Dyna Diesel		2,336	4	T	88.0 × 2.5 × 3.8	BF		FC	CH	PH	13011-46021	
			JK170DH,171DH				2	88.0 × 2.5 × 3.8	TF		FC	CH	PH		
		175,176				3	88.0 × 2.5 × 3.8	TF SP		FC	PH	PH			
		Dyna Bus JK170B,171B				O	88.0 × 4.0 × 3.8	2F		FC	PH	PH			
						O	88.0 × 4.0 × 3.8	1F		FC	PH				
35837	2F3PS	J	Dyna Diesel		2,481	4	T	88.0 × 2.5 × 3.8	HK BF BB		FD	CH	PH	13011-48013	
			Coaster Diesel				2	88.0 × 2.5 × 3.8	TF		FC	CH	PH	13011-48021	
		Fork Lift				3	88.0 × 2.5 × 3.8	TF SP		FC	PH	PH			
						O	88.0 × 4.0 × 4.0	2F		FC	CH	PH			
35838	2FAC	2J(NEW)	Dyna Diesel		2,841	4	T	88.0 × 2.54 × 3.8	HK BF		FD	CH	PH	13011-48022	
			Toyo-Ace Diesel				2	88.0 × 2.5 × 3.8	TF		FC	CH	PH	13011-48023	
			JV10JY16,30				O	88.0 × 4.0 × 4.0	2F		ST	NT	NT	13011-48030	
35827	3PSBC	H	Dyna Diesel		3,576	6	T	88.0 × 2.54 × 3.8	HK BF BB		FD	CH	PH	13011-47020	
			HV15				2	88.0 × 2.5 × 3.8	TF		FC	CH	PH		
							3	88.0 × 2.5 × 3.8	TF SP		FC	PH	PH		
							O	88.0 × 4.0 × 3.8	2F		FC	PH	PH		
							O	88.0 × 4.0 × 3.8	1F		FC	PH	PH		
35848	2F3PS	H	Dyna Diesel		3,576	6	T	88.0 × 2.54 × 3.8	HK BF BB		FD	CH	PH	13011-47021	
			HU15-H				2	88.0 × 2.5 × 3.8	TF		FC	CH	PH		
							3	88.0 × 2.5 × 3.8	TF SP		FC	PH	PH		
							O	88.0 × 4.0 × 4.0	2F		FC	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference		
									①	②	③		Outside	Upper/ Lower			
35839	2FAC	H(NEW)	Dyna Diesel HU30		3,576	6	T	88.0 × 2.54 × 3.8	HK	BF	BB	FD	CH	PH	13011-47022		
			Land Cruiser HJ45				2	88.0 × 2.5 × 3.8		TF		FC	CH	PH	13011-47023		
							O	88.0 × 4.0 × 4.0	2F		FC	CH	PH				
35831	3F	18R	Corona		1,808	4	T	88.5 × 2.0 × 4.2		BF		FC	CH	PH	13011-38010		
		16R	Corona Mark II				1,968	2	88.5 × 2.5 × 4.2		TF		FC	PH	PH	13011-38020	
		20R	Cressida				2,189	O	88.5 × 4.0 × 3.65	3F		ST	CH	PH		13011-38040	
		18R-G	Carina														13011-38060
		20R	Hi-Lux														13011-34012
		18R	Hi-Ace														13011-34013
			Celica2000GT,RA40														
	Coaster RB11,12													13011-34022			
														13011-34021			
														13011-34030			
														13011-34050			
35849	2F3PS	20R	Coaster		1,968	4	T	88.5 × 2.0 × 4.2		BF		FC	CH	PH	13011-38030		
		18R					2,189	2	88.5 × 2.5 × 4.2		TF		FC	PH	PH		
								O	88.5 × 4.0 × 4.0	2F		FC	CH	PH			
								O	88.5 × 4.0 × 4.0	1F		FC	CH	PH			
36042	2F	2AZ	RAV4		2,362	4	T	88.5 × 1.0 × 2.7		BF		ST	NT	NT	13011-28160		
			MARK X					2	88.5 × 1.0 × 2.7		TF SP		ST	FE	FE	13011-28161	
			Velfire					O	88.5 × 2.0 × 2.75	2F		ST	NT	NT		13011-28190	
																13011-0H040	
													13011-0H041				
														13011-28240			
35967	3F	2AZ-FE	Camry,Ipsam,Estima,Rav4		2,400	4	T	88.5 × 1.2 × 2.7		BF		ST	CH	FE	13011-28151		
			Harrier,Kluger,Alphard					2	88.5 × 1.2 × 3.2		TF SP		FC	PH	PH	13011-0H020	
								O	88.5 × 2.0 × 2.5	3F		ST	NT	NT		13011-28101	
														13011-28102			
35806	3F	F	Truck		3,878	6	T	90.0 × 3.0 × 3.7		BF	BT	FC	CH	PH	13011-60011		
			FA80,80D,90,90D,95,100					2	90.0 × 3.0 × 3.7		TF SP		FC	PH	PH	13011-69021	
			100D					O	90.0 × 4.0 × 3.65	3F		ST	CH	FE			
			110,110D,115,115C,FC100, 100C					O	90.0 × 4.0 × 3.7	1F		FC	PH	PH			
			Land Cruiser														
	FJ40,40V,43,43V,45V,55V, 2FQ10																
	Bus																
	FB80,100,100C																
35835	3F	F(NEW)	Truck		3,878	6	T	90.0 × 2.0 × 4.0		BF		FC	CH	PH	13011-60040		
			Bus					2	90.0 × 2.5 × 4.0		TF		FC	PH	PH		
			Land Cruiser					O	90.0 × 4.0 × 3.65	3F		ST	CH	FE			
								O	90.0 × 4.0 × 4.0	1F		FC	PH	PH			

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
35881	3FAC	22R-2 22R-E	Coaster RB20		2,400	4	T	92.0 × 1.5 × 3.3	BF		ST	CH	FE	13011-35040	
			Land Cruiser				2	92.0 × 1.5 × 4.0	TF	SP	FC	CH	PH	13011-35050	
							O	92.0 × 4.0 × 3.2	3F		ST	CH	PH	13011-35052 13011-35060 13011-35061 13011-35070	
35933	3FAC	22R-3	Coaster RB20, Land Cruiser		2,400	4	T	92.0 × 1.5 × 3.35	BF		ST	NT	NT	13011-35071	
							2	92.0 × 1.5 × 4.0	TF		FC	CH	PH		
							O	92.0 × 4.0 × 3.2	3F		ST	NT	NT		
35945	3FAC	22R-4	Coaster RB20, Land Cruiser		2,400	4	T	92.0 × 1.5 × 3.35	BF		ST	NT	NT	13011-35041	
							2	92.0 × 1.5 × 4.0	TF		FC	CH	PH		
							O	92.0 × 4.0 × 3.2	3F		ST	NT	NT		
35867	2FAC	2L	Chaser		2,446	4	T	92.0 × 2.0 × 3.35	HK	BF	ST	NT	NT	13011-54050	
			Crown				2	92.0 × 2.0 × 3.7	TF		ST	CH	FE	13011-54060	
			Corona,Mark II				O	92.0 × 4.0 × 4.25	2F		ST	NT	NT	13011-54061	
			Dyna											13011-54100	
35899	2F	2L-T	Chaser			4	T	92.0 × 2.0 × 3.35	HK	BF	ST	NT	NT	13011-54090	
			Crown				2	92.0 × 2.0 × 3.7	TF		ST	CH	FE		
			Corona,Mark II				O	92.0 × 4.0 × 4.25	2F		ST	NT	NT		
			Dyna												
35959	3F	5VZ-FE	Land Cruiser		3,378	6	T	93.5 × 1.5 × 3.55	BF		ST	NT	NT	13011-62100	
			Hi-Ace				2	93.5 × 1.5 × 4.0	TF		FC	PH	PH	13011-62110	
							O	93.5 × 4.0 × 2.9	3F		ST	NT	NT	13011-62120	
35836	3F	2F	Truck		4,230	6	T	94.0 × 2.0 × 4.2	BF		FC	CH	PH	13011-61010	
			FA100,101,115,FC22D				2	94.0 × 2.5 × 4.2			FC	PH	PH		
			FJ55				O	94.0 × 4.0 × 3.65	3F		ST	CH	PH		
			Land Cruiser FJ40,45,55,60												
36028	3F	2UZ-FE	Land Cruiser		4,663	8	T	94.0 × 1.5 × 3.2	BF		ST	NT	NT	13011-50141	
							2	94.0 × 1.5 × 4.0	TF	SP	FC	PH	PH		
							O	94.0 × 4.0 × 2.7	3F		ST	NT	NT		
35882	3FAC	3F	Land Cruiser		4,000	6	T	94.0 × 1.5 × 3.5	BF		ST	CH	FE	13011-61060	
							2	94.0 × 1.5 × 4.0	TF		FC	CH	PH	13011-61061	
							O	94.0 × 4.0 × 3.25	3F		ST	NT	PH		
35914	3FAC	3F(NEW)	Land Cruiser		4,000	6	T	94.0 × 2.0 × 3.35	BF		ST	NT	NT	13011-61062	
							2	94.0 × 2.0 × 4.0	TF		FC	CH	PH		
							O	94.0 × 4.0 × 3.5	3F		ST	NT	PH		
35968	3F	1GR-FE	Crown			6	T	94.0 × 1.2 × 3.25	BF		ST	CH	FE	13011-31100	
			Mark II				2	94.0 × 1.2 × 3.4	TF	SP	FC	PH	PH		
							O	94.0 × 2.0 × 2.7	3F		ST	NT	NT		
35898	2FAC	1HZ	Land Cruiser		4,200	6	T	94.0 × 2.0 × 3.55	HK	BF	BB	ST	NT	NT	13011-17010
							2	94.0 × 2.0 × 4.0	TF		FC	CH	PH	13011-17011	
							O	94.0 × 4.0 × 4.33	2F		ST	NT	NT	13011-17020	
														13011-17030	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
35970	2FAC	1HD-FTE	Land Cruiser		4,200	6	T	94.0 × 2.0 × 3.3	BF		ST	CH	NT	13011-17040	
							2	94.0 × 1.5 × 3.3	TF	SP	ST	NT	NT		
							O	94.0 × 4.0 × 4.33	2F		ST	NT	NT		
35949	2FAC	1PZ	Land Cruiser (90-94)		3,500	5	T	94.0 × 2.0 × 3.55	HK	BF	BB	ST	NT	NT	13011-18030
							2	94.0 × 2.0 × 4.0	TF	SP	FC	CH	PH		
							O	94.0 × 4.0 × 4.35	2F		ST	NT	NT		
36002	3F	2GR-FE	Harrier,Camry,Rav4,Avalon Lexus ES,RX		3,500	6	T	94.0 × 1.2 × 2.9	BF		ST	NT	NT	13011-31130	
							2	94.0 × 1.2 × 2.9	TF	SP	ST	FE	FE	13011-31150	
							O	94.0 × 2.0 × 2.7	3F		ST	NT	NT		
35952	3FAC	2,3RZ	Hi-Ace,Hi-Lux,Granvia		2,438	4	T	95.0 × 1.75 × 3.55	BF		ST	NT	NT	13011-75030	
							2	95.0 × 1.5 × 3.7	TF		FC	CH	PH	13011-75060	
							O	95.0 × 4.0 × 2.95	3F		ST	NT	NT		
35961	2F	2TR-FE	Hi-Lux Surf,Hi Ace Land Cruiser Prado		2,700	4	T	95.0 × 1.2 × 2.9	BF		ST	NT	NT	13011-75110	
							2	95.0 × 1.2 × 3.4	TF	SP	FC	PH	PH	13011-75130	
							O	95.0 × 2.0 × 2.75	2F		ST	NT			
35956	3F	2TZ-FE	Estima		2,438	4	T	95.0 × 1.75 × 3.65	BF		ST	CH	FE	13011-76010	
							2	95.0 × 1.5 × 3.8	TF		FC	PH	PH	13011-76050	
							O	95.0 × 4.0 × 3.15	3F		ST	NT	PH		
36004	3FAC	3RZ-FE	Hilux, Granvia		2,693	4	T	95.0 × 1.5 × 3.55	BF		ST	NT	NT	13011-75040	
							2	95.0 × 1.5 × 3.4	TF	SP	FC	CH	PH		
							O	95.0 × 4.0 × 2.9	3F		ST	NT	PH		
35834	2F3PS	B(OLD)	Dyna Diesel Coaster Diesel BB10,12,15,19		2,977	4	T	95.0 × 2.5 × 3.7	BF		ST	CH	PH	13011-56010	
							2	95.0 × 2.5 × 4.3	TF		FC	PH	PH		
							3	95.0 × 2.5 × 4.3	TF	SP	FC	PH	PH		
							O	95.0 × 4.5 × 4.5	2F		ST	CH	FE		
35847	2F3PS	B	Dyna Diesel HINO Ranger		2,977	4	T	95.0 × 2.5 × 3.55	HK	BF	ST	NT	NT	13011-56011	
							2	95.0 × 2.5 × 4.3	TF		FC	CH	PH		
							3	95.0 × 2.5 × 4.3	TF	SP	FC	PH	PH		
							O	95.0 × 4.5 × 4.5	2F		ST	CH	FE		
35840	2FAC	B(NEW) BK	Dyna Diesel BU20,30 Land Cruiser BJ40,43 Coaster Diesel DAIHATSU Delta V10,11,17 Light Bus V12 HINO Ranger HV10D,12,17D		2,977	4	T	95.0 × 2.5 × 3.55	HK	BF	ST	NT	NT	13011-56012	
							2	95.0 × 2.5 × 4.3	TF		FC	PH	PH	13011-56013	
							O	95.0 × 4.5 × 4.84	2F		ST	CH	FE	13011-56021	
														13011-56022	
35889	2FAC	11B	DAIHATSU		2,977	4	T	95.0 × 2.5 × 3.7	BF		ST	CH	PH	13011-56030	
							2	95.0 × 2.5 × 4.3	TF		FC	PH	PH		
							O	95.0 × 4.5 × 4.84	2F		ST	CH	FE		
35901	2FAC	11B,B	Dyna Toyo-Ace		2,977	4	T	95.0 × 2.5 × 3.55	HK	BF	ST	NT	NT	13011-56040	
							2	95.0 × 2.0 × 4.1	TF	SP	FC	CH	PH		
							O	95.0 × 4.0 × 4.26	2F		ST	NT	NT		

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
35971	2FAC	11B-2	Toyo-Ace Dyna		2,977	4	T	95.0 × 2.5 × 3.55	HK	BF	ST	NT	NT	13011-56050	
							2	95.0 × 2.0 × 4.1	TF	SP	FC	CH	PH		
							O	95.0 × 4.0 × 4.26	2F		ST	NT	NT		
35892	2FAC	3L	Hi-Lux, Land Cruiser		2,779	4	T	96.0 × 2.0 × 3.55	HK	BF	ST	NT	NT	13011-54120	
							2	96.0 × 2.0 × 4.1	TF		FC	CH	PH		
							O	96.0 × 4.0 × 4.36	2F		ST	NT	NT		
35987	2FAC	1KD	Hi-lux		2,982	4	T	96.0 × 2.0 × 3.35	HK	BF	ST	NT	NT	13011-30020	
							2	96.0 × 1.5 × 3.25	TF		ST	NT	NT	13011-30022	
							O	96.0 × 3.0 × 3.0	2F		ST	NT	NT	13011-30040 13011-30050	
35937	2FAC	1KZ	Hi-Ace, Land Cruiser Hi-lux Surf		2,982	4	T	96.0 × 2.0 × 3.3	HK	BF	ST	NT	NT	13011-67030	
							2	96.0 × 2.0 × 2.3	TF	SP	ST	NT	NT		
							O	96.0 × 3.0 × 3.15	2F		ST	NT	NT		
35915	2FAC	1Z	Dyna		2,977	4	T	96.0 × 2.0 × 3.55		BF	ST	NT	NT	13011-78300-71	
							2	96.0 × 2.0 × 4.4	TF		FC	CH	PH		
							O	96.0 × 4.0 × 4.0	2F		FC	CH	PH		
36048	2FAC	1Z 11Z	Fork Lift			4	T	96.0 × 2.0 × 3.55		BF	ST	NT	NT	13011-78300-71	
						6	2	96.0 × 2.0 × 4.4	TF		FC	CH	PH	13011-78330-71	
							O	96.0 × 4.0 × 4.0	2F		FC	CH	PH		
1cyl/set															
35851	2FACBC	2B	Land Cruiser BJ41,44 Coaster Diesel BB10,11		3,168	4	T	98.0 × 2.54 × 4.1	HK	BF	BB	FD	CH	CH	13011-57010
							2	98.0 × 2.5 × 4.3	TF		FC	CH	PH		
							O	98.0 × 4.5 × 4.4	2F		FC	CH	PH		
35928	2FAC	2Z				4	T	98.0 × 2.0 × 3.55		BF	ST	NT	NT	13011-78700-71	
							2	98.0 × 2.0 × 4.2	TF		FC	CH	PH		
							O	98.0 × 4.0 × 4.4	2F		ST	NT	NT		
36010	2FAC	2Z-B				4	T	98.0 × 2.0 × 3.55		BF	ST	NT	NT	13011-78701-71	
							2	98.0 × 2.0 × 3.5	TF		ST	NT	NT		
							O	98.0 × 4.0 × 4.4	2F		ST	NT	NT		
36047	2FAC	2Z-B 13Z,14Z	Fork Lift			4	T	98.0 × 2.0 × 3.55		BF	ST	NT	NT	13011-78701-71	
						6	2	98.0 × 2.0 × 3.5	TF		ST	NT	NT	13011-78760-71	
							O	98.0 × 4.0 × 4.4	2F		ST	NT	NT	13011-78761-71	
1cyl/set															
36051	2FAC	3Z				4	T	98.0 × 2.0 × 3.55	HF	BF	BB	ST	NT	NT	13011-UD020
							2	98.0 × 2.0 × 3.5	TF		ST	NT	NT	13013-78C00-71	
							O	98.0 × 4.0 × 4.4	2F		ST	NT	NT	13015-78C00-71	
35929	2FAC	5L	Hi-Ace Van, Regius Van Hi-lux		2,985	4	T	99.5 × 2.0 × 3.55	HK	BF	ST	NT	NT	13011-54130	
							2	99.5 × 1.5 × 3.3	TF	SP	ST	NT	NT		
							O	99.5 × 4.0 × 4.15	2F		ST	NT	NT		
35941	3FAC	1FZ	Land Cruiser, FZJ80G		4,476	6	T	100.0 × 1.75 × 3.75		BF	BT	ST	NT	NT	13011-66021
							2	100.0 × 2.0 × 3.8	TF	SP	FC	CH	PH		
							O	100.0 × 4.0 × 2.95	3F		ST	NT	PH		
36015	3FAC	1FZ-2	Land Cruiser 70.80 FZJ80G			6	T	100.0 × 2.0 × 3.55		BF	ST	NT	NT	13011-66020	
							2	100.0 × 2.0 × 3.8	TF	SP	FC	CH	PH		
							O	100.0 × 4.0 × 3.1	3F		ST	NT	NT		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
35855	2FAC	3B	Dyna Coaster		3,431	4	T	102.0 × 2.54 × 3.75	HK	BF	ST	NT	NT	13011-58010	
			Land Cruiser BJ60				2	102.0 × 2.5 × 4.3		TF	FC	CH	PH		
			DAIHATSU Delta				O	102.0 × 4.5 × 4.85	2F		ST	CH	FE		
			HINO Ranger HV48												
35909	2FAC	3BK	Dyna Coaster		3,431	4	T	102.0 × 2.5 × 3.75	HK	BF	ST	NT	NT	13011-58011	
			Land Cruiser BJ60				2	102.0 × 2.5 × 4.3		TF	FC	CH	PH		
			DAIHATSU Delta				O	102.0 × 4.5 × 4.85	2F		ST	CH	FE		
			HINO Ranger HV48												
35890	2FAC	13B	Dyna BU62		3,400	4	T	102.0 × 2.5 × 4.1		BF	ST	CH	PH	13011-58030	
			DAIHATSU Delta				2	102.0 × 2.5 × 4.3		TF	FC	CH	PH		
			V76,79				O	102.0 × 4.5 × 4.85	2F		ST	CH	FE		
35891	2FAC	13BT	Toyco-Ace BU85		3,431	4	T	102.0 × 2.5 × 3.75	HK	BF	ST	NT	NT	13011-58040	
			Dyna BU95				2	102.0 × 2.5 × 4.3		TF	FC	CH	PH		
							O	102.0 × 4.5 × 4.85	2F		ST	CH	FE		
35895	2FAC	14B 3B	Dyna300		3,660	4	T	102.0 × 2.5 × 3.75	HK	BF	ST	NT	NT	13011-58050	
							2	102.0 × 2.0 × 4.3		TF SP	FC	CH	PH		
							O	102.0 × 4.0 × 4.25	2F		ST	NT	PH		
35903	2F	14B-T	Dyna 300		3,660	4	T	102.0 × 3.0 × 3.75	HK	BF	ST	NT	NT	13011-58060	
							2	102.0 × 2.0 × 4.3		TF	FC	CH	PH		
							O	102.0 × 4.0 × 4.25	2F		ST	NT	NT		
35916	2FAC	14B(NEW)	Dyna 300		3,660	4	T	102.0 × 2.5 × 3.75	HK	BF	ST	NT	NT	13011-58070	
							2	102.0 × 2.0 × 4.3		TF SP	FC	CH	PH		
							O	102.0 × 4.0 × 4.35	2F		ST	NT	NT		
36029	2F	1W	Dyna		4,000	4	T	104.0 × 2.5 × 4.3		BF	FD	CH	PH	13011-78010	
							2	104.0 × 2.0 × 4.3		TF	FC	PH	PH		
							O	104.0 × 5.0 × 4.55	2F		ST	CH	FE		
35808	PS	2D(OLD)	Truck		6,494	6	T	105.0 × 3.0 × 4.2		TF	FC	CH	PH	13011-77010	
			DA90,90D,95,110,110D				2	105.0 × 3.0 × 4.2		TF	FC	PH	PH		
			115,115C,116				3	105.0 × 3.0 × 4.2		TF SP	FC	PH	PH		
			Bus				O	105.0 × 5.0 × 4.2	1F		FC	CH	PH		
			DB90,92,95,100				O	105.0 × 5.0 × 4.2	1F		FC	PH	PH		
			100C,102,102C												
105,105C,DR10,11															
15															
35846	2FBC	2D(NEW)	Truck		6,494	6	T	105.0 × 3.1 × 4.0	K	BF BB	FD	CH	CH	13011-77040	
			PA110,115,116				2	105.0 × 2.5 × 4.3		TF ST	FC	PH	PH		
			Bus				3	105.0 × 2.5 × 4.3		TF SP	FC	PH	PH		
							O	105.0 × 5.0 × 4.6	2F		FC	CH	PH		
35926	2FAC	15B-F	Mega Cruiser		4,104	4	T	108.0 × 3.0 × 4.15	HK	BF	ST	PH	PH	13011-58090	
							2	108.0 × 2.0 × 4.3		TF SP	FD	CH	PH		
							O	108.0 × 4.0 × 4.4	2F		ST	NT	NT		
35969	2FAC	15B-FTE	Mega Cruiser		4,100	4	T	108.0 × 3.0 × 4.1		BF	ST	NT	NT	13011-58110	
			Toyco-Ace				2	108.0 × 2.0 × 3.9		TF SP	ST	NT	NT		
			Dyna				O	108.0 × 4.0 × 4.4	2F		ST	NT	NT		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape ① ② ③	Material	Surface Treatment		Reference
											Outside	Upper/ Lower	

DAEWOO

41008	3F	4EA	Matiz Spark		800	3	T	68.5 × 1.2 × 2.65	BF BT	ST	CH	FE	96325192
							2	68.5 × 1.2 × 2.8	TF	FC	PH	PH	
							O	68.5 × 2.5 × 2.85	3F	ST	CH	PH	
41002	3F	F8 YSE F6B 3EA	Tico		600	3	T	68.5 × 1.2 × 2.55	BF	ST	CH	FE	12140-78B00-000
							2	68.5 × 1.5 × 2.8	TF	FC	PH	PH	
							O	68.5 × 2.8 × 2.85	3F	ST	CH	PH	
41012	3F	F8CV	Matiz		800	3	T	68.5 × 1.2 × 2.65	BF BT	ST	CH	FE	96325192
							2	68.5 × 1.2 × 2.8	TF	FC	PH	PH	
							O	68.5 × 2.5 × 2.85	3F	ST	CH	PH	
41017	3F	F8CV-2	Matiz		800	4	T	68.5 × 1.2 × 2.65	BF BT	ST	CH	FE	96325192
							2	68.5 × 1.2 × 2.8	TF	FC	PH	PH	
							O	68.5 × 2.5 × 2.85	3F	ST	CH	PH	
41001	3F	1.5L DOHC SOHC NP960	Lemans Spagon Espero Lenos		1,500	4	T	76.48 × 1.5 × 3.05	BF	ST	CH	FE	NP960
							2	76.48 × 1.5 × 3.1	TF SP	FC	PH	PH	NP1015
							O	76.48 × 3.0 × 2.85	3F	ST	CH	PH	NP1016
41010	3F	T200	KALOS GENTRA			4	T	76.5 × 1.5 × 3.1	BF	ST	CH	FE	93742961
							2	76.5 × 1.5 × 3.3	TF SP	FC	PH	PH	
							O	76.5 × 2.0 × 2.85	3F	ST	CH	PH	
41013	3F	AVEO-2	AVEO			4	T	77.9 × 1.2 × 2.9	BF	ST	CH	FE	93740229
							2	77.9 × 1.5 × 3.2	TF SP	FC	PH	PH	
							O	77.9 × 2.5 × 3.1	3F	ST	CH	PH	
41011	3F	AVEO 1.6	AVEO Lanos			4	T	79.0 × 1.2 × 3.3	BF	ST	CH	FE	93740225
							2	79.0 × 1.5 × 3.2	TF	FC	PH	PH	S1220014
							O	79.0 × 3.0 × 3.05	3F	ST	CH	PH	
41018	3F	T18SED	Excelle 1.8L		1,796	4	T	80.5 × 1.2 × 2.9	BF	ST	NT	NT	93742700
							2	80.5 × 1.2 × 3.2	TF SP	FC	PH	PH	
							O	80.5 × 2.0 × 2.9	3F	ST	CH	PH	
41009	3F	OPTRA	LACETTI			4	T	81.6 × 1.2 × 3.1	BF	ST	NT	NT	92067238
							2	81.6 × 1.5 × 3.4	TF SP	FD	PH	PH	
							O	81.6 × 3.0 × 2.9	3F	ST	CH	PH	
41015	3F	E-TEC	Nubira			4	T	81.6 × 1.5 × 3.3	BF	ST	NT	NT	92062817
							2	81.6 × 1.5 × 3.3	TF SP	FC	PH	PH	
							O	81.6 × 3.0 × 3.1	3F	ST	CH	PH	
41003	2FAC	1146	8TON Dump Truck Bus BF105			6	T	111.0 × 3.31 × 4.5	K BF	FC	CH	PH	65.02503-8146
							2	111.0 × 3.0 × 4.5	TF ST	FC	CH	PH	
							O	111.0 × 4.0 × 4.15	2F	ST	NT	NT	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference						
									①	②	③		Outside	Upper/ Lower							
41006	2FAC	2366	8.5TON DUMP TRUCK	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	K	BF	FC	CH	PH	65.02503-8236							
															2	123.0 × 3.0 × 5.0	TF	ST	FC	CH	PH
															O	123.0 × 4.0 × 4.5	2F		ST	NT	NT
41004	2FAC	2848 M	15TON DUMP TRUCK	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	K	BF	FD	CH	PH	65.02503-8251							
															2	128.0 × 3.0 × 5.2	TF		FC	CH	PH
															O	128.0 × 5.5 × 4.8	2F		FC	CH	PH
41005	2FAC	2848 NEW	15TON DUMP TRUCK	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	K	BF	FD	CH	PH	65.02503-8252							
															2	128.0 × 3.0 × 5.2	TF	SP	FC	CH	PH
															O	128.0 × 5.0 × 4.8	2F		FC	CH	PH

MOTORTEILE.RU

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape ① ② ③	Material	Surface Treatment		Reference
											Outside	Upper/Lower	

HYUNDAI

42016	3F	G4HA	Atos		798	4	T	63.0 × 1.2 × 2.25	BF	ST	CH	FE	23040-02500
							2	63.0 × 1.5 × 2.7	TF	FC	PH	PH	23040-02510
							O	63.0 × 2.8 × 2.85	3F	ST	CH	PH	23040-02511
42002	3F	80HC	Atos		1,000	4	T	66.0 × 1.2 × 2.3	BF	ST	CH	FE	23040-02700
							2	66.0 × 1.2 × 2.8	TF	FC	PH	PH	
							O	66.0 × 2.5 × 2.8	3F	ST	CH	PH	
42036	3F	SANTRO				4	T	67.0 × 1.2 × 2.3	BF	ST	NT	NT	23040-02820
							2	67.0 × 1.2 × 2.7	TF	FC	PH	PH	
							O	67.0 × 2.5 × 2.5	3F	ST	NT	NT	
42055	3F	G4LA	Atos (G4HG)		999	4	T	71.0 × 1.0 × 2.2	BF	ST	CH	FE	23040-03000
							2	71.0 × 1.2 × 2.5	TF SP	FC	PH	PH	
							O	71.0 × 2.0 × 1.95	3F	ST	CH	PH	
42018	3FAC	X11				4	T	71.0 × 1.5 × 2.7	BF	ST	NT	NT	23040-21000
							2	71.0 × 1.5 × 3.1	TF	FC	PH	PH	23040-24010
							O	71.0 × 4.0 × 2.95	3F	ST	NT	PH	
42003	3F	G4K	Accent		1,500	4	T	71.5 × 1.5 × 2.9	BF	ST	CH	FE	23040-22300
							2	71.5 × 1.5 × 3.1	TF	FC	PH	PH	
							O	71.5 × 3.0 × 2.9	3F	ST	CH	PH	
42047	2FAC	AVANTE XD	I20/I30 08-/ELANTRA 06-/ SOUL 09-		1,600	4	T	75.0 × 1.75 × 2.9	BF BT	ST	NT	NT	23040-2A900
							2	75.0 × 1.75 × 3.0	TF ST	FC	CH	PH	
							O	75.0 × 3.0 × 3.2	2F	ST	NT	NT	
42025	3F	AVANTE 1.5	95 Avante 1.5GLS 96 Accent E/G			4	T	75.5 × 1.2 × 2.7	BF	ST	NT	NT	23040-26001
							2	75.5 × 1.5 × 3.1	TF	FC	PH	PH	
							O	75.5 × 3.0 × 2.9	3F	ST	CH	PH	
42032	3F	G4EE	ACCENT ERA			4	T	75.5 × 1.2 × 2.85	BF BT	ST	CH	FE	23040-26002
							2	75.5 × 1.2 × 3.2	TF SP	FC	PH	PH	
							O	75.5 × 2.0 × 2.75	3F	ST	NT	NT	
42004	3F	G4EK	Accent,S-coupe		1,500	4	T	75.5 × 1.5 × 3.1	BF	ST	CH	FE	23040-22010
							2	75.5 × 1.5 × 3.1	TF	FC	PH	PH	
							O	75.5 × 3.0 × 2.95	3F	ST	CH	PH	
42019	3F	G4EK	Excel1.5		1,468	4	T	75.5 × 1.5 × 3.1	BF	ST	CH	FE	23040-21110
							2	75.5 × 1.5 × 3.1	TF	FC	PH	PH	23040-24200
							O	75.5 × 4.0 × 3.2	3F	ST	CH	PH	
42039	3F	G4EK				4	T	75.5 × 1.5 × 2.9	BF	ST	NT	NT	23040-22050
							2	75.5 × 1.5 × 3.1	TF	FC	PH	PH	23040-22051
							O	75.5 × 3.0 × 2.8	3F	ST	NT	NT	
42030	3F	G4ED	Accent 1.6,Matrix 1.6 Getz 1.6				T	76.5 × 1.2 × 2.85	BF BT	ST	CH	FE	23040-26101
							2	76.5 × 1.2 × 3.3	TF SP	FC	PH	PH	
							O	76.5 × 2.5 × 3.05	3F	ST	CH	PH	
42038	3F	ALPHA 1.6					T	76.5 × 1.2 × 2.85	BF BT	ST	CH	FE	23040-26160
							2	76.5 × 1.2 × 3.2	TF SP	FC	PH	PH	
							O	76.5 × 2.0 × 2.5	3F	ST	NT	NT	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
42045	3F	GAMMA	ACCENT 2011			4	T	77.0 × 1.2 × 2.65	BF	BT	ST	CH	FE	23040-2B000	
							2	77.0 × 1.2 × 3.1	TF	SP	FC	PH	PH		
							O	77.0 × 2.0 × 2.55	3F		FC	CH	PH		
42053	2FAC	G4FA				4	T	77.0 × 1.2 × 2.5	BF	BT	ST	PV	FE	23040-2B001	
							2	77.0 × 1.2 × 3.1	TF	SP	FC	PH	PH		
							O	77.0 × 2.0 × 2.6	3F		ST	PV	PH		
42008	3FAC	G4GA	Elantra		1,600	4	T	77.4 × 1.2 × 2.75	BF	BT	ST	NT	NT	23040-23150	
							2	77.4 × 1.2 × 3.3	TF		FC	CH	PH		
							O	77.4 × 2.5 × 3.15	3F		ST	NT	PH		
42006	3F	J2				4	T	77.4 × 1.2 × 2.75	BF	BT	ST	CH	PH	23040-23100	
							2	77.4 × 1.2 × 3.3	TF		FC	PH	PH		
							O	77.4 × 2.5 × 3.05	3F		ST	CH	PH		
42046	3FAC	G4DM				4	T	81.5 × 1.2 × 3.1	BF		ST	NT	NT	23040-33430	
							2	81.5 × 1.5 × 3.6	TF		FC	CH	PH		
							O	81.5 × 3.0 × 2.5	3F		ST	NT	NT		
42010	3FAC	BETA	Avante			4	T	82.0 × 1.2 × 3.1	BF	BT	ST	NT	NT	23040-23050	
							2	82.0 × 1.2 × 3.5	TF		FC	CH	PH	23040-23000	
							O	82.0 × 2.5 × 3.15	3F		ST	NT	PH	23040-23200	
42033	3F	TUCSON				4	T	82.0 × 1.2 × 2.8	BF	BT	ST	CH	FE	23040-23300	
							2	82.0 × 1.2 × 3.2	TF	SP	FC	PH	PH		
							O	82.0 × 2.0 × 2.55	3F		ST	CH	PH		
42005	3FAC	G4R	Elantra		1,600	4	T	82.3 × 1.2 × 3.1	BF		ST	NT	NT	23040-33030	
							2	82.3 × 1.5 × 3.6	TF		FC	CH	PH		
							O	82.3 × 3.0 × 2.95	3F		ST	NT	PH		
42034	2FAC	3A0	ACCENT CRDI(TURBO DIESEL)			4	T	83.0 × 1.9 × 2.9	K	BF	ST	CH	FE	23040-27900	
							2	83.0 × 2.0 × 3.6		TF	FC	CH	PH		
							O	83.0 × 3.0 × 3.75	2F		ST	NT	NT		
42049	2FAC	D4EA	SANTA FE		1,991	4	T	83.0 × 1.94 × 3.1	K	BF	FD	CH	PH	23040-27920	
							2	83.0 × 2.0 × 3.8		TF	FC	CH	PH	23040-27950	
							O	83.0 × 3.0 × 3.25	2F		ST	NT	NT		
42052	2F	R2.0L	IX35/SPGⅢ2.0TCI		2,000	4	T	84.0 × 2.438 × 3.0	K	BF	FD	CH	PH	23040-2F930	
		D4HA					2	84.0 × 2.0 × 3.4		TF	FC	PH	PH		
		O					84.0 × 3.0 × 3.3	2F		ST	NT	NT			
42013	3FAC	EF2.0	Sonata		2,350	4	T	85.0 × 1.2 × 3.1	BF	BT	ST	NT	NT	23040-38100	
							2	85.0 × 1.5 × 3.7	TF		FC	PH	PH		
							O	85.0 × 2.8 × 2.4	3F		ST	NT	NT		
42020	3FAC	Y2				4	T	85.0 × 1.5 × 3.5	BF		ST	CH	FE	23040-32800	
							2	85.0 × 1.5 × 3.8	TF		FC	PH	PH		
							O	85.0 × 4.0 × 3.2	3F		ST	CH	PH		
42040	3F	G4KC	SONATA 2.0L		1,998	4	T	86.0 × 1.2 × 3.05	BF	BT	ST	CH	FE	23040-25000	
							2	86.0 × 1.2 × 3.6	TF	SP	FC	PH	PH		
							O	86.0 × 2.0 × 2.55	3F		ST	CH	PH		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
42043	3F	G4KC LPG			1,998	4	T	86.0 × 1.2 × 3.1	BF	BT	ST	NT	NT	23040-25050	
							2	86.0 × 1.2 × 3.6	TF	SP	FC	PH	PH		
							O	86.0 × 2.0 × 2.5	3F		ST	NT	NT		
42021	3FAC	G6BA				6	T	86.7 × 1.2 × 3.05	BF	BT	ST	CH	FE	23040-37300	
							2	86.7 × 1.2 × 3.6	TF		FC	PH	PH		
							O	86.7 × 2.5 × 3.05	3F		ST	CH	PH		
42050	3F	G6BA-2	SANTA FE 06-/TUCSON 04-08			6	T	86.7 × 1.2 × 3.05	BF	BT	ST	CH	FE	23040-3E001	
							2	86.7 × 1.2 × 3.6	TF		FC	PH	PH		
							O	86.7 × 2.0 × 2.6	3F		ST	CH	PH		
42048	2FAC	D4EB				4	T	87.0 × 2.419 × 3.1	K	BF	FD	CH	PH	23040-27960	
							2	87.0 × 2.0 × 3.7	TF	ST	FD	CH	PH		
							O	87.0 × 3.0 × 3.55	2F		ST	NT	NT		
42044	3F	G4KC 2.4	SONATA 2.4L		2,359	4	T	88.0 × 1.2 × 3.1	BF	BT	ST	CH	FE	23040-25200	
							2	88.0 × 1.2 × 3.6	TF	SP	FC	PH	PH		
							O	88.0 × 2.0 × 2.55	3F		ST	CH	PH		
42037	2FAC	D4CB			2,500	4	T	91.0 × 2.42 × 3.3	HK	BF	ST	NT	NT	23040-4A900	
							2	91.0 × 2.0 × 3.9	TF		FC	CH	PH		
							O	91.0 × 3.0 × 3.04	2F		ST	NT	NT		
42001	2FAC	D4BA H100(NEW)	H100,Grace,Porter		2,500	4	T	91.1 × 2.0 × 3.35	BF		ST	NT	NT	23040-42200	
							2	91.1 × 2.0 × 3.75	TF		FC	CH	PH		
							O	91.1 × 3.0 × 3.3	2F		ST	NT	NT		
42015	2FAC	D4BF	Galopper			4	T	91.1 × 2.5 × 3.7	HK	BF	BB	FD	CH	PH	23040-42850
			Grace Turbo				2	91.1 × 2.0 × 3.7	HK	TF	BB	FD	CH	PH	
			Starex Turbo				O	91.1 × 4.0 × 4.1	2F		ST	NT	NT		
42041	2FAC	D4BH			2,400	4	T	91.1 × 2.5 × 3.7	HK	BF	BB	FD	CH	PH	23040-42510
							2	91.1 × 2.0 × 3.7	HK	TF	BB	FD	CH	PH	
							O	91.1 × 4.0 × 3.3	2F		ST	CH	FE		
42000	2FAC	H100	88 Grace			4	T	91.1 × 2.5 × 3.7	BF		FD	CH	PH	23040-42000	
			Porter				2	91.1 × 2.0 × 3.8	TF		FC	CH	PH		
			1Ton				O	91.1 × 4.0 × 4.1	2F		ST	NT	NT		
42042	2FAC	TERRACAN			2,900	4	T	97.1 × 2.42 × 3.4	HK	BF	ST	NT	NT	23040-4X920	
							2	97.1 × 2.0 × 3.9	TF	BB	FD	CH	PH		
							O	97.1 × 3.0 × 3.25	2F		ST	NT	NT		
42007	2FAC	D4AE	97 Mighty 3.5 Ton			4	T	100.0 × 3.0 × 3.7	K	BF	ST	CH	NT	23040-41400	
							2	100.0 × 2.0 × 4.0	TF	ST	FD	CH	PH		
							O	100.0 × 4.0 × 3.95	2F		ST	NT	NT		
42017	2FAC	D4AF	Mighty		3,298	4	T	100.0 × 3.0 × 4.0	HK	BF	ST	CH	FE	23040-41000	
							2	100.0 × 2.0 × 4.2	TF	ST	FC	CH	PH		
							O	100.0 × 5.0 × 4.7	2F		ST	CH	FE		
42012	2FAC	D4AF	Mighty		3,567	4	T	104.0 × 3.0 × 4.0	HK	BF	ST	CH	FE	23040-41200	
							2	104.0 × 2.0 × 4.2	TF	ST	FC	CH	PH		
							O	104.0 × 4.0 × 4.2	2F		ST	NT	NT		

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	
42029	2FAC	D6CB	HYUNDAI Bus & Truck			6	T	130.0 × 3.306 × 5.4	K	BF		FD	CH	PH	23430-84410
								130.0 × 3.0 × 5.3		TF		FC	CH	PH	
								130.0 × 4.0 × 4.35	2F		ST	NT	NT		
42028	2FAC	D6CA	HYUNDAI Bus & Truck			6	T	133.0 × 3.306 × 5.3	K	BF		FD	CH	PH	23430-84000
								133.0 × 3.0 × 5.3		TF		FC	CH	PH	
								133.0 × 4.0 × 4.4	2F		ST	NT	NT		

MOTORTEILE.RU

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
43021	3F	PICANTO 1.1L	Picanto		1,100	4	T	67.0 × 1.2 × 2.45	BF	BT	ST	CH	FE	23040-02950	
								67.0 × 1.2 × 2.8	TF	FC	PH	PH	23040-02970		
								67.0 × 2.0 × 2.75	3F	ST	NT	PH			
43002	3F	B1	Pride1100 (Unleaded)		1,100	4	T	68.0 × 1.2 × 2.75	BF		ST	CH	FE	KK1Y8-11-SCO	
								68.0 × 1.5 × 3.0	TF	SP	FC	PH	PH		
								68.0 × 3.0 × 2.85	3F	ST	CH	PH			
43008	3F	PRIDE1.3	Pride Festiva		1,300	4	T	71.0 × 1.2 × 2.55	BF		ST	CH	FE	K1YH-11-SCO	
								71.0 × 1.5 × 3.1	TF	SP	FC	PH	PH		
								71.0 × 3.0 × 2.9	3F	ST	CH	PH			
43028	3F	1YO	Picanto		998	3	T	71.0 × 1.0 × 2.3	BF		ST	CH	FE	23040-04100	
								71.0 × 1.2 × 2.5	TF	SP	FC	PH	PH		
								71.0 × 2.0 × 1.95	3F	ST	CH	PH			
43012	3F	B3	Rio		1,300	4	T	75.5 × 1.2 × 2.75	BF	BT	ST	CH	FE	0K3Y0-11-SCO	
								75.5 × 1.2 × 3.2	TF	SP	FC	PH	PH	0K3Y2-11-SCO	
								75.5 × 2.5 × 2.75	3F	ST	CH	PH			
43026	2F	D4FB				4	T	77.2 × 1.75 × 2.9	BF		ST	NT	NT		
								77.2 × 1.75 × 3.1	TF	ST	FC	CH	PH		
								77.2 × 3.0 × 3.2	2F	ST	NT	NT			
43023	3F	AVELLA				4	T	78.0 × 1.5 × 3.25	BF		ST	CH	FE	K2YA-11-SCO	
								78.0 × 1.5 × 3.3	TF	FC	PH	PH	K2Y2-11-SCO		
								78.0 × 3.0 × 3.05	3F	ST	CH	PH			
43015	3FAC	KV20	Sephia Carnival			4	T	78.0 × 1.5 × 3.25	BF		ST	CH	FE	K9Y1-11-SCO	
								78.0 × 1.5 × 3.3	TF	FC	PH	PH			
								78.0 × 4.0 × 3.4	3F	ST	CH	PH			
43025	3F	SPECTRA 1.6				4	T	78.0 × 1.2 × 2.8	BF	BT	ST	CH	FE	0K3Y3-11-SCO	
								78.0 × 1.2 × 3.2	TF	SP	FC	PH	PH		
								78.0 × 2.5 × 2.65	3F	ST	CH	PH			
43019	3FAC	2.5EGI	Carnival			6	T	80.0 × 1.2 × 3.1	BF		ST	CH	FE	0K9YV-11-SCO	
								80.0 × 1.5 × 3.3	TF	FC	PH	PH			
								80.0 × 2.5 × 3.05	3F	ST	CH	PH			
43020	3F	CARENS				4	T	81.0 × 1.5 × 3.15	BF		ST	NT	NT	0K2Y3-11-SCO	
								81.0 × 1.5 × 3.4	TF	FC	PH	PH			
								81.0 × 3.0 × 2.95	3F	ST	NT	NT			
43022	3F	CARENS-2				4	T	81.0 × 1.2 × 3.15	BF	BT	ST	NT	NT	23040-2Y050	
								81.0 × 1.2 × 3.5	TF	FC	PH	PH			
								81.0 × 2.5 × 3.15	3F	ST	NT	PH			
43027	2F	R2.2L D4HB	IX35, Santa Fe, Tucson			4	T	85.4 × 2.438 × 3.0	K	BF	FD	CH	PH		
								85.4 × 2.0 × 3.5	TF	FC	PH	PH			
								85.4 × 3.0 × 3.25	2F	ST	NT	NT			

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	
43024	2F	NB1(NEW)	New Besta			4	T	86.0 × 2.0 × 3.5	HK	BF	BB	FD	CH	PH	K7Y0-11-SCO
							2	86.0 × 2.0 × 3.6		TF	ST	FC	PH	PH	
							O	86.0 × 4.0 × 3.85	2F		ST	NT	NT		
43011	2FAC	K3600				4	T	100.0 × 2.0 × 3.55		BF		ST	NT	NT	K4Y1-11-SCO
							2	100.0 × 2.0 × 4.2		TF	ST	FC	CH	PH	
							O	100.0 × 3.0 × 3.3	2F		ST	NT	NT		

MOTORTEILE.RU

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	

OTHERS

ASIA

44001	3F	TOWNER 70	TOWNER			3	T	70.0 × 1.2 × 2.5	BF	ST	NT	NT	AA100-11-120
							2	70.0 × 1.5 × 2.9	TF SP	FC	PH	PH	
							O	70.0 × 2.8 × 2.6	3F	ST	NT	PH	

CHRYSLER

61001	3F	EER				6	T	86.0 × 1.5 × 3.25	BF	ST	CH	FE	
							2	86.0 × 1.5 × 3.7	TF	FC	PH	PH	
							O	86.0 × 3.0 × 3.05	3F	ST	CH	PH	

GM/CHEVROLET

50059	3F	SAIL				4	T	73.8 × 1.2 × 2.6	BF BT	ST	CH	FE	93736247
							2	73.8 × 1.2 × 2.8	TF SP	FD	PH	PH	
							O	73.8 × 2.0 × 2.5	3F	ST	NT	NT	
50033	2F	CORSA 1.4L				4	T	77.58 × 1.5 × 2.8	BF	ST	CH	FE	
							2	77.58 × 1.5 × 3.1	TF	FC	PH	PH	
							O	77.58 × 3.0 × 3.1	2F	ST	NT	NT	
50032	3F	CORSA 1.6L				4	T	78.98 × 1.2 × 2.7	BF	ST	NT	NT	93235611
							2	78.98 × 1.5 × 3.2	TF	FC	PH	PH	
							O	78.98 × 3.0 × 2.9	2F	ST	CH	PH	
50078	3F	E-TEC 1.8L X18XE1	Corsa 1.8 Evolution		1,796	4	T	80.5 × 1.2 × 3.1	BF	ST	CH	FE	93332835
							2	80.5 × 1.2 × 2.95	TF	FC	PH	PH	
							O	80.5 × 2.0 × 2.85	3F	ST	CH	PH	

FIAT

50082	2FAC	M 733 AT					T	69.6 × 2.0 × 2.75	BF	ST	NT	NT	
							2	69.6 × 1.5 × 2.85	TF	FC	PH	PH	
							1cyl/set	O	69.6 × 2.0 × 2.75	2F	ST	NT	
50038	2F	MAREA 82 4CYL				4	T	82.0 × 1.2 × 3.25	BF	ST	CH	FE	71713060
							2	82.0 × 1.2 × 3.3	TF	FC	PH	PH	
							O	82.0 × 2.0 × 2.75	2F	ST	NT	NT	
50067	2F	DUCATO 88				4	T	88.0 × 2.358 × 3.65	K BF	ST	CH	FE	2992540
							2	88.0 × 2.0 × 3.6	TF	FC	PH	PH	
							1cyl/set	O	88.0 × 2.5 × 3.1	2F	ST	NT	

FORD

50069	3F	FOCUS 1.6					T	79.0 × 1.2 × 2.85	BF	ST	CH	FE	
							2	79.0 × 1.5 × 3.2	TF	FC	PH	PH	
							1cyl/set	O	79.0 × 2.0 × 2.3	3F	ST	CH	
50029	2F	FORD 79.5				4	T	79.5 × 1.75 × 3.25	BF	ST	CH	FE	
							2	79.5 × 2.0 × 3.3	TF	FC	PH	PH	
							1cyl/set	O	79.5 × 3.0 × 3.55	2F	ST	NT	

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
50072	3F	MPV					T	81.6 × 1.2 × 3.1	BF	BT	ST	NT	NT		
							2	81.6 × 1.5 × 3.3	TF	SP	FC	PH	PH		
							O	81.6 × 3.0 × 2.85	3F		ST	CH	PH		
1cyl/set															
50070	3F	FOCUS 1.8					T	83.0 × 1.2 × 2.75	BF		ST	CH	FE		
							2	83.0 × 1.5 × 3.3	TF	SP	FC	PH	PH		
							O	83.0 × 2.5 × 2.65	3F		ST	CH	PH		
1cyl/set															
50068	2F	DURATORQ 2.2L BT-50	RANGER, BT-50		2,200	4	T	86.0 × 2.0 × 3.6	BF		FD	CH	PH		
							2	86.0 × 2.0 × 3.6	TF	SP	FD	PH	PH		
							O	86.0 × 2.0 × 2.85	2F		ST	NT	NT		
1cyl/set															
50049	2F	TRANSIT					T	89.9 × 2.0 × 3.3	BF		ST	NT	NT		
							2	89.9 × 2.0 × 3.7	TF	SP	FC	PH	PH		
							O	89.9 × 2.0 × 2.75	2F		ST	NT	NT		
1cyl/set															
50047	2F	TRANSIT					T	93.67 × 2.43 × 3.55	K	BF	ST	CH	FE		
							2	93.67 × 2.0 × 3.8	TF	BT	FC	PH	PH		
							O	93.67 × 4.0 × 4.15	2F		ST	NT	NT		
1cyl/set															
50053	2F	PUMA					T	89.91 × 2.4 × 3.75	HK	BF	FD	CH	PH	06-113500-00	
							2	89.91 × 2.0 × 3.7	TF	BT	FC	PH	PH		
							O	89.91 × 3.0 × 3.15	2F		ST	NT	NT		
1cyl/set															

GAZ

50091	2F	421	TRUCK			4	T	100.0 × 2.0 × 4.1	BF		FD	CH	PH	421.1000100
							2	100.0 × 2.0 × 4.2	TF	SP	FC	PH	PH	
							O	100.0 × 5.0 × 4.3	2F		FD	CH	PH	
50090	2F	406	TRUCK			4	T	92.0 × 2.0 × 3.8	BF		FD	CH	PH	406.1000100
							2	92.0 × 2.0 × 4.2	TF	ST	FC	PH	PH	
							O	92.0 × 5.0 × 4.1	2F		FC	CH	PH	

LADA

50008	3F	LADA 76				4	T	76.0 × 1.5 × 2.9	BF		ST	NT	NT	
							2	76.0 × 2.0 × 3.2	TF	SP	FC	PH	PH	
							O	76.0 × 4.0 × 3.45	3F		ST	CH	PH	
50009	3F	LADA 79				4	T	79.0 × 1.5 × 3.1	BF		ST	NT	NT	
							2	79.0 × 2.0 × 3.2	TF	SP	FC	PH	PH	
							O	79.0 × 4.0 × 3.45	3F		ST	CH	PH	
50020	3F	LADA 82				4	T	82.0 × 1.5 × 3.1	BF		ST	NT	NT	
							2	82.0 × 2.0 × 3.2	TF	SP	FC	PH	PH	
							O	82.0 × 4.0 × 2.95	3F		ST	CH	PH	

MERCEDES

50037	3F	SMART				3	T	63.5 × 1.2 × 2.5	BF		ST	CH	FE	80 00372 1 0 000
							2	63.5 × 1.5 × 2.6	TF		FC	PH	PH	
							O	63.5 × 2.5 × 2.55	3F		ST	CH	PH	
50052	3F	SMART				3	T	66.5 × 1.2 × 2.5	BF		ST	NT	NT	
							2	66.5 × 1.2 × 2.5	TF		ST	FE	FE	
							O	66.5 × 2.5 × 2.2	3F		ST	NT	NT	

OTHERS

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
50048	2F	SPRINTER					T	88.0 × 2.5 × 3.35	BF		ST	NT	NT		
							2	88.0 × 2.0 × 3.6	TF BT		FC	PH	PH		
							O	88.0 × 3.0 × 3.3	2F		ST	NT	NT		
1cyl/set															
50092	2F	OM501LA	Actros			6	T	130.0 × 2.87 × 4.7	K BF BT		ST	NT	NT	005 26 NO	
							2	130.0 × 3.0 × 5.4	TF SB		FC	CH	PH		
							O	130.0 × 4.0 × 2.8	2F		ST	NT	NT		
1cyl/set															

MINI

50060	3F	COOPER 77					T	77.0 × 1.2 × 2.9	BF		ST	NT	NT	
							2	77.0 × 1.2 × 3.3	TF SP		FC	PH	PH	
							O	77.0 × 2.5 × 2.75	3F		ST	CH	PH	
1cyl/set														

OPEL

50083	2FAC	A 13 DTC					T	69.6 × 1.5 × 2.8	BF		FD	CH	PH	
							2	69.6 × 1.5 × 2.65	TF		FD	PH	PH	
							O	69.6 × 2.0 × 2.7	2F		ST	NT	NT	
1cyl/set														
50013	3F	OPEL 1.3L Thin				4	T	75.0 × 1.5 × 2.9	BF		ST	NT	NT	
							2	75.0 × 1.5 × 3.1	TF		FC	PH	PH	
							O	75.0 × 4.0 × 3.25	3F		ST	CH	PH	
50016	3F	OPEL 1.3L Thick				4	T	75.0 × 1.75 × 3.25	BF		ST	CH	FE	
							2	75.0 × 2.0 × 3.1	TF SP		FC	PH	PH	
							O	75.0 × 4.0 × 3.25	3F		ST	CH	PH	
50012	3F	OPEL 1.4L				4	T	77.6 × 1.5 × 2.9	BF		ST	NT	NT	
							2	77.6 × 1.5 × 3.1	TF		FC	PH	PH	
							O	77.6 × 3.0 × 2.9	3F		ST	CH	PH	
50080	3F	Z 1.6XEP	Meriva				T	79.0 × 1.2 × 3.0	BF		ST	CH	FE	
							2	79.0 × 1.2 × 3.1	TF SP		FC	PH	PH	
							O	79.0 × 2.0 × 2.45	3F		ST	CH	PH	
1cyl/set														
50087	3F	Z16XE	ASTRA 1.6 VECTRA 1.6			1598 4	T	78.98 × 1.2 × 3.1	BF		ST	NT	NT	08-125600-00(GOETZE)
							2	78.98 × 1.5 × 3.2	TF		FC	PH	PH	
							O	78.98 × 2.5 × 2.9	3F		ST	CH	PH	
50011	3F	OPEL 1.6L				4	T	79.0 × 1.2 × 2.7	BF		ST	NT	NT	
							2	79.0 × 1.5 × 3.2	TF		FC	PH	PH	
							O	79.0 × 3.0 × 2.9	3F		ST	CH	PH	
50034	3F	16V	ASTRA			4	T	79.0 × 1.2 × 3.0	BF		ST	CH	FE	
							2	79.0 × 1.5 × 3.2	TF		FC	PH	PH	
							O	79.0 × 2.5 × 2.5	3F		ST	CH	PH	
50010	3F	OPEL 1.8L				4	T	84.8 × 1.5 × 3.3	BF		ST	NT	NT	
							2	84.8 × 1.5 × 3.6	TF		FC	PH	PH	
							O	84.8 × 3.0 × 2.85	3F		ST	CH	PH	

PEUGEOT

50054	2F	XUD7				4	T	80.0 × 2.0 × 3.3	BF		FC	CH	PH	
							2	80.0 × 2.0 × 3.3	TF		FC	PH	PH	
							O	80.0 × 3.0 × 3.6	2F		ST	NT	NT	

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	
50014	3F	PEUGEOT XU7(405)				4	T	83.0 × 1.5 × 3.1	BF		ST	NT	NT		
							2	83.0 × 1.5 × 3.5	TF SP		FC	PH	PH		
							O	83.0 × 3.0 × 3.05	3F		ST	CH	PH		
50056	2F	XUD9				4	T	83.0 × 2.0 × 3.5	BF		FD	CH	PH		
							2	83.0 × 2.0 × 3.4	TF		FC	PH	PH		
							O	83.0 × 3.0 × 3.6	2F		ST	NT	NT		
50023	3F	PEUGEOT XN1(504)				4	T	88.0 × 1.5 × 3.3	BF		FD	CH	PH		
							2	88.0 × 2.0 × 3.8	TF		FC	PH	PH		
							O	88.0 × 4.0 × 3.4	2F		ST	CH	PH		

PROTON

44005	3F	Campro	Gen2			1,300	4	T	76.0 × 1.2 × 2.85	BF		ST	CH	PH	
							1,600	2	76.0 × 1.2 × 3.1	TF		FC	PH	PH	
								O	76.0 × 2.5 × 2.75	3F		ST	CH	PH	
44008	3F	CAMPRO-2	Gen2			1,300	4	T	76.0 × 1.2 × 2.85	BF		ST	CH	PH	
								2	76.0 × 1.2 × 3.1	TF		FC	PH	PH	
								O	76.0 × 2.0 × 2.5	3F		ST	CH	PH	

RENAULT

50027	3F	D4D	Clio 1.0L 16V			1,000	4	T	69.0 × 1.2 × 2.4	BF		ST	NT	NT	
								2	69.0 × 1.5 × 2.8	TF		FC	PH	PH	
								O	69.0 × 2.5 × 2.55	3F		ST	CH	PH	
50028	3F	D7D	Clio 1.0L 8V			1,000	4	T	69.0 × 1.5 × 2.7	BF BT		ST	CH	FE	
								2	69.0 × 1.5 × 2.8	TF		FC	PH	PH	
								O	69.0 × 2.5 × 2.55	3F		ST	CH	PH	
50081	2FAC	K9K						T	76.0 × 2.0 × 2.75	BF		ST	CH	FE	9-3845-00
								2	76.0 × 2.0 × 3.2	TF SP		FC	PH	PH	
							1cyl/set	O	76.0 × 2.5 × 2.8	2F		ST	NT	NT	
50064	3F	K7M	Logan,Kangoo,Megane,Modus			1,300	4	T	79.5 × 1.5 × 3.3	BF BT		FD	CH	PH	
								2	79.5 × 1.5 × 3.3	TF SP		FC	PH	PH	
								O	79.5 × 2.5 × 2.9	3F		ST	CH	PH	
50065	3F	RENAULT 79.5				1,300	4	T	79.5 × 1.5 × 3.1	BF		ST	CH	FE	7701474857
								2	79.5 × 1.5 × 3.3	TF SP		FC	PH	PH	
								O	79.5 × 2.5 × 2.9	3F		ST	CH	PH	

SSANGYONG

50079	2F	D20DT				1,300	4	T	86.2 × 2.444 × 3.3	K BF		FD	CH	PH	6650300524
								2	86.2 × 2.0 × 3.35	TF BT		FC	CH	PH	
								O	86.2 × 3.0 × 3.35	2F		ST	NT	NT	
50050	2F	MUSSO	602 SOHC/DOHC NEW KORANDO ISTANA			1,300	5	T	89.0 × 2.5 × 3.55	BF		ST	CH	FE	
								2	89.0 × 2.0 × 3.7	TF		FC	PH	PH	
								O	89.0 × 3.0 × 3.55	2F		ST	NT	NT	

OTHERS

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	

VW

50093	3F	POLO BTS				4	T	76.5 × 1.2 × 2.9	BF	ST	NT	NT	03C198151E	
							2	76.5 × 1.2 × 2.9	TF	FC	PH	PH		
							O	76.5 × 2.0 × 2.5	3F	ST	CH	PH		
50055	2F	VW DIESEL				4	T	76.5 × 1.75 × 3.2	BF BT	FD	CH	PH		
							2	76.5 × 2.0 × 3.1	TF BB	FC	PH	PH		
							O	76.5 × 3.0 × 3.45	2F	ST	NT	NT		
50074	3F	VW 1.4					T	76.5 × 1.2 × 2.9	BF	ST	NT	NT		
							2	76.5 × 1.5 × 3.2	TF SP	FC	PH	PH		
							O	76.5 × 2.5 × 2.75	3F	ST	CH	PH		
1cyl/set														
50003	3F	PASSAT 79.5				4	T	79.5 × 1.75 × 3.25	BF	ST	CH	FE		
							2	79.5 × 2.0 × 3.3	TF	FC	PH	PH		
							O	79.5 × 4.0 × 3.25	3F	ST	CH	PH		
50061	2F	VW 79.5	(ENG) AMF,ATL,BAY 1X,1Y,1Z,AAZ,ABL,AEY AEF,AGD,AGP			1,422 1,896	3	T	79.5 × 1.75 × 2.8	BF	FD	CH	PH	
							4	2	79.5 × 2.0 × 3.3	TF	FC	PH	PH	
								O	79.5 × 3.0 × 3.55	2F	ST	NT	NT	
1cyl/set														
50017	2F	VW AUDI 81				4	T	81.0 × 1.50 × 3.25	BF	ST	CH	FE		
							2	81.0 × 1.75 × 3.3	TF SP	FC	PH	PH		
							O	81.0 × 2.0 × 2.65	2F	ST	NT	NT		
50073	3F	AUDI 81				1	T	81.0 × 1.2 × 2.9	BF	ST	NT	NT		
							2	81.0 × 1.5 × 3.3	TF SP	FC	PH	PH		
							O	81.0 × 2.0 × 2.75	3F	ST	NT	NT		
1cyl/set														
50075	3F	VW BORA				1	T	81.0 × 1.0 × 2.7	BF	ST	NT	NT	895085000	
							2	81.0 × 1.2 × 3.3	TF SP	FC	PH	PH		
							O	81.0 × 2.0 × 2.75	3F	ST	NT	NT		
1cyl/set														
50018	2F	VW 2.8L				6	T	82.5 × 1.2 × 3.05	BF	ST	CH	FE		
							2	82.5 × 1.5 × 3.3	TF	FC	PH	PH		
							O	82.5 × 2.0 × 2.75	2F	ST	NT	NT		
50025	2F	VW 2.8L-1	FOR 4CYL/ENG FOR 6CYL/ENG			4 6	T	82.5 × 1.2 × 3.05	BF	ST	CH	FE		
							2	82.5 × 1.5 × 3.3	TF	FC	PH	PH		
							O	82.5 × 2.0 × 2.75	2F	ST	NT	NT		
1cyl/set														

DOOSAN

44007	2F	DB58 102	DB58			6	T	102.0 × 3.0 × 4.3	K BF	FC	CH	PH	65.02503-8058
							2	102.0 × 2.5 × 4.4	TF	FC	PH	PH	
							O	102.0 × 4.0 × 4.1	2F	ST	NT	NT	
44009	2FAC	2848				8	T	128.0 × 3.306 × 5.1	K BF	FD	CH	PH	65.02503-8255
							2	128.0 × 3.0 × 5.2	TF SP	FC	CH	PH	
							O	128.0 × 4.0 × 4.75	2F	ST	NT	NT	

--	--	--	--	--	--	--	--	--	--	--	--	--	--

TP No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	

SKODA

50066	2F	SKODA 81	SKODA Octavia		4		T	81.0 × 1.0 × 2.7	BF	ST	NT	NT	06B198151A
			AVU,BFQ,AQY,APK,AEG,AZH,AZJ	2			81.0 × 1.2 × 3.3	TF SP	FC	PH PH			
			VW Caddy, Passat,Golf, Polo Audi, Quattro, BSF	O			81.0 × 2.0 × 2.0	3F	ST	NT NT			

AUDI

50084	3F	CYPA					T	82.5 × 1.2 × 3.0	BF BT	ST	NT	NT	8950580000
				2			82.5 × 1.2 × 3.15	TF SP	FC	PH PH			
			1cyl/set	O			82.5 × 2.0 × 2.25	3F	ST	CH PH			

MOTORTEILE.RU

TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/Lower	

COMPRESSOR

80001	3F	A/C 70				1	T	70.0 × 3.0 × 3.0	TF	FC	PH	PH	
							2	70.0 × 3.0 × 3.0	TF	FC	PH	PH	
							O	70.0 × 4.0 × 2.9	3F	ST	CH	PH	
80013	2F	6BG1				1	T	70.0 × 1.5 × 3.0	BF BT	FC	CH	PH	1-19163-027-0
							2	70.0 × 1.5 × 3.0	TF SP	FC	CH	PH	
							O	70.0 × 3.0 × 2.0		ST	NT	NT	
							O	70.0 × 3.0 × 2.0	2F	ST	NT	NT	
80002	T	EH100 A/C				1	T	70.0 × 2.5 × 3.0	TF	FC	PH	PH	
							2	70.0 × 2.5 × 3.0	TF	FC	PH	PH	
							3	70.0 × 2.5 × 3.0	TF	FC	PH	PH	
							O	70.0 × 4.0 × 3.0	1F	FC	PH	PH	
80007	T	H07C A/C				1	T	70.0 × 2.5 × 3.0	TF	FC	PH	PH	
							2	70.0 × 2.5 × 3.0	TF SP	FC	PH	PH	
							3	70.0 × 2.5 × 3.0		FC	PH	PH	
							O	70.0 × 4.0 × 3.0	1F	FC	PH	PH	
80015	3F	D6CA A/C				1	T	75.0 × 2.0 × 3.3	BF	FC	PH	PH	
							2	75.0 × 2.0 × 3.1	TF SP	FC	PH	PH	
							O	75.0 × 4.0 × 3.2	3F	ST	CH	PH	
80003	3F	6D16-4 A/C				1	T	80.0 × 3.0 × 3.3	TF	FC	PH	PH	
							2	80.0 × 3.0 × 3.3	TF	FC	PH	PH	
							3	80.0 × 3.0 × 3.3	TF	FC	PH	PH	
							O	80.0 × 4.0 × 3.45	3F	ST	NT	NT	
80010	3F	80A/C				1	T	80.0 × 2.5 × 3.3	BF BT	FC	PH	PH	
							2	80.0 × 2.5 × 3.4	TF SP	FC	PH	PH	
							O	80.0 × 4.0 × 3.15	3F	ST	CH	PH	
80004	T	RD8				1	T	80.0 × 3.0 × 3.3	TF	FC	PH	PH	
							2	80.0 × 3.0 × 3.3	TF	FC	PH	PH	
							3	80.0 × 3.0 × 3.3	TF	FC	PH	PH	
							O	80.0 × 4.0 × 3.2	1F	FC	PH	PH	
80012	3F	CK12/SANWA				1	T	85.0 × 3.0 × 3.5	TF	FC	PH	PH	
							2	85.0 × 3.0 × 3.5	TF SP	FC	PH	PH	
							3	85.0 × 3.0 × 3.5	TF SP	FC	PH	PH	
							O	85.0 × 4.0 × 3.2	3F	ST	CH	PH	
80016	2F	D6CB A/C				1	T	85.0 × 2.0 × 3.7	TF SP	FC	PH	PH	
							2	85.0 × 2.0 × 3.7	TF SP	FC	PH	PH	
							O	85.0 × 4.0 × 4.3	2F	ST	NT	NT	
80005	3F	8DC9-4 A/C				1	T	85.0 × 3.0 × 3.5	TF	FC	PH	PH	
							2	85.0 × 3.0 × 3.5	TF SP	FC	PH	PH	
							3	85.0 × 3.0 × 3.5	TF SP	FC	PH	PH	
							O	85.0 × 4.0 × 3.45	3F	ST	CH	PH	

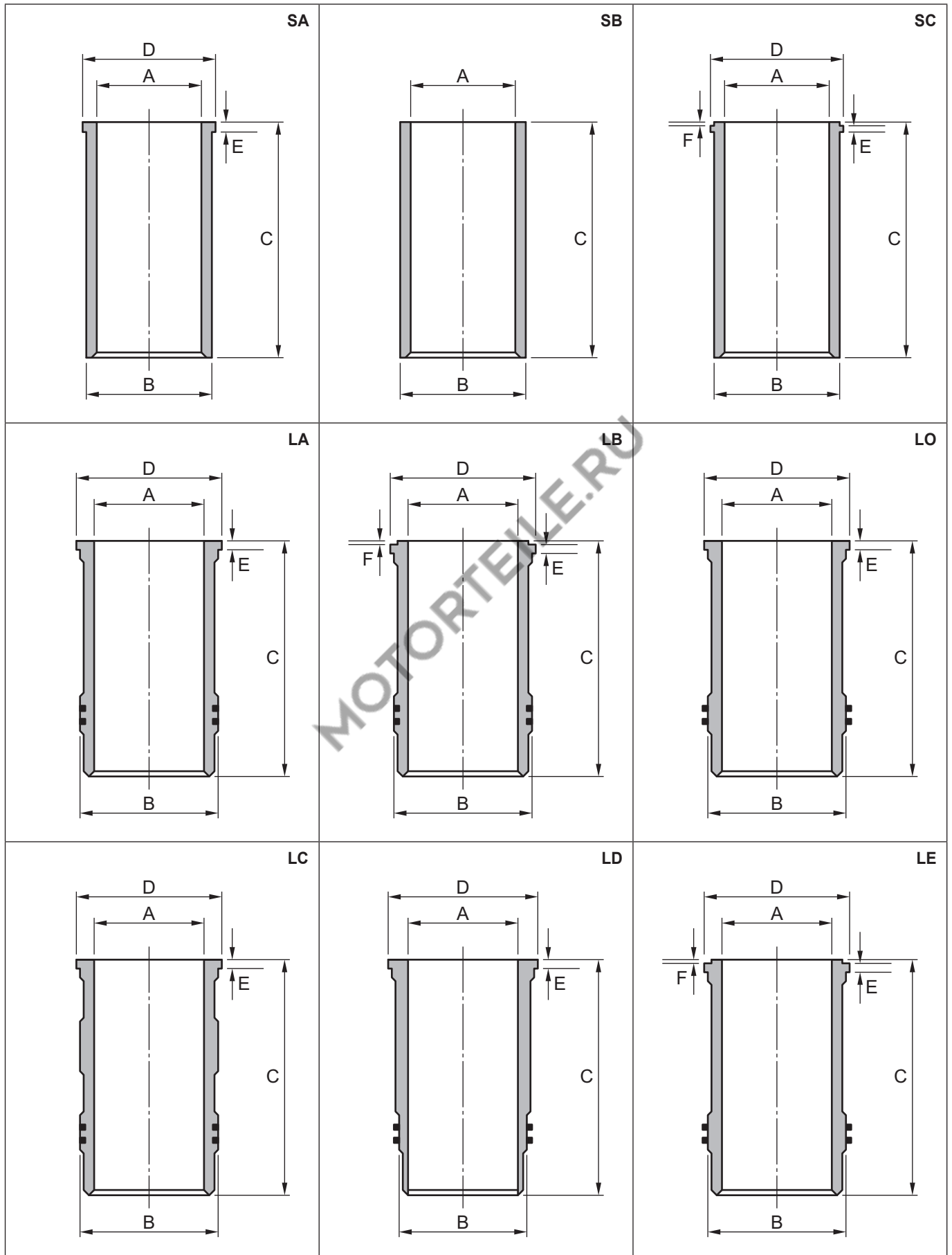
TF No.	Type	Engine Model	Vehicle Chassis	Model	CC	No. Cyl.	Position	Size (mm) d1 × h1 × a1	Shape			Material	Surface Treatment		Reference
									①	②	③		Outside	Upper/ Lower	
80014	2F	FE6T				1	T	85.0 × 2.0 × 3.7	BF	BT	FC	CH	PH	14529-Z9027	
							2	85.0 × 2.0 × 3.7	TF	SP	FC	CH	PH		
							O	85.0 × 4.0 × 2.4	1F		ST	NT	NT		
							O	85.0 × 4.0 × 2.4	2F		ST	NT	NT		
80011	T	88 A/C				1	T	88.0 × 2.5 × 3.7	TF	SP	FC	PH	PH		
							2	88.0 × 2.5 × 3.7	TF	SP	FC	PH	PH		
							O	88.0 × 4.0 × 3.6	1F		FC	PH	PH		
80017	2F	FAW				1	T	90.0 × 2.5 × 3.7	TF	SP	FC	PH	PH	0556-5305882/5788	
							2	90.0 × 2.5 × 3.7	TF	SP	FC	PH	PH		
							O	90.0 × 5.0 × 3.2	2F		ST	NT	NT		
80006	3F	RF8				1	T	95.0 × 2.5 × 4.2	BF		FC	CH	PH	14529-99014	
							2	95.0 × 2.5 × 4.2	TF	SP	FC	PH	PH		
							3	95.0 × 2.5 × 4.2	TF	SP	FC	PH	PH		
							O	95.0 × 4.0 × 3.2	3F		ST	NT	NT		

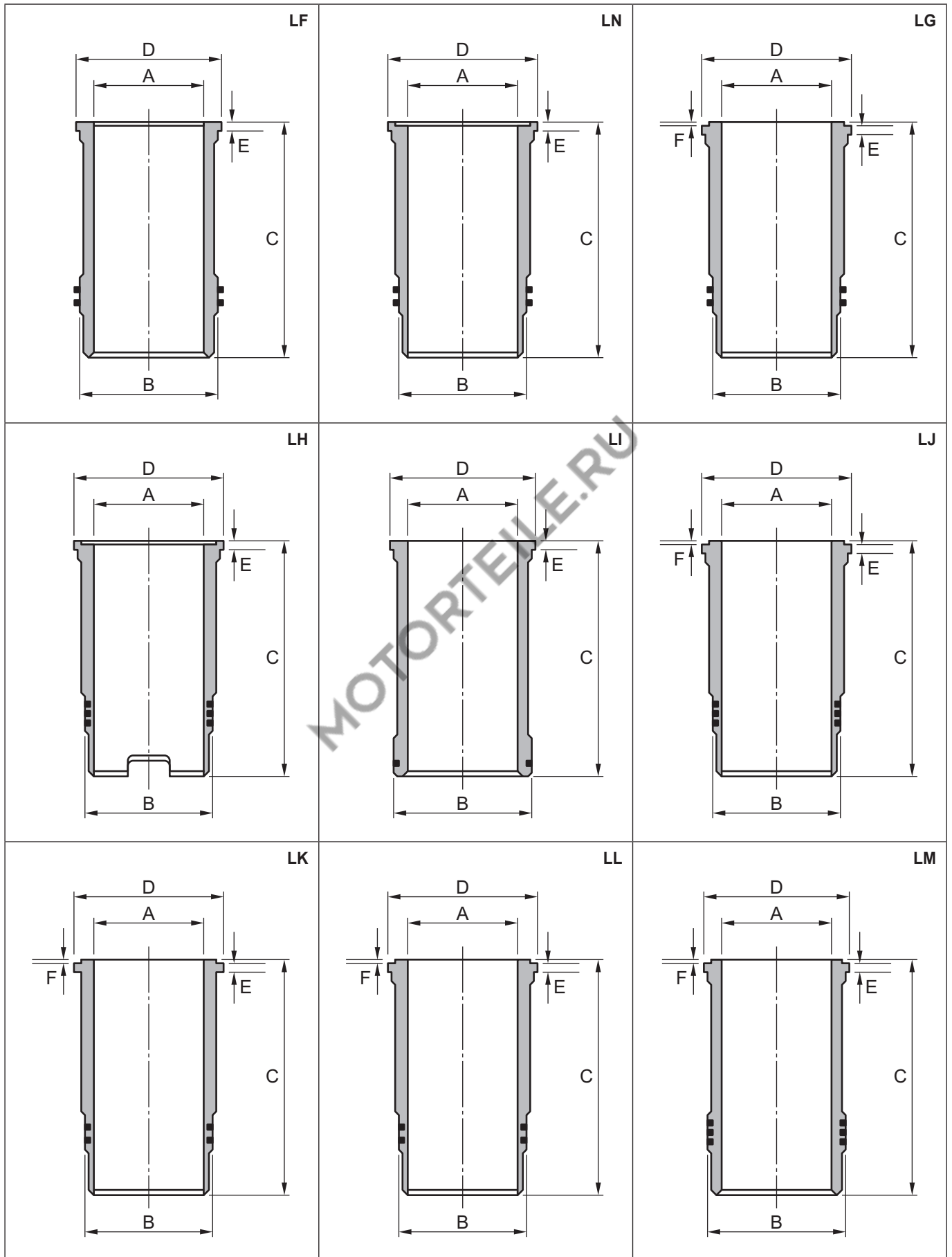
MOTORTEILE.RU

CYLINDER LINERS

MOTORTEILE.RU

Liner Type Diagrams





TF No.	Label No.	Engine Model	Reference	CC	SEMI/ CR	1Box. Cyl.	No. Cyl.	Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
--------	-----------	--------------	-----------	----	----------	------------	----------	------	--------	--------	--------	--------	--------

DAIHATSU

0101S	K03-087068	DG	11461-87302	2,530	SEMI	4	4	SC	87.6	93	182	97	3
0102S	K03-087069	DG	11461-87304	2,530	SEMI	4	4	SC	87.6	96	182	101	3
0103S	K03-097158	DL	11461-87303	2,530	SEMI	4	4	SC	91.6	96	182	101	3
0104S	K03-097072	DL(NEW)	11461-87305	2,530	SEMI	4	4	SC	91.6	96	178	101	3

HINO

0201F	K03-097014	DM100	11467-1330/1440	4,313		6	6	LB	90	104.5	198.5	110	9
0202F	K03-097025	EC100	2-380-1930-10 11467-1130(A)	5,010		6	6	LB	97	110.5	206	117	10
0203F	K03-107202	W04,06D	11467-1761/1791 11461-1680A	4,009		4	4	SC	104	107	201	112	8
0232F	K03-107230	W06D	11467-1761/1791 11461-1680A			6	6	SC	104	107	201	112	8
0216F	K03-107066	EH100	11467-1030/1040	5,871		6	6	SC	105	110	206	115	8
0204F	K03-107020	DS70/90	11461-1260A	7,041		6	6	LK	105	122	261	130	10.1
0213F	K03-107205	H06CT	11467-1591/1621	6,485		6	6	SC	108	113	204	118	8
0205F	K03-117007	DS50	11461-1230A	7,982		6	6	LB	110	124.5	266	131	10.1
0206F	K03-117126	EH700	11467-1200/1230	6,443		6	6	SC	110	113	204	118	8
0240F	K03-117191	J08E/J05E	11467-3200B/10B/20B S1146-3200/10/20			6	6	SA	112	117	203	122	8
0241F	K03-117194	J08E-2-P	11463-E0500			6	6	SA	112	117	203	122	3
0221F	K03-117155	J08C	11467-2601/2611/2621			6	6	SA	114	117	203	122	8
0222F	K03-117171	J08C-2				6	6	SC	114	117	204	122	8
0236F	K03-117189	J08C-3	11462-E0090 11463-E0060 11464-E0060			6	6	SA	114	117	203	122	3
0207F	K03-117035	EB100,200	11467-1390	9,036		2	6	LB	115	131.5	278	139	11.1
0208F	K03-117074	EL100	11461-1360/1640	7,862		2	6	LG	116	129	222.8	138	9
0210F	K03-127047	EB400	11467-1180	9,838		6	6	LB	120	136	287.3	143	11.1
0209F	K03-127010	DK10A	11467-1380/1540	10,178		6	6	LB	120	138	291.5	145	11.1
0231F	K03-127091	P11C	11467-2390/400/410 11467-2710/20/30 11467-3130/40/50	10,520		6	6	SC	122	127	229	134	8
0233F	K03-127095	P11C-2	11461-E0020-A			6	6	SA	122	127	228	134	8
0227F	K03-127088	EM100	11467-1661/62/71/72A	9,419		6	6	SC	124	129.1	236	134	8
0228F	K03-127089	M10-U	11467-2000A/10A/20A/30A	9,880		6	6	SC	127	130.3	236	135.2	8
0238F	K03-137133	K13C	11467-2641A	12,882		2	6	LG	135	153	267	164	12
0211F	K03-137042	EK100 K13D	11467-1080/1650 11467-1910	13,267		2	6	LG	137	153	266.8	164	12.12

TF No.	Label No.	Engine Model	Reference	CC	SEMI/ CR	1Box. Cyl.	No. Cyl.	Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
0212F	K03-137048	EF700,750	11467-1081C/1091B/1480B/1900	16,745		2	8	LG	137	153	247.8	165	12.1
0237F	K03-137131	F17C	11467-1702A	16,745		2	8	LG	139	154	247.8	166	12
0234F	K03-137132	V22C	11467-2130	21,548		2	10	LG	139	156	247.8	167	12.1
0223F	K03-147039	F20C,V25C	11467-2280B/290B/300B 11467-2490A/500A/510A	19,688		4	8	SC	146	152	244.6	159	8
0235F	K03-147044	F20CE	11467-2680A 11467-2690A 11467-2690A	19,688		2	8	SC	146	154	244.6	161	8.5
0224F	K03-157027	F21C,V26C	11467-2650A/60A/70A 11467-3030A/40A/50A			4	8	SC	150	154	244.6	161	8.5

ISUZU

0301F	K03-107098	DA120A	11261-301	6,126		6	6	LF	100	113	220	116	10
0302F	K03-107099	DA120B	11261-287	6,126		6	6	LF	100	113	220	119	8
0304F	K03-107101	DA640B	11261-293	6,373		6	6	LN	102	113	220	119	8
0305F	K03-107102	DA640C	11261-288	6,373		6	6	LN	102	113	228	119	8
0315F	K03-117130	4HE1T	8-97176-7230/40/50/60 8-97176-7231/41/51/61	4,751		4	4	SA	110	115	210	120.7	6
0316F	K03-117131	6HE1	8-94396-3320	7,127		6	6	SA	110	113	210	119.7	6
0306F	K03-117089	4HF1	8-97144-1741/1742 8-97176-7270/7271 8-97176-7280/7281	4,334		4	4	SA	112	115	180	120.7	6
0328F	K03-117167	4HF1-2	8-97144-1740			4	4	SA	112	115	180	121.7	6
0317F	K03-117129	6HH1D 6HK-1	8-94391-6020/30 8-94391-6021/31 8-94393-2731/32	8,226		6	6	SA	115	118	210	123.7	6
0324F	K03-117150	4HJ1	8-94391-6020/30 8-94391-6021/31 8-94393-2731/32	4,751		4	4	SA	115	118	210	123.7	6
0322F	K03-117148	4HG1	8-97144-178	4,751		4	4	SA	115	118	180	123.7	6
0307F	K03-117053	PA/PB1	1-11261-063/064			2	10	LG	115	130	219.25	141.7	10
0308F	K03-117082	10PC1	1-11261-076-1	15,014		2	10	LG	119	133	219.25	143.7	10
0309F	K03-117085	10PC1-TF	1-11261-147	15,014		2	10	LG	119	133	219.25	143.7	10
0310F	K03-117088	10PD1	1-11261-161-2	10,179	CR	2	10	LG	119	133	234.25	143.7	10
0323F	K03-117149	10PD1-2	1-11261-161-2	10,179		2	10	LG	119	133	234.25	143.7	10
0332F	K03-127094	6UZ1	8-98105-8790 8-98112-2300/30			6	6	SC	120	122.5	239.2	129.7	6
0311F	K03-127009	DH100	11261-241/270	10,179		6	6	LA	120	134	280	141	11
0312F	K03-127066	6SD1	1-11261-106-2 1-11261-2980/2990/3000/3010	9,839		6	6	SC	120	123	239.2	129.7	6

TP No.	Label No.	Engine Model	Reference	CC	SEMI/CR	1Box. Cyl.	No. Cyl.	Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
0566S	K03-097169	4DR5 3.0 O/S	3.0 O/S	2,659	SEMI	4	4	SB	91	98	176		
0591S	K03-097148	4M40	Original	2,835	SEMI	4	4	SB	94.3	98.5	192		
0567S	K03-097170	4M40 0.5 O/S	Original 0.5 O/S	2,835	SEMI	4	4	SB	94.3	99	192		
0546F	K03-097011	6DS1(NEW)	ME020306	4,678		6	6	LB	95	108	191.2	115	10
0508F	K03-097026	6DS7(OLD)	ME024161 ME021843/44 ME021162,ME023700	5,430		6	6	LL	98	110	201.2	117	10
0509F	K03-097049	6DS7(NEW)	ME029081 ME029180	5,430		6	6	LL	98	110	206.2	117	10
0510S	K02-100036	4D30 STD	ME011513 ME011528/29	3,298	SEMI	4	4	SB	99	104	196.5		
0511S	K02-100040	4D30 0.5 O/S	ME011523 0.5 O/S	3,298	SEMI	4	4	SB	99	104.5	196.5		
0512S	K03-107136	4D31T	ME011604 ME011625/26	3,298	SEMI	4	4	SB	99	104	191.5		
0537S	K03-107228	6D31	ME011604		SEMI	6	6	SB	99	104	191.5		
0513S	K03-107171	4D32	ME012900	3,567	SEMI	4	4	SB	103	107	192		
0514S	K03-107190	4D32 STD	ME017360	3,567	SEMI	4	4	SB	103	108	191		
0515S	K03-107191	4D32 0.5 O/S	ME017361 0.5 O/S	3,567	SEMI	4	4	SB	103	108.5	191		
0568S	K03-107246	4D32 2.0 O/S	Original 2.0 O/S	3,567	SEMI	4	4	SB	103	110	191		
0516S	K03-107155	4D34 STD	ME013366	3,907	SEMI	4	4	SB	103	108	197.5		
0517S	K03-107177	4D34 0.5 O/S	ME013367 0.5 O/S	3,907	SEMI	4	4	SB	103	108.5	197.5		
0533S	K03-107229	6D34	ME013366		SEMI	6	6	SB	103	108	197.5		
0518F	K03-107104	6D10	ME031502/4	5,974		6	6	LE	105	119	205.8	126	10
0519F	K03-107105	6D11	ME031039 ME031505/07	6,754		6	6	LE	105	119	228.3	126	10
0520S	K03-107192	4D33	ME014660	4,214	SEMI	4	4	SB	107	111.3	197.5		
0575S	K03-107211	4D33 0.5 O/S	ME014661 0.5 O/S	4,214	SEMI	4	4	SB	107	111.8	197.5		
0569S	K03-117226	4D35	ME997120		SEMI	4	4	SB	109	114	198		
0522F	K03-117060	6D14	ME031617 ME031453/071174	6,557		2	6	LG	110	122	206	131	10
0523F	K03-117076	6D14T	ME071175 ME071199	6,557		2	6	LG	110	122	211	131	10
0521F	K03-117015	6DB	ME040040	8,553		2	6	LA	110	125	270	135	11.8
0524F	K03-117057	6D15	ME031654	6,919		6	6	LJ	113	125	206	133	10
0525F	K03-117072	6D15A	ME071041/42~44	6,919		6	6	LJ	113	125	206	133	10
0526F	K03-117078	6D15T	ME071062/63/64	6,919		6	6	LB	113	125	211	133	10
0527F	K03-117086	6D15T2	ME071086/87~92	6,919		6	6	SC	113	117	206	125	8
0594F	K03-117162	4M50T	ME221680/81~84 ME240319~322			4	4	SC	114	118	199.1	124	6
0564S	K03-117224	4M51	Original		SEMI	4	4	SB	117.5	122	208		
0528F	K03-117080	6D16	ME071224/25~30	7,545		6	6	SA	118	122	204.5	128	8
0529F	K03-117092	6D16T	ME041102~7	7,545		6	6	SC	118	122	206	128	8
0543F	K03-117132	6D17	ME071537/38~43	7,545		6	6	SA	118	122	209	128	8

TF No.	Label No.	Engine Model	Reference	CC	SEMI/CR	1Box. Cyl.	No. Cyl.	Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
0595F	K03-117163	6M60T	ME302321/22~27 ME071936/37~42	7,545		6	6	SC	118	122	210.5	128	8
0530F	K03-127042	6D20	ME051157~9	10,308		2	6	LJ	125	143	261.3	153	11.5
0531F	K03-137056	6D22	ME051219/20~22	11,149		2	6	LJ	130	147	261.75	156	11.5
0532F	K03-137069	6D22 NEW	ME051500/01~03 ME051633	11,149		2	6	LJ	130	147	261.75	156	11.5
0535F	K03-137032	DC2,4,7 OLD	31207-43402/202	13,273		2	8	LJ	130	147	229.3	157	11.8
0534F	K03-137025	8DC-4,7	31207-72603/503	13,273		2	8	LJ	130	147	229.3	157	11.8
0552F	K03-137141	8DC82	ME352249/50~52 ME092183/84~86	14,886		2	8	LM	135	154	229.7	163	11.8
0553F	K03-137142	8DC91	ME352233/34~6 ME092187/88~90	16,031		2	8	LM	135	154	259.7	163	11.8
0554F	K03-137143	8DC9T-2	ME352241		CR	2	8	LM	135	154	259.7	163	11.8
0562F	K03-137153	6D40	ME120025~ME120030	13,023		6	6	SC	135	140	260.3	149	9
0563F	K03-137154	6M7	ME180960~ME180965	13,023		6	6	SC	135	140	260.6	149	9
0555F	K03-137144	8DC10	ME062783/856~858 ME352225		CR	2	8	LL	138	154	259.7	163	11.8
0556F	K03-137145	8DC10-2	ME062783/856~858 ME352225	16,752		2	8	LJ	138	154	259.7	163	11.8
0557F	K03-147049	8DC11	ME060439/40~42 ME352229	16,752	CR	2	8	LG	142	153	259.7	163	15.0
0558F	K03-147050	8DC11-2	ME060439/40~42 ME352229	16,752		2	8	LG	142	153	259.7	163	15
0561F	K03-147057	8M22T	ME353321~23		CR	2	8	LB	142	169	257.3	178	11.8
0559F	K03-147051	8M20-3	ME356657/58~60			2	8	LB	146	169	258.3	178	11.8
0536F	K03-147041	8M20-NEW	ME352218~21			2	8	LC	146	169	258.3	178	11.8
0560F	K03-157030	8M21-2	ME352199/200~202			2	8	LB	150	169	258.3	178	11.8

NISSAN

0603S	K03-087062	SD25	11012-L2004	2,488	SEMI	4	4	SA	88.5	92	172	98	5
0602F	K03-087044	SD23	11012-L2002	2,289		4	4	SA	89	92	172	98	5
0605F	K03-087063	TD23 FINISH	11012-O2N17	2,289		4	4	SA	89	92	160	98	5
0606S	K03-097092	BD25/TD25 SEMI	11012-87G40 11012-44G40	2,494	SEMI	4	4	SA	92.4	95.9	160	101.9	5
0607F	K03-097093	BD25/TD25	11012-87G00 11012-44G10	2,494		4	4	SA	92.9	95.9	160	101.9	5
0642S	K03-097136	BD30 SEMI	11012-54T40		SEMI	4	4	SA	95.5	99	172.5	105	5
0623F	K03-097135	BD30	11012-54T00			4	4	SA	96	99	172.5	105	5
0608S	K03-097094	TD27 SEMI	11012-2S040 11012-43G10	2,633	SEMI	4	4	SA	95.5	99	160	105	5
0609F	K03-097095	TD27	11012-2S000	2,633		4	4	SA	96	99	160	105	5

TP No.	Label No.	Engine Model	Reference	CC	SEMI/CR	1Box. Cyl.	No. Cyl.	Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
0610S	K03-097131	TD42 SEMI	11012-06J45	4,169	SEMI	6	6	SA	95.5	99	164	105	5
0611F	K03-097132	TD42	11012-06J00	4,169		6	6	SA	96	99	164	105	5
0612F	K03-107200	FD6	11012-Z5573	5,654	CR	6	6	LJ	100	112	212	118	8
0646F	K03-107231	FD42	11012-OT000/1			4	4	SC	108	111	198	116	8
0613F	K03-107176	FE6	11012-Z5518/9	7,000		6	6	SC	108	111	220	116	8
0614F	K03-107187	FE6TA	11012-Z5604 11012-Z5605	7,000		6	6	SC	108	111	217	116	8
0615F	K03-107188	FE6T A500FE	11012-Z5616 11012-Z5617	7,000		6	6	SC	108	111	212	116	8
0645F	K03-117169	ND6	11012-95065	6,842		6	6	SC	110	115	229	121	3
0669F	K03-117227	NE6	11012-95005/6			6	6	SC	110	115	229	119	3
0726F	K03-117229	NE6TA				6	6	SC	110	115	229	121	3
0660F	K03-107241	FD46	11012-OT300 11012-OT301 11012-Z5616 11012-Z5617			4	4	SC	108	111	212	116	8
0647F	K03-127098	MD92TCI	11012-Z6008/9			6	6	SC	125	129	200.7	135	8
0648F	K03-127099	MD92	11012-Z6004/5 11012-Z6012/13/16/17			6	6	SC	125	129	205.7	135	8
0616F	K03-127032	PD	11012-96000 11012-96001	10,308		6	6	SC	125	130	259	134	3
0617F	K03-137016	PE PE6	11012-96500 11012-96501	11,670		6	6	SC	133	138	259	142	3
0643F	K03-137114	PE	11012-96502/3	11,670		6	6	SC	133	138	259	142	3
0618F	K03-137092	PF,PE6T	11012-96575 11012-96576	12,000		6	6	SC	133	138	259	144	3
0619F	K03-137022	RD	11012-97009	14,313		2	8	LJ	135	153	242.84	161	8.14
0621F	K03-137071	RD-8	11012-97165	14,313	CR	2	8	LJ	135	153	242.84	161	8.14
0620F	K03-137062	RD INN.GR.	11012-97062/77	14,313		2	8	LJ	135	153	242.84	161	8.14
0625F	K03-137103	RE8	11012-97202	15,000	CR	2	8	LJ	135	153	235.84	161	11.14
0650F	K03-137134	RE8-2	11012-97202	15,000		2	8	LJ	135	153	235.84	161	11.14
0644F	K03-137118	GE	11012-00Z11/13	13,000	CR	2	6	LJ	136	157.5	243.6	166.5	9.65
0651F	K03-137135	GE-2	11012-00Z11/13	13,000		2	6	LJ	136	157.5	243.6	166.5	9.65
0622F	K03-137102	RF8TA	11012-97200	16,991	CR	2	8	LJ	138	159	235.84	167	11.14
0649F	K03-137122	RF8TA-2	11012-97200	16,991		2	8	LJ	138	159	235.84	167	11.14
0661F	K03-137156	RF8TI	11012-97272~74			2	8	LJ	138	159	235.84	167	11.14
0631F	K03-147032	RG8	11012-97269	17,990	CR	2	8	LJ	142	159	235.84	167	11.14
0652F	K03-147046	RG8-2	11012-97269	17,990		2	8	LJ	142	159	235.84	167	11.14
0632F	K03-157021	RH8	11012-97261	21,205		2	8	SC	150	155	246.2	161	8

TF No.	Label No.	Engine Model	Reference	CC	SEMI/ CR	1Box. Cyl.	No. Cyl.	Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
--------	-----------	--------------	-----------	----	----------	------------	----------	------	--------	--------	--------	--------	--------

TOYOTA

0723S	K03-077027	2E	Original		SEMI	4	4	SB	71.5	77	138		
0721S	K03-087074	2C	Original	2,000	SEMI	4	4	SB	85.5	90	180		
0701S	K03-087064	1DZ	11461-78200/1-71	2,184	SEMI	4	4	SA	85.6	89	175	94	5
0702S	K03-087070	2J	11461-48011	3,576	SEMI	4	4/6	SC	87.6	93	183.7	98	2.5
0703S	K02-090071	L	11461-54010	2,188	SEMI	4	4	SC	89.6	94	160.5	101	3.5
0704S	K03-097121	2HK	11461-68010	3,980	SEMI	6	6	SC	90.6	95	183.7	101	2.5
0705S	K03-097087	2L	Original	2,446	SEMI	4	4	SA	91.6	96	160.5	101	3
0706F	K03-097122	2L	Original	2,446		4	4	SA	92	96	160.5	101	3
0708S	K03-097101	1HZ	Original	3,576	SEMI	6	6	SA	93	97	168	103	4
0709S	K03-097127	B	11461-56010	2,997	SEMI	4	4	SC	94.6	100	190.2	108	2.5
0710S	K03-097128	B	11461-56020	2,997	SEMI	4	4	SC	94.6	102	190.2	108	2.5
0711S	K03-097129	B	11461-56030	2,997	SEMI	4	4	SC	94.6	99	191.2	105	2.5
0712S	K03-097100	3L	Original	2,779	SEMI	4	4	SA	95	99	153	105	3
0713F	K03-097123	3L	Original	2,779		4	4	SA	96	99	153	105	3
0714S	K03-097105	1Z	11461-78300/3-71	2,977	SEMI	4	4	SA	95.6	100	182.5	106	8
0716S	K03-097104	2Z	11461-78700/1-71		SEMI	4	4	SA	97.6	101	181.5	107	5
0715S	K03-097130	2B	11461-57010	3,168	SEMI	4	4	SC	97.6	102	190.2	108	2.5
0722S	K03-107213	14B	11461-58040	3,660	SEMI	4	4	SB	101.5	106	192		
0717S	K03-107139	3B(OLD)	11461-58010	3,431	SEMI	4	4	SC	101.6	106	187.7	112	2.5
0718S	K03-107203	3B,13B	11461-58020	3,431	SEMI	4	4	SC	101.6	106	190.2	112	2.5
0720F	K03-107180	2D	11461-77040	6,494		6	6	LE	105	115.5	242	120	10
0719F	K03-107179	2D(NEW)	11461-77021	6,494		6	6	LE	105	115.5	233.3	121	10

TOYOTA

MERCEDES

0804F	K03-137168	OM501LA	003 WN 38 01			6	6	LG	130	150.01	258	164.1	10.12
-------	------------	---------	--------------	--	--	---	---	----	-----	--------	-----	-------	-------

DOOSAN

0801F	K03-107242	DB58				6	6	SA	102	106	204	111.8	4
0802F	K03-127107	DOOSAN D2366	65.01201-0051			6	6	SA	123	127	269	133	8
0803F	K03-127108	DOOSAN DE12T	65.01201-0072A 150117-00046			6	6	SA	123	127	269	134	8

OTHERS

NUMERICAL LISTING

(Reference No.)

MOTORTELEFON

Reference	Engine Model	TP No.	Page
005 26 NO	OM501LA	50092	108
0107-11-999	UA	33724	39
0211-23-999	PC	33711	39
0222-23-130	UB,VB	33714	40
0222-23-206	UB,VB	33714	40
0249-23-170A	PB	33715	39
0249-23-206	PB	33715	39
0259-23-170A	PB	33715	39
0259-23-206	PB	33715	39
0268-23-170	PC	33711	39
0268-23-170A	PC	33711	39
0268-23-206	PC	33711	39
0271-23-206	PC	33711	39
0290-23-130	VB,NA	33719	40
0305-23-130	VB,NA	33719	40
0317-23-130	PC	33711	39
0317-23-175	PC	33711	39
0324-23-130	TC	33717	39
0324-23-175	TC	33717	39
03C198151E	POLO BTS	50093	110
04130-47010	3NR	36032	82
0453-23-130	VC	33728	41
0453-23-130B	VC	33728	41
0484-23-130	VB,NA	33719	40
0494-23-130	VB,NA	33719	40
0527-23-206	XB	33730	42
0528-23-206	XB	33730	42
0552-23-180	VA	33725	41
0552-23-190	VA	33725	41
0556-5305882/5788	FAW	80017	113
0559-23-206	XA	33721	42
0559-23-207	XA	33721	42
0571-23-170	UA(NEW)	33726	40
0571-23-180	UA(NEW)	33726	40
0603-23-170A	UA	33724	39
0603-23-999	UA	33724	39
06-113500-00	PUMA	50053	107
0636-23-206	XA	33721	42
0636-23-207	XA	33721	42
0636-23-210	XA	33721	42
06B198151A	SKODA 81	50066	111
0727-23-206	YA	33723	42
0727-23-207	YA	33723	42
0727-23-210	YA	33723	42

Reference	Engine Model	TP No.	Page
0728-23-206	YA	33723	42
0728-23-207	YA	33723	42
0784-23-206	ZB	33731	43
08-125600-00(GOETZE)	Z16XE	50087	108
0K2Y3-11-SCO	CARENS	43020	104
0K3Y0-11-SCO	B3	43012	104
0K3Y2-11-SCO	B3	43012	104
0K3Y3-11-SCO	SPECTRA 1.6	43025	104
0K9YV-11-SCO	2.5EGI	43019	104
1-12121-011/cyl	DA640T	32546	32
1-12121-013/cyl	D920	32541	37
1-12121-015/cyl	E120H	32543	38
1-12121-016/cyl	DH100A	32519	36
1-12121-017/cyl	DH100-H	32567	36
1-12121-018/cyl	8MA-1	32550	38
1-12121-019/cyl	8MA-1	32550	38
1-12121-021/cyl	D920	32522	36
1-12121-022/cyl	D920	32522	36
1-12121-023/cyl	E120	32525	37
1-12121-024/cyl	E120H	32543	38
1-12121-025-0/cyl	V170	32526	38
1-12121-028/cyl	6QA-1	32568	37
1-12121-037-0/cyl	6RB-1,2	32585	37
1-12121-040-0/cyl	6RB-1,2	32585	37
1-12121-043/cyl	10PB-1	32562	36
1-12121-046/cyl	6QA-1	32568	37
1-12121-047-0/cyl	10PC-1	32582	36
1-12121-048-0/cyl	10PC-1	32582	36
1-12121-052/cyl	6BF-1	32559	33
1-12121-052/cyl	6BF-1	62559	33
1-12121-062-0/cyl	10PC-1A	32584	36
1-12121-063-0/cyl	10PC-1A	32584	36
1-12121-063-2/cyl	10PD1	32603	36
1-12121-065-0/cyl	6BG1	32597	33
1-12121-070-0/cyl	6SA-1	32580	35
1-12121-075-0/cyl	6SA-1	32580	35
1-12121-087-0	6BD1	32643	31
1-12121-094-1/cyl	6SD1	32637	36
1-12121-096-0/cyl	6QB2	32633	37
1-12121-102-1/cyl	6RB-T	32610	37
1-12121-113-0/cyl	6SA-1	32580	35
1-12121-115-0/cyl	6BG1-TC	32626	33
1-12121-117/cyl	6WA1TC	32641	37
1-12121-127/cyl	6WA1TC	32641	37

Reference	Engine Model	TP No.	Page
1-12121-129-1	10PE-1	32642	37
1-12121-136/cyl	6WA1TC	32641	37
1-12121-138-1/cyl	10TD1	32697	38
1-12121-139-0/cyl	6WA1TC	32662	37
1-12121-141-0/cyl	6WA1TC	32662	37
1-12121-143-0	6WG1-TC	32699	38
1-12121-144-0	6WG1-TMC	32698	38
1-12121-146-0	6BG1T	32681	34
1-12121-146-0	6BG1T	32695	34
1-12181-001/cyl	DH100A	32519	36
1-12181-005/cyl	DA120A	32517	31
1-12181-005/cyl	DA120A	32688	31
1-12181-006-0/cyl	DA220A	32540	31
1-12181-008-0/cyl	V170	32526	38
1-12181-011/cyl	8MA-1	32550	38
1-12181-016/cyl	10PA-1	32548	35
1-12181-022/cyl	E120H	32543	38
1-12181-032/cyl	8MA-1	32550	38
1-12181-033/cyl	DA640A	32518	32
1-12181-034-0/cyl	DA640PP	32625	32
1-12181-035/cyl	DA640T	32546	32
1-12181-036/cyl	DA120A	32517	31
1-12181-036/cyl	DA120A	32688	31
1-12181-038-0/cyl	DA220A	32540	31
1-12181-049/cyl	DH100-H	32567	36
1-12181-050/cyl	DH100	32508	36
1-12181-058/cyl	10PB-1	32562	36
1-12181-060/cyl	10PA-1	32548	35
1-12181-061/cyl	10PB-1	32562	36
1-12181-068/cyl	DH100	32508	36
1-12181-069/cyl	10PB-1	32562	36
1-12181-087/cyl	DA120A	32517	31
1-12181-087/cyl	DA120A	32688	31
1-12181-109/cyl	DA120A	32517	31
1-12181-109/cyl	DA120A	32688	31
1-12181-111-0/cyl	DA220A	32540	31
1-12181-128/cyl	DA120A	32517	31
1-12181-128/cyl	DA120A	32688	31
1-19163-027-0	6BG1	80013	112
1110A436	4B11	33991	50
1110A497	6G75	33993	54
1110A561	4D56 TDI	33979	51
1110A822	4B12	33992	51
1110A851	4M41-TI	33956	55

Reference	Engine Model	TP No.	Page
1110A937	6G72-S4(NEW)	33409	52
1110B098	4G94-S4	33966	49
1110B099	4G94-S4	33966	49
1110B100	4G94-S4	33966	49
1110B180	6G72 BK	33430	52
1110B302	4M41-DID	33422	55
1110B435	6B31	33977	51
1110B571	6G75	33993	54
1110B587	6G74-FFV 93	33412	53
1110B654	4M41-PSU	33423	55
1110B685	3G83	33460	44
1110B795	4B10	33417	50
1110B806	6G75	33993	54
1110B934	4N13	33996	49
1110B977	4D56(D4)	33454	51
1110C103	4B10	33417	50
1110C162	4B12	33992	51
12033-01B05	MA10	34090	61
12033-01B10	MA10	34090	61
12033-01B11	MA10	34090	61
12033-01E00	CA18	34063	64
12033-01E10	CA18	34063	64
12033-01F00	CA18	34063	64
12033-01L00	L20A-2	34059	63
12033-01M01	E13	34053	62
12033-01M02	E13	34053	62
12033-01M10	E13	34053	62
12033-01M12	E13	34053	62
12033-01T10	FD35	34094	73
12033-01T60	FD35T	34093	73
12033-01W60	J15	34031	63
12033-01W61	J15	34031	63
12033-01W62	J15	34031	63
12033-02N00	TD23	34105	70
12033-02N10	TD23	34105	70
12033-02N11	TD23	34105	70
12033-02P10	VG30	34065	68
12033-03J00	TB42	34087	71
12033-03P00	VG30	34065	68
12033-03P10	VG30	34065	68
12033-04E00	CA20	34056	66
12033-04E10	CA20	34056	66
12033-04W00	Z20-3	34068	67
12033-05B10	GA13DS	34144	61

Reference	Engine Model	TP No.	Page
12033-05B11	GA13DS	34144	61
12033-05D01	TD42T	34102	71
12033-06E00	CA16S	34062	63
12033-06E10	CA16S	34062	63
12033-06J10	TD42	34098	71
12033-06J11	TD42	34098	71
12033-06W10	Z22	34050	68
12033-06W20	Z22	34050	68
12033-0T011	FD42	34120	73
12033-0W000	VG33	34132	70
12033-0W010	VG33	34132	70
12033-0W813	ZD30T	34137	71
12033-0W814	ZD30T	34137	71
12033-10W00	Z24	34070	70
12033-13E00	CA20(NEW)	34086	66
12033-13G10	Z24-2	34077	70
12033-14601	H20	34017	69
12033-15G10	VG30-I	34150	68
12033-15V00	VG30-I	34150	68
12033-16A00	CD17	34061	64
12033-17F00	CA18-DET	34180	64
12033-17F00	CA18ET	34066	64
12033-17M00	E13	34053	62
12033-17M10	E13	34053	62
12033-17V00	VG30-2	34189	68
12033-17V01	VG30-2	34189	68
12033-18F00	CA18-DET	34180	64
12033-18F00	CA18ET	34066	64
12033-18F10	CA18-DET	34180	64
12033-18F10	CA18ET	34066	64
12033-1W411	QD32	34136	72
12033-21000	L16	34023	65
12033-21P10	VG30	34065	68
12033-22J11	RD28	34129	67
12033-23000	L16	34023	65
12033-24G00	Z18	34042	67
12033-28500	G15	34032	64
12033-2J210	SR20	34186	68
12033-2S610	QD32NA	34118	72
12033-2U800	CG13	34210	61
12033-2W211	ZD30T	34137	71
12033-30W10	Z24	34070	70
12033-31D03	FD46T	34121	73
12033-31U00	VQ20	34112	63

Reference	Engine Model	TP No.	Page
12033-31U01	VQ20	34112	63
12033-35R00	CA20(NEW)	34086	66
12033-37500	SD22	34022	65
12033-37N10	TD27T	34092	71
12033-3S910	TD25T1	34135	70
12033-3T602	NA20	34111	67
12033-41B01	CG	34197	61
12033-41M01	E10	34067	61
12033-41M02	E10	34067	61
12033-43G10	TD27	34075	71
12033-43G11	TD27	34075	71
12033-44F00	CA18-DET	34180	64
12033-44G10	TD25	34078	70
12033-47U01	VQ30DE	34091	70
12033-4M70A	QG18	34195	64
12033-4M802	SR20-2	34187	68
12033-4W005	VQ35	34130	70
12033-53F01	KA24	34114	69
12033-53J00	SR20	34085	68
12033-53Y00	GA15	34084	62
12033-54T10	BD30	34116	71
12033-56T10	ED35	34192	73
12033-57J00	CD20	34097	66
12033-57Y00	GA16	34082	62
12033-57Y01	GA16	34082	62
12033-58003	P	34007	67
12033-58004	P	34007	67
12033-58005	P	34007	67
12033-5M370	QG15DE	34207	62
12033-5T115	TD25-2	34095	70
12033-5V110	KA24DE	34143	69
12033-61500	SD33	34034	66
12033-61502	SD33	34034	66
12033-61503	SD33	34034	66
12033-61A00	E13	34053	62
12033-61E10	CA20(NEW)	34086	66
12033-66001	H30	34020	69
12033-67S10	RB30E	34076	68
12033-6T010	TD27-2	34096	71
12033-70F00	KA24	34114	69
12033-73401	L20	34019	63
12033-73402	L20	34019	63
12033-76202	SD22	34022	65
12033-76203	SD22	34022	65

Reference	Engine Model	TP No.	Page
12033-76204	SD22	34022	65
12033-78520	L18	34028	66
12033-78521	L18	34028	66
12033-7J910	QG16DE	34198	62
12033-83W00	Z24-2	34077	70
12033-84A11	GA16	34082	62
12033-85G00	NA20S	34188	67
12033-85G10	NA20S	34188	67
12033-86G00	TA3I	34194	70
12033-86G01	TA3I	34194	70
12033-87A00	GA14	34081	62
12033-87A10	GA14	34081	62
12033-8H301	QR25	34149	69
12033-8J100	VQ35DE	34196	71
12033-8M100	QG18DE	34131	64
12033-94M00	GA16-DS	34079	62
12033-94M01	GA16-DS	34079	62
12033-94M02	GA16-DS	34079	62
12033-9C626	LD23	34103	68
12033-9E000	KA24DE	34147	69
12033-9H500	QR25	34149	69
12033-A0600	L16	34023	65
12033-A3500	L16	34023	65
12033-A3501	L16	34023	65
12033-A6200	A12	34001	61
12033-A8620	L24	34035	65
12033-A8701	L18	34028	66
12033-A8702	L18	34028	66
12033-AE003	QR20DE	34190	69
12033-AV300	QG18DE	34131	64
12033-AW400	YD22	34167	68
12033-AX001	CR12DE	34199	61
12033-AX00A	CR12DE	34199	61
12033-AX201	EJ5KK	34178	61
12033-AX20A	EJ5KK	34178	61
12033-B3030	J15	34031	63
12033-B3040	A12	34001	61
12033-B4910	RB30E	34076	68
12033-B8200	J15	34031	63
12033-C6000	P	34007	67
12033-C8702	SD33T	34191	66
12033-C8704	SD33T	34191	66
12033-CK80A	MR20DE	34162	66
12033-D0120	CA16S	34062	63

Reference	Engine Model	TP No.	Page
12033-D0210	CA18	34063	64
12033-D0400	CA16S	34062	63
12033-D0500	CA18	34063	64
12033-D1700	CA20	34056	66
12033-D2000	CA20	34056	66
12033-D4210	CA18-DET	34180	64
12033-D5810	Z20-3	34068	67
12033-D8500	Z22	34050	68
12033-DB010	TD27-4	34159	71
12033-DY712	TD42T-2	34160	71
12033-E3030	L20A	34025	63
12033-E3100	L24	34035	65
12033-E3110	L24	34035	65
12033-E6620	G20	34030	69
12033-E6800	G20	34030	69
12033-EB30B	YD25-2	34206	70
12033-EB70A	YD25-2	34206	70
12033-EE000	HR16DE	34177	64
12033-EN200	MR20DE	34162	66
12033-EN20A	MR20DE	34162	66
12033-F6500	VG30-DE	34181	68
12033-F6510	VG30-DE	34181	68
12033-F6511	VG30-DE	34181	68
12033-H6200	A12	34001	61
12033-H6201	A12	34001	61
12033-H7200	A14	34606	62
12033-H7680	A15	34038	62
12033-H8500	A12A	34037	62
12033-H8660	A14	34606	62
12033-H8900	A14	34606	62
12033-H9800	A15	34038	62
12033-H9810	A15	34038	62
12033-H9910	A14	34606	62
12033-H9915	A15	34038	62
12033-H9918	A15	34038	62
12033-J2001	ED30	34609	72
12033-J2002	ED30	34609	72
12033-J2004	ED30	34609	72
12033-J2006	ED30	34609	72
12033-J2190	J18	34080	64
12033-J21G0	J18	34080	64
12033-J2200	SD33	34034	66
12033-J2202	SD33	34034	66
12033-J2204	SD33	34034	66

Reference	Engine Model	TP No.	Page
12033-J6500	ED33	34044	72
12033-J6501	ED33	34044	72
12033-KA421	EN	35224	78
12033-KA790	EN07	35223	78
12033-L2000	SD23	34064	70
12033-L2002	SD23	34064	70
12033-L2003	SD23	34064	70
12033-L2004	SD23	34064	70
12033-N4200	L28	34608	67
12033-N4210	L28	34608	67
12033-N4220	L28	34608	67
12033-N7900	J18	34080	64
12033-N8500	Z20-2	34057	67
12033-N8510	Z18	34042	67
12033-N8520	Z18	34042	67
12033-NA010	ZD30T	34137	71
12033-OH600	TZ3P	34169	68
12033-OW81A	TD27-3	34158	71
12033-P7900	L28-2	34055	67
12033-P7910	L28-2	34055	67
12033-P8360	L28	34608	67
12033-P8370	L28	34608	67
12033-P8600	L28-2	34055	67
12033-P8610	L28-2	34055	67
12033-R8100	SD22-2	34054	65
12033-R8103	SD22-2	34054	65
12033-R8104	SD22-2	34054	65
12033-R8110	SD22-2	34054	65
12033-R8112	SD22-2	34054	65
12033-R8114	SD22-2	34054	65
12033-R9000	H20	34017	69
12033-R9023	H20	34017	69
12033-T9000	ED33	34044	72
12033-U6000	L18	34028	66
12033-U6001	L18	34028	66
12033-U6002	L18	34028	66
12033-V0300	L20A	34025	63
12033-V0310	L20A	34025	63
12033-V0400	L20A	34025	63
12033-V0700	LD28	34039	66
12033-V1310	SD22	34022	65
12033-V8000	VG30-I	34150	68
12033-VB000	TB45	34104	72
12033-VB000	TB48DE	34145	72

Reference	Engine Model	TP No.	Page
12033-VC200	TB48DE	34145	72
12033-VK510	YD25TI	34134	70
12033-VK520	YD25	34182	70
12033-VK610	TD27-3	34158	71
12033-VK610	ZD30T	34166	71
12033-VR300	K30	34170	67
12033-VW211	ZD30	34164	71
12033-W0700	L16	34023	65
12033-W0805	L18	34028	66
12033-W0810	L24	34035	65
12033-W0815	L18	34028	66
12033-W1600	L18	34028	66
12033-W1700	LD20	34040	67
12033-W2400	L24E	34051	65
12033-W2410	L24E	34051	65
12033-W2420	L24E	34051	65
12033-W3100	L24E-2	34052	65
12033-W7110	L16	34023	65
12033-WD000	YD22-2	34168	68
12033-WD310	QG18DE-2	34202	64
12033-Y1400	SD22	34022	65
12033-Y1401	SD22	34022	65
12033-Y1402	SD22	34022	65
12033-Y1404	SD22	34022	65
12033-Y1410	SD22	34022	65
12033-Y1412	SD22	34022	65
12033-Y4460	H20	34017	69
12033-Y7000	L20E	34036	63
12033-Y7010	L20E	34036	63
12033-Y7011	L20E	34036	63
12033-Z5004	ED33	34044	72
12033-Z5502/cyl	FD6T	34146	72
12033-Z5504/cyl	FD6T(NEW)	34152	73
12040-00Z07	GE13TD	34184	76
12040-90008	UD-3	34009	74
12040-90025	PE-6	34502	75
12040-90025	PE-6	34155	75
12040-90026	PD-6	34501	74
12040-90026	PD-6	34154	74
12040-90028	PD6T	34048	75
12040-90029	PD-6	34501	74
12040-90029	PD-6	34154	74
12040-90127	ND-6	34500	74
12040-90229	RD-10	34504	76

Reference	Engine Model	TP No.	Page
12040-90325	RD-8	34503	75
12040-90325	RD-8	34151	76
12040-95004	ND-6	34500	74
12040-95006	ND-6	34500	74
12040-95012	NE6	34115	74
12040-95013	NE6	34115	74
12040-95014	NE6	34115	74
12040-95029	NE6	34115	74
12040-95501	NF	34171	74
12040-96004	PD-6	34501	74
12040-96004	PD-6	34154	74
12040-96005/cyl	PD6T	34048	75
12040-96026	PD-6	34501	74
12040-96026	PD-6	34154	74
12040-96028	PE-6	34502	75
12040-96028	PE-6	34155	75
12040-96125	PD6T	34048	75
12040-96127	PD-6	34501	74
12040-96127	PD-6	34154	74
12040-96128	PE-6	34502	75
12040-96128	PE-6	34155	75
12040-96129	PD6T	34048	75
12040-96225/cyl	PE-6T	34049	75
12040-96226	PD-6	34501	74
12040-96226	PD-6	34154	74
12040-96228	PE-6T	34049	75
12040-96228	PE-6T	34161	75
12040-96504	PE-6T	34049	75
12040-96504	PE-6T	34161	75
12040-96509	PE-6T	34049	75
12040-96509	PE-6T	34161	75
12040-96510	PE-6T	34049	75
12040-96510	PE-6T	34161	75
12040-96512	PE-6T	34049	75
12040-96512	PE-6T	34161	75
12040-96513	PE-6T	34049	75
12040-96513	PE-6T	34161	75
12040-96517	PE6T	34088	75
12040-96531	PE-6	34502	75
12040-96531	PE-6	34155	75
12040-96564	PF6	34106	75
12040-96564	PF6-2	34122	75
12040-96566	PF6	34106	75
12040-96566	PF6-2	34122	75

Reference	Engine Model	TP No.	Page
12040-96570	PF6	34106	75
12040-96570	PF6-2	34122	75
12040-97007/cyl	RD-8	34503	75
12040-97007/cyl	RD-8	34151	76
12040-97008/cyl	RD-8	34503	75
12040-97008/cyl	RD-8	34151	76
12040-97025	RD-8	34503	75
12040-97025	RD-8	34151	76
12040-97026	RD-8	34503	75
12040-97026	RD-8	34151	76
12040-97028	RD-8	34503	75
12040-97028	RD-8	34151	76
12040-97072	RF8	34073	76
12040-97072	RF8-2	34124	76
12040-97079	RE8	34107	76
12040-97079	RE8-2	34123	76
12040-97101	RF8T	34108	76
12040-97101	RF8T-2	34204	76
12040-97103	RG8	34109	76
12040-97103	RG8	34156	76
12040-97104	RF8	34073	76
12040-97104	RF8-2	34124	76
12040-97105	RH8,10	34110	77
12040-97106	RH8,10	34110	77
12040-97126	RD-8	34503	75
12040-97126	RD-8	34151	76
12040-97127	RD-10	34504	76
12040-97226	RD-8	34503	75
12040-97226	RD-8	34151	76
12040-97227	RD-10	34504	76
12040-ND000	A790 RF8TI	34174	76
12040-ND001	A790 RG	34175	76
12040-ND003	A790 RH	34176	77
12040-Z5001/cyl	FD-6	34610	72
12040-Z5005/cyl	FD-6	34045	72
12040-Z5025	FD-6	34610	72
12040-Z5026/cyl	FD-6	34610	72
12040-Z5027	FD-6	34610	72
12040-Z5028	FD-6	34045	72
12040-Z5501/1CYL	FD6T-2	34157	72
12040-Z5504	FE6	34100	73
12040-Z5504	FE6	34153	73
12040-Z5505	FE6T	34101	73
12040-Z5505	FE6T	34125	73

Reference	Engine Model	TP No.	Page
12040-Z5511	FE6	34100	73
12040-Z5511	FE6	34153	73
12040-Z5512	FE6T	34101	73
12040-Z5512	FE6T	34125	73
12040-Z5517	FE6T	34101	73
12040-Z5517	FE6T	34125	73
12040-Z5519	FE6TA	34126	73
12040-Z5525	FD6T-2	34157	72
12040-Z5526	FD6T-2	34157	72
12040-Z5527	FD6T	34146	72
12040-Z5528	FD6T(NEW)	34152	73
12040-Z5560	FE6TA	34126	73
12040-Z5561	FE6TA	34126	73
12040-Z5561/cyl	A500FET	34193	73
12040-Z5564	FE6TA	34126	73
12040-Z5603	FE6TA	34126	73
12040-Z5603/cyl	A500FET	34193	73
12040-Z5608	FE6T-2	34201	73
12040-Z6002	MD92TCI	34183	74
12040-Z6004	MD92TCI	34183	74
12140-50E50	F6A-T	35620	79
12140-51E50/cyl	F6A	35582	79
12140-51F10	F6A-N	35621	79
12140-52D00	H27	35627	81
12140-54GA0	LOW	35611	81
12140-60A50/cyl	G16A	35583	81
12140-61G50/cyl	E12	35592	80
12140-61J00	G15A	35615	81
12140-63871/cyl	T5A	35569	79
12140-63E50	SR413	35598	80
12140-63E50	SR413	35616	80
12140-65J00	J20A-2	35635	81
12140-67011/cyl	T5A	35569	79
12140-67810/cyl	L50	35574	79
12140-67811/cyl	L50	35574	79
12140-67820/cyl	L60	35570	80
12140-68811/cyl	T5A	35569	79
12140-69G02	69G	35625	81
12140-72811/cyl	Y30	35579	79
12140-72F00	G10	35628	80
12140-73000/cyl	F5A	35572	79
12140-73000/cyl	F8A	35573	79
12140-73010/cyl	F5A	35572	79
12140-73010/cyl	F8A	35573	79

Reference	Engine Model	TP No.	Page
12140-73601	K6A	35618	79
12140-73D00	Y7AT7	35619	79
12140-73G01	K6A	35622	79
12140-75110/cyl	F10A	35576	79
12140-75111/cyl	F10A	35576	79
12140-75F30-000	K12A	35626	80
12140-77E00	J20A	35617	81
12140-78410	SS80	35636	80
12140-78411/cyl	SS80	35586	80
12140-78B00-000	F8	41002	98
12140-78K00	A6B42	35637	81
12140-79P50-000	K10B	35639	80
12140-82050/cyl	G10	35580	80
12140-82050/cyl	G10	35584	80
12140-82051/cyl	G10	35580	80
12140-82051/cyl	G13A	35587	80
12140-82X50	G10	35614	80
12140-85FA0	FAO	35610	81
12140-86FA0	H25A	35634	81
12141-58M50-000	K10B	35639	80
12141-58M50-000	YL8	35638	80
12181-007/cyl	DA640A	32518	32
12181-014/cyl	DA640T	32546	32
12181-074/cyl	DA640A	32518	32
12181-088/cyl	DA640A	32518	32
12181-110/cyl	DA640A	32518	32
12181-601/cyl	4BA-1	32529	30
12181-601/cyl	4BA-1	62529	30
12181-619/cyl	4BA-1	32529	30
12181-619/cyl	4BA-1	62529	30
13011-71033	1Y	35869	89
13011-73032	4Y	35887	93
13011-0E010	1GD 92	36050	93
13011-0H020	2AZ-FE	35967	92
13011-0H040	2AZ	36042	92
13011-0H041	2AZ	36042	92
13011-0L070	2KDFTV	36049	93
13011-10070	1E	35878	82
13011-10080	1E	35878	82
13011-10081	1E	35878	82
13011-1010	EK100	32226	17
13011-1010	EK100	32292	17
13011-1011	EK100	32226	17
13011-1011	EK100	32292	17

Reference	Engine Model	TP No.	Page
13011-1021B	EK100	32226	17
13011-1021B	EK100	32292	17
13011-1032A	EH300	32206	12
13011-1062	EH300	32206	12
13011-1091A,B	EF300	32225	17
13011-1100	EF300	32225	17
13011-1101	EF300	32225	17
13011-11040	2E-U	35879	82
13011-11041	2E-U	35879	82
13011-11060	2E-U	35879	82
13011-11061	2E-U	35879	82
13011-11064	2E-2	35919	82
13011-11072	2E-U	35879	82
13011-11080	3E	35883	82
13011-11090	3E	35883	82
13011-1111	EF700	32227	17
13011-11122	4E,5E	35954	82
13011-11140	4E,5E	35954	82
13011-11160	4E,5E	35954	82
13011-1121B	EF700	32227	17
13011-1122	EF700	32227	17
13011-1131B	EG100	32220	17
13011-1141	EG100	32220	17
13011-1142	EG100	32220	17
13011-1150	EH100	32222	12
13011-1180A	EF100	32219	16
13011-1200	DK10,20	32208	15
13011-12010	2K	35823	82
13011-12030	2K	35823	82
13011-12031	2K	35823	82
13011-1210	DS70	32201	12
13011-1230	DS50	32202	13
13011-1250	DS50	32202	13
13011-1261	DS50	32202	13
13011-1270	DK10,20	32208	15
13011-1280A	DK10,20	32208	15
13011-1290	DK10,20	32208	15
13011-1300	EB100	32215	15
13011-13010	4K	35863	83
13011-13030	4K-C	35896	83
13011-13040	1S-U	35861	85
13011-13050	1S-U	35861	85
13011-13060	4K	35863	83
13011-13080	1S-U	35861	85

Reference	Engine Model	TP No.	Page
13011-13090	1S-U	35861	85
13011-1310	EB100	32215	15
13011-13100	7K	35922	85
13011-13110	7K	35922	85
13011-13120	7K	35922	85
13011-1330	EB300	32217	15
13011-1350A	DM100	32211	11
13011-1360A	DQ100	32203	11
13011-1390	EC100	32204	11
13011-1400	EC100	32204	11
13011-14010	2A	35857	84
13011-14020	2A	35857	84
13011-14021	2A	35857	84
13011-1410	EH100	32222	12
13011-1460	EG100	32220	17
13011-1470	ED100	32218	16
13011-1480	ED100	32218	16
13011-15010	1A	35854	84
13011-15011	1A	35854	84
13011-15020	1A	35854	84
13011-15021	1A	35854	84
13011-15031	1A	35854	84
13011-15050	5A	35894	84
13011-15100	5A-F	35920	84
13011-15120	5A-F	35920	84
13011-15130	8A	35939	84
13011-1550A	DS70	32201	12
13011-1570A	EF100	32219	16
13011-1580	EF100	32219	16
13011-1590	EF100	32219	16
13011-16010	4A	35876	85
13011-16011	4A	35876	85
13011-16031	4A	35876	85
13011-16032	4A	35876	85
13011-16050	4AGEU	35951	86
13011-16090	4AGEU	35951	86
13011-1610A/cyl	EK100	32226	17
13011-1610A/cyl	EK100	32292	17
13011-1610B	EH700	32239	13
13011-16130	4AF	35908	86
13011-16140	4AF	35908	86
13011-16150	4AF	35908	86
13011-16180	4AGEU	35951	86
13011-16190	4AGE	35910	86

Reference	Engine Model	TP No.	Page
13011-16200	4AGE	35910	86
13011-1620A	EH700	32239	13
13011-16210	4AGE	35910	86
13011-16230	N4AG	35989	86
13011-16280	4AFE	35913	86
13011-16290	4AFE	35913	86
13011-1630	EB400	32231	15
13011-16300	4AFE	35913	86
13011-16320	7A-FE	35938	86
13011-16330	7A-FE	35938	86
13011-16340	4AFE	35913	86
13011-16350	4AG	35976	86
13011-1640A	EB400	32231	15
13011-1650	DS50	32202	13
13011-1660	ED100	32218	16
13011-1670A	ED100	32218	16
13011-1680	DS50	32202	13
13011-1690	EB100	32215	15
13011-1700	EL100	32230	15
13011-17010	1HZ	35898	94
13011-17011	1HZ	35898	94
13011-17020	1HZ	35898	94
13011-17030	1HZ	35898	94
13011-17040	1HD-FTE	35970	95
13011-1710	EL100	32230	15
13011-1720	EB300	32217	15
13011-1730A	EB300	32217	15
13011-1740	EV700	32233	18
13011-1741	EV700	32233	18
13011-1751	EV700	32233	18
13011-1780	EB100	32215	15
13011-18030	1PZ	35949	95
13011-1830	DS50	32202	13
13011-1921A	EM100	32283	16
13011-1931	EM100	32283	16
13011-1952	EP100	32282	15
13011-1961	H06C-TA	32237	12
13011-1973	W04D	32235	11
13011-1973	W04D	32273	12
13011-1983	W06D	32236	12
13011-1983	W04D	32273	12
13011-20010	1MZ-FE	35935	90
13011-20012	1MZ-FE	35935	90
13011-20020	1MZ-FE	35935	90

Reference	Engine Model	TP No.	Page
13011-20050	2MZ	36026	90
13011-2070A	EH700	32239	13
13011-2090	EH700	32239	13
13011-21030	1NZ-FXE	35973	83
13011-21041	2NZ-FE	35974	83
13011-21050	2NZ-FE	35974	83
13011-21060	2NZ-FE-2	35975	84
13011-21070	1NZ-FXE	35973	83
13011-21091	1NZ-FE-2	36046	83
13011-2150	EG100	32220	17
13011-2160	EG100	32220	17
13011-2170B	EF700	32227	17
13011-2180	EF700	32227	17
13011-2200A	EV700	32233	18
13011-22011	3K	35815	83
13011-22030	1,3,4ZZ	35950	84
13011-22040	1,3,4ZZ	35950	84
13011-22090	1,3,4ZZ	35950	84
13011-22100	1,3,4ZZ	35950	84
13011-2210A	EK100	32226	17
13011-2210A	EK100	32292	17
13011-22111	1,3,4ZZ	35950	84
13011-22140	TZZ-FE	36021	84
13011-22200	1,3,4ZZ	35950	84
13011-2221A	EK100	32226	17
13011-2221A	EK100	32292	17
13011-22220	1,3,4ZZ	35950	84
13011-22221	1,3,4ZZ	35950	84
13011-22230	1,3,4ZZ	35950	84
13011-22250	M10-U	32275	16
13011-2270A	W04C-T	32277	11
13011-2270C	W04C-T	32277	11
13011-23010	3P	35822	84
13011-23030	3P	35822	84
13011-23040	1SZ-FE	35991	82
13011-23041	1SZ-FE	35991	82
13011-23051	1SZ-FE	35991	82
13011-23060	2SZ-FE	36019	82
13011-23070	2SZ	31060	9
13011-23073	2SZ	31060	9
13011-24010	3K	35815	83
13011-24011	3K	35815	83
13011-24012	3K	35815	83
13011-24020	3K	35815	83

Reference	Engine Model	TP No.	Page
13011-24030	3K	35815	83
13011-2410	K13C	32251	17
13011-2420	W06D	32236	12
13011-2420	W04D	32273	12
13011-2440	W06D	32236	12
13011-2440	W04D	32273	12
13011-25010	T	35824	85
13011-25020	T	35824	85
13011-25032	T	35824	85
13011-25033	T-J	35864	85
13011-25041	T	35824	85
13011-25042	T-J	35864	85
13011-2540	W04D	32235	11
13011-2540	W04D	32273	12
13011-2550B	W04C-T	32277	11
13011-26020	2T	35825	87
13011-26040	2T	35825	87
13011-26041	2T	35825	87
13011-26090	2AD	36016	89
13011-26100	2AD	36016	89
13011-26110	2AD	36016	89
13011-2650	H07D	32254	13
13011-2651	H07D	32254	13
13011-2651	H07D-2	32301	13
13011-2660	H07D	32254	13
13011-2671	H07C-T	32247	13
13011-2672	H07C-T	32247	13
13011-27020	2T	35825	87
13011-27030	1CD	35977	86
13011-27040	1CDA	35996	86
13011-2760	EP100	32282	15
13011-2792	F20C	32252	18
13011-2792A	F20C	32267	18
13011-28010	3T	35958	87
13011-28011	3T	35958	87
13011-28012	3T	35958	87
13011-28020	3T	35958	87
13011-28030	3T	35958	87
13011-28031	3T	35958	87
13011-28070	3T	35958	87
13011-28071	3T	35958	87
13011-2810	F17C	32248	18
13011-2810	F17C	32279	18
13011-28101	2AZ-FE	35967	92

Reference	Engine Model	TP No.	Page
13011-28102	2AZ-FE	35967	92
13011-28110	1AZ-D4	35997	88
13011-28120	1AZ	35963	88
13011-28121	1AZ	35963	88
13011-28130	1AZ	36030	88
13011-28151	2AZ-FE	35967	92
13011-28160	2AZ	36042	92
13011-28161	2AZ	36042	92
13011-28190	2AZ	36042	92
13011-2820	F17C	32248	18
13011-2820	F17C	32279	18
13011-28200	1AZ-D4	35997	88
13011-28210	1AZ	35963	88
13011-28220	1AZ	35963	88
13011-28240	2AZ	36042	92
13011-2870	M10-U	32275	16
13011-2891A	W04C-TI	32286	11
13011-2960	J08C-5	32300	14
13011-2960	J08C-5	32302	14
13011-2960A	J08C-3	32268	14
13011-2961A	J08C-3	32268	14
13011-2962A	J08C-3	32268	14
13011-2970	K13D	32253	18
13011-2970	K13D	32293	18
13011-2980A	F20C	32267	18
13011-2981A	F20C	32267	18
13011-2990	K13D	32253	18
13011-2990	K13D	32293	18
13011-2991	K13D	32253	18
13011-2991	K13D	32293	18
13011-30020	1KD	35987	96
13011-30022	1KD	35987	96
13011-30030	2KD	35986	93
13011-30031	2KD	35986	93
13011-30040	1KD	35987	96
13011-30050	1KD	35987	96
13011-31010	2R	35811	84
13011-31030	2R	35811	84
13011-31040	2R	35811	84
13011-31050	12R	35830	85
13011-31051	12R	35830	85
13011-31051	12R	35907	85
13011-31060	12R	35830	85
13011-31060	12R	35907	85

Reference	Engine Model	TP No.	Page
13011-31061	12R	35830	85
13011-31061	12R	35907	85
13011-31070	12R	35830	85
13011-31070	12R	35907	85
13011-31081	12R	35830	85
13011-31081	12R	35907	85
13011-31090	12R	35830	85
13011-31090	12R	35907	85
13011-31100	1GR-FE	35968	94
13011-3110A	P11C	32264	16
13011-31110	3GR-D4	35998	90
13011-3111A	P11C	32264	16
13011-3112A	P11C	32264	16
13011-31130	2GR-FE	36002	95
13011-3114A	P11C	32264	16
13011-3114B	P11C	32264	16
13011-3114C	P11C	32264	16
13011-31150	2GR-FE	36002	95
13011-31170	3GR-D4	35998	90
13011-31180	3GR-FE	36020	90
13011-3150	F17C	32248	18
13011-3150	F17C	32279	18
13011-3160	F17C	32248	18
13011-3160	F17C	32279	18
13011-3221A	J05C	32271	14
13011-3221A	J05C	32298	14
13011-3250A	F20C	32267	18
13011-3281A	H06C-TI	32261	12
13011-33010	6R	35820	88
13011-33020	6R	35820	88
13011-33021	6R	35820	88
13011-33022	6R	35820	88
13011-33030	6R	35820	88
13011-33041	1ND	36006	82
13011-3310A	F21C	32276	19
13011-3320A	F20C-E	32278	18
13011-3371A	J07C-3	32269	14
13011-3371B	J07C-3	32269	14
13011-3391B	J05C-3	32270	14
13011-34012	18R	35831	92
13011-34013	18R	35831	92
13011-34020	18R	35831	92
13011-34021	18R	35831	92
13011-34022	18R	35831	92

Reference	Engine Model	TP No.	Page
13011-34030	18R	35831	92
13011-34050	18R	35831	92
13011-3450A	F21C	32276	19
13011-3470A	H07C-T2	32262	13
13011-35010	22R	35852	93
13011-35020	22R	35852	93
13011-35030	22R	35852	93
13011-35040	22R-2	35881	94
13011-35041	22R-4	35945	94
13011-35050	22R-2	35881	94
13011-35052	22R-2	35881	94
13011-35060	22R-2	35881	94
13011-35061	22R-2	35881	94
13011-35070	22R-2	35881	94
13011-35071	22R-3	35933	94
13011-3510A	H07C-T2	32262	13
13011-3520	H06C-T	32255	12
13011-3570A	J08C	32263	14
13011-3590	K13C-TE	32250	17
13011-37030	21R	35853	87
13011-37050	21R	35853	87
13011-37060	21R	35853	87
13011-37070	21R-2	35880	87
13011-37071	21R-2	35880	87
13011-37090	1,2,3ZR	36036	85
13011-37140	1,2,3ZR	36036	85
13011-37160	1,2,3ZR	36036	85
13011-3731A	S05C	32259	14
13011-3750B	EK100	32226	17
13011-3750B	EK100	32292	17
13011-3800A	P11C	32264	16
13011-38010	18R	35831	92
13011-38020	18R	35831	92
13011-38030	20R	35849	92
13011-38040	18R	35831	92
13011-38060	18R	35831	92
13011-3810A	P11C	32264	16
13011-3811A	P11C	32264	16
13011-3820A	J08C	32263	14
13011-3830A	P11C	32264	16
13011-3870A	P11C	32264	16
13011-3870A	P11C	32264	16
13011-3880A	J05C	32271	14
13011-3880A	J05C	32298	14

Reference	Engine Model	TP No.	Page
13011-3890B	J08C	32263	14
13011-3940A	J05C	32271	14
13011-3940A	J05C	32298	14
13011-3950A	W04D-J	32287	11
13011-40030A	1KR-FE	31056	8
13011-40050	1KR-FE	31056	8
13011-40051	1KR-FE	31056	8
13011-40052	1KR-FE	31056	8
13011-41015	M	35816	83
13011-41040	M	35816	83
13011-42010	7M	35893	86
13011-42020	7M	35893	86
13011-42030	7M	35893	86
13011-42040	7M	35893	86
13011-43010	5M	35859	86
13011-43030	5M	35859	86
13011-43050	5M-GEU	35860	86
13011-43080	5M-GEU	35860	86
13011-44011	5R	35810	91
13011-44011	5R	35905	91
13011-44032	5R	35810	91
13011-44032	5R	35905	91
13011-44040	5R	35810	91
13011-44040	5R	35905	91
13011-44042	5R	35810	91
13011-44042	5R	35905	91
13011-44043	5R	35810	91
13011-44043	5R	35905	91
13011-44060	5R	35810	91
13011-44060	5R	35905	91
13011-44061	5R	35810	91
13011-44061	5R	35905	91
13011-44062	5R	35810	91
13011-44062	5R	35905	91
13011-44063	5R	35810	91
13011-44063	5R	35905	91
13011-44073	5R	35810	91
13011-44073	5R	35905	91
13011-45021	4M	35832	85
13011-45040	4M	35832	85
13011-46021	J	35813	91
13011-46030	2JZ-GE	35946	89
13011-46040	2JZ-GE	35946	89
13011-46041	2JZ-GE	35946	89

Reference	Engine Model	TP No.	Page
13011-46050	2JZ-GE	35946	89
13011-46060	2JZ-D4	35964	89
13011-46061	2JZ-D4	35964	89
13011-46070	1JZ-FSE	36043	87
13011-47020	H	35827	91
13011-47021	H	35848	91
13011-47022	H(NEW)	35839	92
13011-47023	H(NEW)	35839	92
13011-48013	J	35837	91
13011-48021	J	35837	91
13011-48022	2J(NEW)	35838	91
13011-48023	2J(NEW)	35838	91
13011-48030	2J(NEW)	35838	91
13011-50040	1UZ-FE	35947	90
13011-50060	1UZ-FE-2	35948	90
13011-50110	1UZ	36027	90
13011-50141	2UZ-FE	36028	94
13011-51030	1VD-FTV	36034	90
13011-51031	1VD-FTV	36034	90
13011-51032	1VD-FTV	36034	90
13011-52010	4V	35842	87
13011-54010	L	35850	93
13011-54020	L	35850	93
13011-54021	L	35850	93
13011-54030	L(NEW)	35862	93
13011-54031	L(NEW)	35862	93
13011-54032	L(NEW)	35862	93
13011-54040	L(NEW)	35862	93
13011-54041	L(NEW)	35862	93
13011-54042	L(NEW)	35862	93
13011-54050	2L	35867	94
13011-54060	2L	35867	94
13011-54061	2L	35867	94
13011-54080	L(NEW)	35862	93
13011-54090	2L-T	35899	94
13011-54100	2L	35867	94
13011-54120	3L	35892	96
13011-54130	5L	35929	96
13011-55010	1N-T	35884	82
13011-55011	1N-T	35884	82
13011-56010	B(OLD)	35834	95
13011-56011	B	35847	95
13011-56012	B(NEW)	35840	95
13011-56013	B(NEW)	35840	95

Reference	Engine Model	TP No.	Page
13011-56021	B(NEW)	35840	95
13011-56022	B(NEW)	35840	95
13011-56030	11B	35889	95
13011-56040	11B,B	35901	95
13011-56050	11B-2	35971	96
13011-567-325/cyl	N360	32333	20
13011-57010	2B	35851	96
13011-58010	3B	35855	97
13011-58011	3BK	35909	97
13011-58030	13B	35890	97
13011-58040	13BT	35891	97
13011-58050	14B	35895	97
13011-58051	14B	35895	97
13011-58060	14B-T	35903	97
13011-58070	14B(NEW)	35916	97
13011-58072	14B(NEW)	35916	97
13011-58090	15B-F	35926	97
13011-58110	15B-FTE	35969	97
13011-60011	F	35806	92
13011-60040	F(NEW)	35835	92
13011-601-000/cyl	N360	32333	20
13011-61010	2F	35836	94
13011-61060	3F	35882	94
13011-61061	3F	35882	94
13011-61062	3F(NEW)	35914	94
13011-62040	3VZ-FE	36031	91
13011-62060	3VZ-FE	35934	90
13011-62080	3VZ-FE	36031	91
13011-62100	5VZ-FE	35959	94
13011-62110	5VZ-FE	35959	94
13011-62120	5VZ-FE	35959	94
13011-63010	1S-U	35861	85
13011-63011	1S-U	35861	85
13011-63020	1S-U	35861	85
13011-63030	1S-U	35861	85
13011-63031	1S-U	35861	85
13011-634-003/cyl	EB1	32345	20
13011-634-004/cyl	EB1	32345	20
13011-634-013/cyl	EB1	32345	20
13011-634-305/cyl	EB1	32345	20
13011-634-631/cyl	EB3	32363	20
13011-64010	1C	35865	87
13011-64020	1C	35865	87
13011-64040	1C	35865	87

Reference	Engine Model	TP No.	Page
13011-64060	2C-T	35877	89
13011-64070	1C	35865	87
13011-64070	1C-T	35923	87
13011-64080	1C	35865	87
13011-64130	1C-A	35900	87
13011-64150	2C-T	35877	89
13011-64150	2C-T	35877	89
13011-64170	2C-A	35911	89
13011-64190	2C-2	35924	89
13011-642-003/cyl	EB5	32346	20
13011-642-004/cyl	EB5	32346	20
13011-64210	2C-T-2	35965	89
13011-64212	2.3C-T	35912	89
13011-64213	2.3C-T	35912	89
13011-64220	1C-A	35900	87
13011-64230	3C-T	35966	89
13011-642-305/cyl	EB5	32346	20
13011-65021	3VZ-FE	35934	90
13011-657-004/cyl	EC	32347	21
13011-657-315/cyl	EC	32347	21
13011-657-604/cyl	EC	32347	21
13011-657-670/cyl	ED	32351	21
13011-657-671/cyl	ED	32351	21
13011-657-673/cyl	ED	32351	21
13011-66020	1FZ-2	36015	96
13011-66021	1FZ	35941	96
13011-67030	1KZ	35937	96
13011-671-000/cyl	ED	32351	21
13011-671-004/cyl	ED	32351	21
13011-673-000/cyl	EJ	32355	20
13011-676-005/cyl	EK	32357	22
13011-676-601/cyl	EK	32357	22
13011-676-602/cyl	EK	32357	22
13011-676-604/cyl	EK	32357	22
13011-676-642/cyl	EK	32357	22
13011-679-014/cyl	EH	32358	20
13011-679-621/cyl	EH	32358	20
13011-68010	2H	35856	93
13011-68020	2H	35856	93
13011-68030	12H-T	35886	93
13011-689-013/cyl	EK	32357	22
13011-689-015/cyl	EK	32357	22
13011-69021	F	35806	92
13011-695-004/cyl	EJ	32355	20

Reference	Engine Model	TP No.	Page
13011-70010	1G	35858	83
13011-70030	1G-E	36003	83
13011-70051	1GX	35981	83
13011-70110	1G-FE	36035	83
13011-71010	1Y	35869	89
13011-71020	1Y	35869	89
13011-71030	1Y	35869	89
13011-71031	1Y	35869	89
13011-71033	1Y(NEW)	35930	89
13011-71040	1Y	35869	89
13011-73020	4Y	35887	93
13011-73030	4Y	35887	93
13011-73031	4Y	35887	93
13011-73032	4Y(NEW)	35932	93
13011-73040	4Y	35887	93
13011-73071	Y-P	36000	90
13011-74010	2S	35866	87
13011-74020	2S	35866	87
13011-74030	2S	35866	87
13011-74040	2S	35866	87
13011-74041	2S	35866	87
13011-74070	3S	35902	88
13011-74072	3S	35902	88
13011-74080	3SFE(C)	35885	88
13011-74081	3SFE(C)	35885	88
13011-74091	3S	35902	88
13011-74110	4S	35917	86
13011-74120	4S	35917	86
13011-74121	4S	35917	86
13011-74131	3S-F	35942	88
13011-74150	5S-FE	35988	90
13011-74260	5SFE2	35921	90
13011-74261	5SFE2	35921	90
13011-74280	3S	35902	88
13011-74290	5SFE2	35921	90
13011-74300	5SFE2-2	35943	90
13011-74320	3S-FE	35984	88
13011-74340	3S-FE	35984	88
13011-74361	3S-FE	35984	88
13011-74370	5SFE3	35944	90
13011-74380	5SFE3	35944	90
13011-74400	3S-FSE	35962	88
13011-74410	5SFE3	35944	90
13011-75010	1RZ	35904	88

Reference	Engine Model	TP No.	Page
13011-75020	1RZ	35904	88
13011-75030	2,3RZ	35952	95
13011-75040	3RZ-FE	36004	95
13011-75060	2,3RZ	35952	95
13011-75100	1TR	35960	88
13011-75110	2TR-FE	35961	95
13011-75120	1TR	35960	88
13011-75130	2TR-FE	35961	95
13011-76010	2TZ-FE	35956	95
13011-76050	2TZ-FE	35956	95
13011-77010	2D(OLD)	35808	97
13011-77020	2D(OLD)	35808	97
13011-77021	2D(OLD)	35808	97
13011-77022	2D(OLD)	35808	97
13011-77023	2D(OLD)	35808	97
13011-77040	2D(NEW)	35846	97
13011-77041	2D(NEW)	35846	97
13011-77050	2D(NEW)	35846	97
13011-78010	1W	36029	97
13011-78031	S05C	32259	14
13011-78060	N04,W04D	32258	11
13011-78200-71	1DZ	35925	89
13011-78201-71	2DZ	35940	89
13011-78202-71	1,2DZ	36009	88
13011-78220	N04C/W04D	32296	11
13011-78300-71	1Z	35915	96
13011-78300-71	1Z	36048	96
13011-78330-71	1Z	36048	96
13011-78700-71	2Z	35928	96
13011-78701-71	2Z-B	36010	96
13011-78701-71	2Z-B	36047	96
13011-78760-71	2Z-B	36047	96
13011-78761-71	2Z-B	36047	96
13011-87105	HC	31035	9
13011-87106	HD	31036	10
13011-87107	HD	31036	10
13011-87108	HC	31035	9
13011-87109	HD	31036	10
13011-87110	HD	31036	10
13011-87111	HD	31036	10
13011-87112	HD(NEW)	31045	10
13011-87204	L38	31016	8
13011-87205	L38	31016	8
13011-87206	EB	31033	8

Reference	Engine Model	TP No.	Page
13011-87208	ED	31040	8
13011-87218	EF	31041	8
13011-87222	EB	31033	8
13011-87231	JB-J	31057	8
13011-87232	ED	31040	8
13011-87305	DG(NEW)	31026	10
13011-87306	DG(NEW)	31026	10
13011-87307	DG(NEW)	31026	10
13011-87308	DG(NEW)	31026	10
13011-87310	DL	31030	10
13011-87311	DL	31030	10
13011-87312	DL	31030	10
13011-87313	DL	31030	10
13011-87314A	DL-T	31032	10
13011-87317	DL-T	31032	10
13011-87320	DL	31030	10
13011-87321	DL-2	31046	10
13011-87501	L38	31016	8
13011-87701	L40	31024	9
13011-87702	L40	31024	9
13011-87703	CB10	31028	9
13011-87704	CB10	31028	9
13011-87705	L40	31024	9
13011-87708	CB10	31028	9
13011-87709	L40	31024	9
13011-87710	L40	31024	9
13011-87712	CD	31027	8
13011-87714	L40	31024	9
13011-87717	CL	31031	10
13011-87718	CB20	31038	9
13011-87721	CL(NEW)	31043	10
13011-87723A	CL	31031	10
13011-87727	CB90	31037	9
13011-88363	3S-G	35995	88
13011-88380	3S-G	35995	88
13011-88601	2ZZ-GE	36040	86
13011-96601	2H	35856	93
13011-97201	EJ	31048	9
13011-97202	EJDE	31059	9
13011-97203	EF	31053	8
13011-97209	ED(NEW)	31050	8
13011-97210	EJ	31048	9
13011-97401	K3	31049	9
13011-97404	K3	31049	9

Reference	Engine Model	TP No.	Page
13011-B1020	3SZ-VE	31055	9
13011-B2020	KF-VE	31062	8
13011-B2043	KF-VE2	31063	8
13011-B2110	KF-VE3	31064	8
13011-BZ010-B	D02X	31051	9
13011-BZ010-B	D02X	31052	9
13011-BZ020-B	EJ-VE	31061	9
13011-BZ1040	3SZ-VE	31055	9
13011-BZ110	3SZ-VE	31055	9
13011-E0120	YL86	32284	14
13011-E190	J05D-TB	32272	13
13011-E190	J05D-TB	32297	13
13011-P04-G02	P04	32407	21
13011-P07-004/cyl	P08	32381	21
13011-P08-004/cyl	P08	32381	21
13011-P13-003/cyl	P13	32393	24
13011-P1R-003	P1R	32416	23
13011-P36-003	E07A	32405	20
13011-P3F-003/cyl	B20B	32387	23
13011-P5M-003/013	P5M	32389	24
13011-PA0-004/cyl	EJ	32355	20
13011-PA1-004/cyl	EJ	32355	20
13011-PA5-004/cyl	EJ	32355	20
13011-PA5-014/cyl	EJ-2	32359	20
13011-PA5-024/cyl	EJ-2	32359	20
13011-PA5-034/cyl	EJ-2	32359	20
13011-PA6-004/cyl	ED	32351	21
13011-PA6-014/cyl	EM-2	32364	21
13011-PAA-Y01/cyl	PAA	32384	23
13011-PB0-004/cyl	EB3	32363	20
13011-PB1-003/cyl	EK	32357	22
13011-PB2-005/cyl	EK	32357	22
13011-PC3-601/cyl	EK	32357	22
13011-PC3-603/cyl	EK	32357	22
13011-PC4-601/cyl	EK	32357	22
13011-PC6-004/cyl	ES	32360	22
13011-PC6-013/cyl	ES	32360	22
13011-PC7-023/cyl	ES	32360	22
13011-PCB-003/cyl	PCB	32394	23
13011-PD4-003/cyl	A18A	32367	22
13011-PD6-003/cyl	ES	32360	22
13011-PDF-004	E07Z	32401	20
13011-PE3-004/cyl	EW	32362	21
13011-PEA-003/cyl	PEA	32395	23

Reference	Engine Model	TP No.	Page
13011-PFB-003	PFB	32408	20
13011-PFB-J01	PFB	32408	20
13011-PH1-003/cyl	ES	32360	22
13011-PH2-003/cyl	ES	32360	22
13011-PH2-901/cyl	A18A	32367	22
13011-PH2-902/cyl	A18A	32367	22
13011-PH2-903/cyl	A18A	32367	22
13011-PH3-003/cyl	B20A	32368	22
13011-PH3-901/cyl	B20A	32368	22
13011-PH4-003/cyl	A20A	32370	22
13011-PH4-601/cyl	A20A	32370	22
13011-PH4-602/cyl	A20A	32370	22
13011-PH4-751	A20A-2	32388	23
13011-PH5-003/cyl	B20A	32368	22
13011-PH7-003/cyl	C25A-2	32372	23
13011-PHK-003/cyl	PHK	32396	23
13011-PJ5-601/cyl	B20A	32368	22
13011-PK1-003/cyl	B20A	32368	22
13011-PK1-751/cyl	B20A	32368	22
13011-PL2-003/cyl	C27A	32373	24
13011-PLM-A00	D17A1	32400	21
13011-PLR-A00	D17A1	32400	21
13011-PM0-B02/cyl	D16	32375	21
13011-PM0-B03/cyl	D16	32375	21
13011-PM5-G02/cyl	ZC	32376	21
13011-PM6-G02/cyl	ZC	32376	21
13011-PN8-P01	PAA	32384	23
13011-PNA-013	PNA	32410	24
13011-PNE-G02	PNE	32399	24
13011-POA-004/cyl	F22B	32383	23
13011-PPA-004	RAD	32406	24
13011-PR3-003/cyl	B16,B18	32391	22
13011-PR3-004/cyl	B16,B18	32391	22
13011-PR4-A01/cyl	B16,B18	32391	22
13011-PT0-B01/cyl	F20A	32374	23
13011-PT0-B02/cyl	F20A	32374	23
13011-PT0-B04/cyl	P1R	32386	23
13011-PT1-505	PT1CA	32380	23
13011-PT1-M02/cyl	PT1CA	32380	23
13011-PT2-003/cyl	F22B	32383	23
13011-PT2-004/cyl	F22B	32383	23
13011-PT4-X01/cyl	F22A	32378	23
13011-PT4-X02/cyl	F22A	32378	23
13011-PT4-X03/cyl	F22A	32378	23

Reference	Engine Model	TP No.	Page
13011-PT4-X04/cyl	F22A	32378	23
13011-PV0-003/cyl	PV0	32392	22
13011-PV0-004/cyl	PV0	32392	22
13011-PV0-013/cyl	PV0	32392	22
13011-PV0-014/cyl	PV0	32392	22
13011-PVB-003/013	PVB	32390	24
13011-PWA-G01	REA-2	32398	21
13011-PWC-J01	REA-2	32398	21
13011-PY3-003	PY3	32415	24
13011-PY3-003/cyl	C32A	32385	24
13011-PY3-004/cyl	C32A	32385	24
13011-PY3-Y01/cyl	C32A	32385	24
13011-PY3-Y02/cyl	C32A	32385	24
13011-PZ3-003	PZ3	32409	20
13011-R70-A01	R70	32413	24
13011-RAD-004	RAD	32406	24
13011-RAF-S01	K24A4	32404	24
13011-RB1-004	RB1	32414	20
13011-RCA-A01	J30A4	32403	24
13011-REA-F01/cyl	REA	32397	21
13011-REA-Z01	REA-2	32398	21
13011-RL0-G00	N22A1	32417	23
13011-RNA-A01	RNA	32402	22
13011-RNA-A02	RNA	32402	22
13011-RZP-003	RZP	32411	22
13011-RZP-004	RZP	32411	22
13011-UD020	3Z	36051	96
13012-RL0-G00	N22A1	32417	23
13013-78C00-71	3Z	36051	96
13013-B1010	K3	31049	9
13015-78C00-71	3Z	36051	96
13019-1010B/cyl	J05C	32271	14
13019-1010B/cyl	J05C	32298	14
13019-1010B/cyl	J08C	32263	14
13019-1030B/cyl	P11C	32264	16
13019-1140A/cyl	EC100	32204	11
13019-1160A/cyl	W04C-T	32277	11
13019-1180A/cyl	W04C-TI	32286	11
13019-1190A/cyl	W04D-J	32287	11
13019-1370A/cyl	J05C	32271	14
13019-1370A/cyl	J05C	32298	14
13019-1380A/cyl	J05C-3	32270	14
13019-1380A/cyl	J07C-3	32269	14
13019-1380A/cyl	J08C-3	32268	14

Reference	Engine Model	TP No.	Page
13019-1510A	P11C	32264	16
13019-1520A/cyl	P11C	32264	16
13019-1540A/cyl	EM100	32283	16
13019-1580A	K13C	32251	17
13019-1610A/cyl	EV700	32233	18
13019-1700A	F17C	32248	18
13019-1700A	F17C	32279	18
13019-1710A/cyl	F20C	32267	18
13019-1720A/cyl	F20C-E	32278	18
13019-1730A/cyl	F21C	32276	19
1352-23-130	VA	33725	41
1363-23-206	HA	33735	43
14529-99014	RF8	80006	113
14529-Z9027	FE6T	80014	113
1456-23-206	S2	33744	42
23040-02500	G4HA	42016	100
23040-02510	G4HA	42016	100
23040-02511	G4HA	42016	100
23040-02700	80HC	42002	100
23040-02820	SANTRO	42036	100
23040-02950	PICANTO 1.1L	43021	104
23040-02970	PICANTO 1.1L	43021	104
23040-03000	G4LA	42055	100
23040-04100	1YO	43028	104
23040-21000	X11	42018	100
23040-21110	G4EK	42019	100
23040-22010	G4EK	42004	100
23040-22050	G4EK	42039	100
23040-22051	G4EK	42039	100
23040-22300	G4K	42003	100
23040-23000	BETA	42010	101
23040-23050	BETA	42010	101
23040-23100	J2	42006	101
23040-23150	G4GA	42008	101
23040-23200	BETA	42010	101
23040-23300	TUCSON	42033	101
23040-24010	X11	42018	100
23040-24200	G4EK	42019	100
23040-25000	G4KC	42040	101
23040-25050	G4KC LPG	42043	102
23040-25200	G4KC 2.4	42044	102
23040-26001	AVANTE 1.5	42025	100
23040-26002	G4EE	42032	100
23040-26101	G4ED	42030	100

Reference	Engine Model	TP No.	Page
23040-26160	ALPHA 1.6	42038	100
23040-27900	3A0	42034	101
23040-27920	D4EA	42049	101
23040-27950	D4EA	42049	101
23040-27960	D4EB	42048	102
23040-2A900	AVANTE XD	42047	100
23040-2B000	GAMMA	42045	101
23040-2B001	G4FA	42053	101
23040-2F930	R2.0L	42052	101
23040-2Y050	CARENS-2	43022	104
23040-32800	Y2	42020	101
23040-33030	G4R	42005	101
23040-33430	G4DM	42046	101
23040-37300	G6BA	42021	102
23040-38100	EF2.0	42013	101
23040-3E001	G6BA-2	42050	102
23040-41000	D4AF	42017	102
23040-41060	D4AF	42017	102
23040-41200	D4AF	42012	102
23040-41400	D4AE	42007	102
23040-42000	H100	42000	102
23040-42200	D4BA	42001	102
23040-42202	D4BA	42001	102
23040-42210	D4BA	42001	102
23040-42510	D4BH	42041	102
23040-42521	D4BF	42015	102
23040-42850	D4BF	42015	102
23040-4A900	D4CB	42037	102
23040-4X920	TERRACAN	42042	102
23430-84000	D6CA	42028	103
23430-84410	D6CB	42029	103
23433-31500	G31	33883	46
2992540	DUCATO 88	50067	106
30017-11000	8DB	31605	56
30017-71002	6DB	31604	56
30017-71003	6DB	31604	56
30017-75002	6DB	31604	56
30017-75003	6DB	31604	56
30317-11011	4DR-10	31607	51
30615-51011	4DQ5	33865	50
30617-5011	8DC11	33915	59
30617-5011	8DC11	33978	60
30617-51011	4DQ5	33865	50
30817-01006	6DS1	31603	54

Reference	Engine Model	TP No.	Page
30817-31000	6DS5	31606	54
30917-01012	6D20	33852	57
30917-01013	6D20	33852	57
30917-20010	6D22	33868	58
31217-02010	8DC-2	33827	58
31217-60012	8DC-6	33849	59
31617-02012	4DR-5	33836	53
31617-02013	4DR-5	33836	53
31617-05102	4DR-5	33836	53
31617-05103	4DR-5	33836	53
31717-12012	6DR-5	31609	53
31717-12013	6DR-5	31609	53
31A17-00010	3SL,4SL	33442	47
32A17-02010	S4S	33984	54
3311-1205-05	DK10,20	32208	15
3334-1205-09	EB300	32217	15
3352-120507	DM100	32211	11
3352-193901	DM100	32211	11
3391-1205-04	EF100	32219	16
3400-1205-09	ED100	32218	16
34417-11011	S4E	33975	53
34417-11011	S4E-2	33455	53
3763-23-130	VB,NA	33719	40
38003-0110	EA63	35509	78
38003-4300	EA71	35510	78
38003-4320	EA71	35510	78
3975-23-130	VC	33728	41
406.1000100	406	50090	107
421.1000100	421	50091	107
48003-5400	EK23	35514	78
48003-5600	E42	35520	78
48003-5610	E42	35520	78
48003-5700	EF10	35521	78
48003-7000	EA65	35516	78
48003-7100	EA81-2	35517	78
48003-7101	EA65-2	35522	78
5-12121-001-0/cyl	4BA-1	32529	30
5-12121-001-0/cyl	4BA-1	62529	30
5-12121-002/cyl	4/6BB1	32683	33
5-12121-002/cyl	6BB-1	32542	33
5-12121-004/cyl	4BC-1	32558	32
5-12121-004/cyl	4BC-1	62558	32
5-12121-004/cyl	4BC-1	62560	32
5-12121-005/cyl	4BB-1	32545	32

Reference	Engine Model	TP No.	Page
5-12121-005/cyl	4/6BB1	32683	33
5-12121-006/cyl	6BF-1	32559	33
5-12121-006/cyl	6BF-1	62559	33
5-12121-007-0/cyl	C240	32527	27
5-12121-007-0/cyl	C240	62527	27
5-12121-007-0/cyl	C240	32600	27
5-12121-008-0	C190G	32648	27
5-12121-011-0/cyl	3AE-1	32565	25
5-12121-012-0/cyl	3AF-1	32564	25
5-12121-013/cyl	C221	32521	26
5-12121-014/cyl	C221	32521	26
5-12121-017/cyl	C223	32557	28
5-12121-019/cyl	4BA-1	32529	30
5-12121-019/cyl	4BA-1	62529	30
5-12121-021-0/cyl	C190-2	32569	27
5-12121-022/cyl	4/6BB1	32683	33
5-12121-022/cyl	6BB-1	32542	33
5-12121-055/cyl	4/6BB1	32683	33
5-12121-055/cyl	6BB-1	32542	33
5-12181-003/cyl	4BB-1	32545	32
5-12181-003/cyl	4/6BB1	32683	33
5-12181-015/cyl	C221	32521	26
5-12181-020/cyl	D500	32524	30
5-12181-020/cyl	D500	62524	31
5-12181-023/cyl	4/6BB1	32683	33
5-12181-023/cyl	6BB-1	32542	33
5-12181-024/cyl	4BB-1	32545	32
5-12181-024/cyl	4/6BB1	32683	33
5-12181-025/cyl	4BA-1	32529	30
5-12181-025/cyl	4BA-1	62529	30
5-12181-027-0/cyl	C240	32527	27
5-12181-027-0/cyl	C240	62527	27
5-87310-519-0	4JK1	32647	29
65.02503-8058	DB58 102	44007	110
65.02503-8146	1146	41003	98
65.02503-8236	2366	41006	99
65.02503-8251	2848 M	41004	99
65.02503-8252	2848 NEW	41005	99
65.02503-8255	2848	44009	110
6650300524	D20DT	50079	109
71713060	MAREA 82 4CYL	50038	106
7701474857	RENAULT 79.5	50065	109
8-92062-027-0/cyl	X22SE	32678	28
8-92064-589-0/cyl	22LE	32661	28

Reference	Engine Model	TP No.	Page
8-92064-591-0/cyl	C22-NE	32635	27
8-92065-115-0/cyl	X22SE	32679	28
8-93359-241	D-MAX 2.4L	32657	28
8-94100-355/cyl	C223	32557	28
8-94104-949-0/cyl	C190-2	32569	27
8-94109-650-0/cyl	4XC1-H	32591	25
8-94119-545-0/cyl	4ZC-1	32573	28
8-94130-293-0/cyl	G161-2	32570	26
8-94130-295/cyl	G200ZN	32577	28
8-94136-778-0/cyl	4ZD-1	32579	29
8-94139-973/cyl	4FB-1	32556	26
8-94141-443-0/cyl	G180-2	32572	26
8-94141-947-0/cyl	4XC1	32590	25
8-94144-187-0/cyl	4EC1	32589	25
8-94153-966-0/cyl	4ZD-1	32579	29
8-94162-769-0/cyl	4XC1-H	32591	25
8-94169-748-0	4FE1	32659	25
8-94206-294/cyl	G161Z	32534	26
8-94208-205-0/cyl	G180Z	32536	26
8-94216-639/cyl	G161Z	32534	26
8-94216-640/cyl	G180Z	32536	26
8-94216-641/cyl	G200	32555	28
8-94224-221/cyl	4FB-1	32556	26
8-94231-817-0/cyl	G200ZN	32577	28
8-94235-877-0/cyl	G180-2	32572	26
8-94235-878-0/cyl	4ZC-1	32573	28
8-94244-403-0/cyl	G161-2	32570	26
8-94244-404-0/cyl	G180-2	32572	26
8-94247-867-0/cyl	4JA-1	32575	29
8-94247-867-0/cyl	4JA-1	62575	29
8-94247-867-0/cyl	4JB1	32612	29
8-94249-218-0/cyl	G180-2	32572	26
8-94250-730/cyl	4FD1	32650	28
8-94253-736-0/cyl	C223-2	32574	28
8-94332-767-1/cyl	4EC1	32589	25
8-94370449-0	4JG2-2	32691	30
8-94378-440-0/cyl	3KR1	32592	25
8-94379-486-0/cyl	4JG1	32636	30
8-94381-709-1/cyl	4EE1,4EE2	32613	25
8-94390-529-1/cyl	6HE1-TC	32638	34
8-94390-799-0/cyl	6HH1	32627	35
8-94390-799-0/cyl	6HH1	32646	35
8-94392-128-1	6HH1-2	32701	35
8-94395-061-5/cyl	6HE1-TC	32638	34

Reference	Engine Model	TP No.	Page
8-94396-840-0/cyl	6HE1	32606	34
8-94405-614-2/cyl	4ZE1	32596	29
8-94409-555-0/cyl	4ZC-1	32573	28
8-94411-295-1/cyl	3KC1	32588	25
8-94411-305-0/cyl	3KB1	32586	25
8-94418-918-0/cyl	4BE-1	32602	33
8-94418-918-0/cyl	4BE-1	62602	33
8-94421-650-0/cyl	3KR1	32592	25
8-94446-957-1/cyl	4ZE1	32594	29
8-94447-415-0/cyl	G200ZN	32577	28
8-94452-743-0/cyl	4ZA1	32605	26
8-94469-634-0/cyl	4FG1	32598	29
8-97028-691-0/cyl	4HF1	32608	34
8-97034-609-0/cyl	4LB1	32630	25
8-97037-372-0/cyl	6VD1-EXP	32675	29
8-97048-921-0/cyl	3LA1	32620	25
8-97078-779-0/cyl	4HE1	32677	34
8-97080-215-0/cyl	4JG2	32607	30
8-97105-867-0/cyl	4HK1-TC	32631	34
8-97105-867-0/cyl	4HK1/6HK1	32682	35
8-97109-462-0/cyl	4HF1	32604	34
8-97113-503-0/cyl	3LD1	32622	26
8-97113-762-0/cyl	3LB1	32621	25
8-97117-686-0/cyl	4BD2	32639	32
8-97123-833-0/cyl	4BG1	32618	33
8-97127-562-0/cyl	6VD1	32614	29
8-97136-135-0/cyl	6VD1(98MY)	32674	29
8-97141-208-0/cyl	4LE1	32624	27
8-97162-198-0/cyl	6VD1	32614	29
8-97170-113-0/cyl	6VD1-2	32629	29
8-97184-533-0	4JX1	32680	30
8-97219-054-0/cyl	4HK1-TC	32631	34
8-97219-054-0/cyl	4HK1/6HK1	32682	35
8-97259-941-0	D-MAX 2.4L	32657	28
8-97259-941-0	D-MAX 3.0	32644	30
8-97319-087-0	4JK1	32647	29
8-97331-641-0/cyl	4HL	32658	35
8-97371-553-0/cyl	6VE1	32628	29
8-97388-734-0/cyl	4JJ1	32634	30
8-97601-318-1	6HL1-TC	32696	35
8-97603-423-1/cyl	4HK1/6HK1	32682	35
8-97603-423-1/cyl	6HK1-TC	32632	35
8-97941-122-0/cyl	4JH1	32623	30
8-98017-166-0/cyl	4HK1-X	32663	34

Reference	Engine Model	TP No.	Page
8-98017-166-0/cyl	4HK1-X	32684	34
8-98017-166-0/cyl	4HK1X	32692	34
8-98040-125-0/cyl	4HK1/6HK1	32682	35
8-98040-125-0/cyl	6HK1-TC	32632	35
8-98053579-0	4JJ1-2	32652	30
8-98054-995-0	4HG1-T	32645	35
8-98054-995-0	4HG1-T	32685	35
8-98057-222-0	4JJ1TC	32664	30
8-98096-676-0/cyl	4JJ1	32634	30
8-98114-299-0/cyl	4LE1T/LE2X	32669	27
80 00372 1 0 000	SMART	50037	107
8034-23-130	TC(NEW)	33739	39
8034-23-130A	TC(NEW)	33739	39
8170-23-130	NA(NEW)	33742	40
8170-23-130A	NA(NEW)	33742	40
8569-23-130	UC	33741	40
8569-23-130A	UC	33741	40
8658-23-130	NA(NEW)	33742	40
8682-23-130	VC(NEW)	33737	41
8682-23-130A	VC(NEW)	33737	41
8950580000	CYPA	50084	111
895085000	VW BORA	50075	110
9-12181-028/cyl	DA640	32507	31
9-12181-048/cyl	DA640	32507	31
9-12181-057/cyl	C220	32502	26
9-12181-062/cyl	C220	32502	26
9-12181-063/cyl	DA120	32506	31
9-12181-064/cyl	DA640	32507	31
9-12181-083/cyl	DH100A	32519	36
9-12181-086/cyl	DH100A	32519	36
9-12181-091/cyl	DA120	32506	31
9-12181-092/cyl	DA640	32507	31
9-12181-093/cyl	DA220	32505	31
9-12181-099/cyl	D370	32516	29
9-12181-100/cyl	C220	32502	26
9-12181-113/cyl	G161Z	32534	26
9-12181-114/cyl	DH100A	32519	36
9-12181-115/cyl	D920	32522	36
9-12181-122/cyl	C221	32521	26
9-12181-137/cyl	D920	32541	37
9-12181-138/cyl	C240	32528	27
9-12181-138/cyl	C240	62528	27
9-12181-138-0/cyl	C240	32601	28
9-12181-141/cyl	G161Z	32534	26

Reference	Engine Model	TP No.	Page
9-12181-149/cyl	E120	32525	37
9-12181-153/cyl	D920	32522	36
9-12181-602/cyl	G201	32538	28
9-12181-603/cyl	C240	32527	27
9-12181-603/cyl	C240	62527	27
9-12181-603/cyl	C240	32600	27
9-12181-605/cyl	G180Z	32536	26
9-12181-608/cyl	D500	32524	30
9-12181-608/cyl	D500	62524	31
9-12181-615/cyl	G180Z	32536	26
9-12181-616/cyl	G161Z	32534	26
9-12181-801/cyl	4BA-1	32529	30
9-12181-801/cyl	4BA-1	62529	30
9-3845-00	K9K	50081	109
92062817	E-TEC	41015	98
92067238	OPTRA	41009	98
93235611	CORSA 1.6L	50032	106
93332835	E-TEC I 1.8L	50078	106
93736247	SAIL	50059	106
93740229	AVEO-2	41013	98
93740225	AVEO 1.6	41011	98
93742700	T18SED	41018	98
93742961	T200	41010	98
96325192	4EA	41008	98
96325192	F8CV	41012	98
96325192	F8CV-2	41017	98
97011-02139	ED30	34609	72
992-5113-1410-00	DG(OLD)	31022	10
AA100-11-120	TOWNER 70	44001	106
AA92A-11120	F17-2	32274	18
B1Y1-11-SCOA	B1	33756	39
B1YO-11-SCO	B1	33756	39
B3Y1-11-SCOA	B3	33757	39
B3YO-11-SCO	B3	33757	39
B6Y3-11-SCOA	B6	33759	40
B6Y6-11-SCOA	B6	33759	40
B6YO-11-SCOA	B6-2	33793	40
BPY1-11-SCO	BP	33769	41
D27Z6149	VB,NA	33719	40
D77Z6108	VB,NA	33719	40
D97Z-6149	VC(NEW)	33737	41
E101-23-130	E1	33752	39
E301-23-130	E3	33743	40
E301-23-130A	E3	33743	40

Reference	Engine Model	TP No.	Page
E302-23-130A	E5-2	33750	40
F2Y1-11-SCO	FE	33800	42
F2Y2-11-SCO	FE	33800	42
F601-23-130	F6	33748	41
F801-23-130	F8	33747	42
F801-23-130A	F8	33747	42
FORD:AS7J6148BA	LF-DE	33790	42
FSY2-11-SCO	FS	33761	41
FSY2-11-SCOA	FPD, FSD	33791	41
FSY2-11-SCOA	FS	33762	41
G601-11-SCOA	G6	33784	42
H604-23-130	NA(NEW)	33742	40
H617-23-130	NA-2	33746	40
HE05-23-130	MA-2	33745	41
HE18-23-130	VC(NEW)	33737	41
K1YH-11-SCO	PRIDE1.3	43008	104
K2Y2-11-SCO	AVELLA	43023	104
K2YA-11-SCO	AVELLA	43023	104
K4Y0-11-SCO	SL	33801	43
K4Y1-11-SCO	K3600	43011	105
K7Y0-11-SCO	NB1(NEW)	43024	105
K8Y2-11-SCO	K8-DE	33803	39
K9Y1-11-SCO	KV20	43015	104
KK1Y8-11-SCO	B1	43002	104
KLY2-11-SCOA	KL	33768	41
L3Y1-11-SCOA	LF-DE	33790	42
L3Y3-11-SCO	LF-DE	33790	42
L3Y6-11-SCO	LF-DE	33790	42
LFY1-11-SCOA	LF-DE	33790	42
MD000725	4G32	33832	47
MD000770	4G30	33830	45
MD003184	4G35	33840	48
MD004709	4G32	33832	47
MD004739	4G32	33832	47
MD004770	4G32	33832	47
MD004835	4G35	33840	48
MD005885	4G32	33832	47
MD007251	4G32	33832	47
MD008105	4G32	33832	47
MD009539	4G36-EC	33880	45
MD009625	4G33	33856	45
MD010710	4G41	33839	47
MD010715	4G41	33839	47
MD010755	4G42	33841	45

Reference	Engine Model	TP No.	Page
MD010850	4G42	33841	45
MD011810	2G25	33891	47
MD011893	4G41	33839	47
MD011965	2G23	33894	45
MD012025	G12	33859	46
MD012035	G12	33859	46
MD012765	G32-T	33870	47
MD016760	2G21	33844	44
MD016765	2G21	33844	44
MD018280	2G24	33882	46
MD019470	2G22	33847	44
MD019610	2G23	33855	44
MD021010	4G52	33845	50
MD021035	4G52	33845	50
MD021070	4G52	33845	50
MD023060	4G51	33842	49
MD025000	4G53	33846	51
MD025089	G54	33860	52
MD026835	G54	33860	52
MD026960	G54	33860	52
MD026985	4G53	33846	51
MD027010	4G52	33845	50
MD027140	G54	33860	52
MD030350	4G11	33858	44
MD030355	G12	33859	46
MD030360	4G11-G	33857	44
MD031670	4G11	33858	44
MD031700	G12	33859	46
MD031730	4G11-G	33857	44
MD034010	4G33-H	33907	46
MD040465	G62-T	33871	48
MD040610	G62B	33863	48
MD040640	4G63	33866	50
MD040840	4G63	33866	50
MD041580	4G63	33866	50
MD050390	4D56-TC	33862	51
MD050395	4D55-NA	33861	51
MD061258	G54-T	33872	52
MD062387	G32-T	33870	47
MD071206	4D6	33878	48
MD071206	4D65	33904	48
MD074687	G13-B	33875	45
MD074725	G15-B	33876	46
MD076170	G54-U	33931	53

Reference	Engine Model	TP No.	Page
MD077113	G62-T	33871	48
MD078209	4D6	33879	48
MD078309	4D6	33879	48
MD078543	G13-B	33875	45
MD078548	G15-B	33876	46
MD080598	G54-T	33872	52
MD083152	2G25	33891	47
MD085346	4G64B	33935	51
MD093337	G32-T	33870	47
MD099430	G32-T	33870	47
MD100467	4G63	33892	50
MD101895	G54-C	33929	52
MD103391	4D56-TC	33862	51
MD104656	G15-B	33876	46
MD104889	6G71	33400	46
MD104922	6G72-C	33890	52
MD104923	6G72-C	33890	52
MD104939	6G72-C	33890	52
MD104940	6G72-C	33890	52
MD105516	4G63	33892	50
MD106028	4G37	33885	48
MD106736	G62B	33863	48
MD106741	4G32	33832	47
MD106752	G54-T	33872	52
MD107368	G31	33883	46
MD107813	G54	33860	52
MD107818	G54	33860	52
MD110632	4G32-2	33884	47
MD115490	G13-B	33875	45
MD115495	4G11-G	33857	44
MD115500	4G33-C	33895	45
MD116000	4D65	33889	48
MD120081	3G82	33896	44
MD127017	4D65	33904	48
MD127022	4D6	33878	48
MD127022	4D65	33904	48
MD129548	6G72-C	33890	52
MD133485	4G63EX	33414	50
MD133495	4G61	33932	49
MD136692	4D6	33879	48
MD140923	4G63K	33924	50
MD154012	4G37-EC	33954	48
MD156165	G15-C	33432	46
MD156170	4G13-C	33401	45

Reference	Engine Model	TP No.	Page
MD158334	6G72	33920	52
MD158549	4G15(NEW)	33898	46
MD158908	4G13(NEW)	33897	45
MD159836	6G73	33433	49
MD160195	3G83-N	33974	44
MD165325	4G17	33900	45
MD165949	6G72-2	33965	52
MD168293	4D56-IC/TC	33921	51
MD173206	4G92	33902	49
MD173211	4G92	33902	49
MD177113	4G91	33945	48
MD180348	4G93-GDI	33955	49
MD180804	4G15(NEW)	33898	46
MD187168	4G15L	33403	46
MD189104	6A12-NA	33940	48
MD189109	6A11-S4	33998	46
MD189119	6A12 T/C	33424	48
MD192815	4G64	33936	50
MD194597	4G64	33936	50
MD195810	4G63(NEW)	33919	50
MD195828	4G64-S	33957	51
MD195850	4G63K	33924	50
MD195872	4G64	33925	50
MD197162	4D68-NA	33905	49
MD197187	4D68T	33963	49
MD300569	6G74	33933	53
MD301803	6G72	33920	52
MD301853	4A30	33973	44
MD301870	4A30T	33971	44
MD302644	6A12	33941	48
MD310257	6G73	33951	49
MD313405	4G63(NEW)	33919	50
MD322783	6G74-S4	33981	53
MD323843	6G72-MIVEC	33429	52
MD329755	6G72,S2,S4	33428	52
MD331313	4G15-S3	33946	46
MD335422	4G13-N	33944	45
MD336735	6A13-S4	33967	49
MD336736	6A13-D4,T/C	33425	49
MD339229	6A13-D4,T/C	33425	49
MD344094	6A13-S4	33967	49
MD344095	6A13-S4	33967	49
MD349422	4G18	33934	47
MD351097	6G73	33951	49

Reference	Engine Model	TP No.	Page
MD354879	6G72	33920	52
MD355642	6G74-MIVEC	33415	53
MD357240	4G93-GDI	33955	49
MD361982	4G18-2	33937	47
MD361983	4G18-3	33938	47
MD362974	3G83-N	33972	44
MD366688	6G74-GDI 93	33416	53
MD369253	6G74-MIVEC	33415	53
MD369575	6G74	33933	53
MD370494	6G73-GDI	33434	49
MD371157	4G94-S4	33966	49
MD371189	4G94-S4	33966	49
MD374009	6G72-S4	33408	52
MD377324	4G69	33983	51
ME012010	4D30	33943	55
ME012070	4D30	33943	55
ME012848	4D31T	33912	55
ME020382	6DS1	31603	54
ME020427	6DS5	31606	54
ME021376	6DS1	31603	54
ME021382	6DS5	31606	54
ME021855	6DS3	31610	54
ME021856	6DS5	31606	54
ME021861	6DS7	31611	54
ME021861	6DS7-3	31613	55
ME023327	6DS3	31610	54
ME023327-2	6DS3	31610	54
ME023333	6DS7	31612	55
ME023333-2	6DS7	31612	55
ME024409	6DS7	31611	54
ME024409	6DS7-3	31613	55
ME032071	6D14	33851	56
ME032190	6D10	33850	55
ME032190-01	6D10	33850	55
ME032260	6D14	33851	56
ME032326	6D10	33850	55
ME032403	6D15	33867	56
ME032404	6D10	33850	55
ME032404	6D14	33851	56
ME032458	6D14	33851	56
ME052124	6D22	33868	58
ME052145	6D20B	33881	58
ME052758	6D22-C	33958	58
ME052787	6D22T	33927	58

Reference	Engine Model	TP No.	Page
ME052889	6D22-T	33916	58
ME062018	8DC-9	33869	59
ME062022	8DC-81	33874	59
ME062086	8DC-6	33849	59
ME062090	8DC-9	33888	59
ME062109	8DC-2	33827	58
ME062230	8DC-9	33869	59
ME062246	8DC-81	33874	59
ME062298	8DC-4	33873	59
ME065684	8DC-81	33874	59
ME072306	6D15	33867	56
ME090578	8DC91T	33913	59
ME090582	8DC10	33459	59
ME090586	8DC11	33915	59
ME090586	8DC11	33978	60
ME120536	6D40-T	33439	59
ME190317	4M42	33968	54
ME201522	4M40	33982	54
ME202148	4M40-TC	33952	54
ME202342	4M40-NA	33922	54
ME202940	4M40-T	33447	54
ME202950	4M40-NA	33922	54
ME203533	4M41-TI	33956	55
ME990062	N6M60T	33437	57
ME990063	N6M60T	33438	57
ME993211	4M42	33968	54
ME993212	4M42	33968	54
ME993913	4M50	33443	57
ME993947	6M60T	33953	57
ME993948	6M60T	33953	57
ME993950	6M60T	33436	57
ME995113	4M51-2	33970	57
ME995114	4M51-2	33970	57
ME995115	4M51-2	33970	57
ME995214	4D35-2	33456	56
ME995237	4D35	33959	56
ME995467	6D22-T	33916	58
ME995535	6D16TL	33413	57
ME995536/cyl	6D16TL	33413	57
ME9955608/cyl	6M61	33451	57
ME995562	6M61	33451	57
ME995590	4M50	33443	57
ME995591	4M51	33969	57
ME995592	4M51	33969	57

Reference	Engine Model	TP No.	Page
ME995593	4M51	33969	57
ME995636	6D24T	33960	58
ME995855/cyl	6M70	33457	59
ME995857	6M70	33457	59
ME996163	8M20	33452	60
ME996167	8M21	33453	60
ME996378	4D33A	33923	56
ME996442	6D34T	33441	55
ME996591	6D16T	33942	57
ME996593	6D17	33976	57
ME996628	4D35	33959	56
ME997240	4D34	33950	55
ME997256	4DR7	33909	54
ME997318	4D32	33939	55
ME997396	4D31T	33912	55
ME997398	4D31T	33912	55
ME997456	6D15T	33961	56
ME997465	6D14T	33928	56
ME997466	6D15T	33961	56
ME999540	6D16	33893	57
ME999641	4D32	33939	55
ME999717	6D31	33947	55
ME999783	6D31T	33948	55
ME999836	6D31T	33948	55
ME999929	6D15T	33961	56
ME999952	6D14-2	33448	56
ME999954	6D15T	33961	56
ME999955	6D16	33893	57
ME999955	6D16	33910	57
ME999990	8DC11	33915	59
ME999990	8DC11	33978	60
MM431579	K3,4E	33445	47
MM433152	L2E,L3E	33987	47
MM437295	K4F-DT	33985	48
MM438689	K4N	33986	51
MN119569	4G19 75.5	33405	46
MN119685	6G74-GDI-1 93	33410	53
MN149594	4G63S	33980	50
MN183585	4G94-S4	33966	49
MN183867	6G75	33993	54
MN187178	4G94-S4	33966	49
MN187179	4G94-S4	33966	49
MN187664	6G72-GDI-3	33407	52
MN187669	6G73-GDI-3	33406	50

Reference	Engine Model	TP No.	Page
MN187677	6G74-GDI-2 93	33411	53
MN187678	6G74-GDI-2 93	33411	53
MN187679	6G74-GDI-2 93	33411	53
MN195612	4A91	33450	46
MN433712	L2C,L3C	33446	45
MN433713	L2E	33444	47
NP1015	1.5L	41001	98
NP1016	1.5L	41001	98
NP960	1.5L	41001	98
PN11-11-SCO	PN	33755	40
R201-23-130A	R2	33751	42
R201-23-130B	R2	33751	42
R2B6-11-SCO	R2(New)	33760	42
RFO1-23-130	RFX	33789	42
RFYO-11-SCOD	RFX	33789	42
S1110A966	4G69-2	33449	51
S1220014	AVEO 1.6	41011	98
S1301-14070-B	S05D	32285	15
S1301-91910-B/cyl	S05D	32285	15
S1301-92080	J08ET	32295	14
S1304-E0040	J08C-4	32294	14
S1304-E0060	W04D-J	32287	11
S1304-E0070/cyl	YL86	32284	14
S1304-E0150/cyl	J05D-TB	32272	13
S1304-E0150/cyl	J05D-TB	32297	13
S1304-E0210	J05C	32271	14
S1304-E0210	J05C	32298	14
S1304-E0240	W04C-T	32277	11
S1304-E0251	1W	36029	97
S1304-E170	W04C-TI	32286	11
SE01-23-130	HA	33735	43
SE01-23-206	HA	33735	43
SL01-23-206A	SL	33785	43
SL07-23-206	SL	33765	43
SL07-23-206	SL	33801	43
SL50-11-SCO	SL	33801	43
TF01-11-SCO	TF	33766	43
TMYO-11-SCO	TM	33780	43
V101-23-206	ZB,XB	33767	43
VSY1-11-SCOD	VS	33794	43
W9Y1-11-SCO	W9	33783	43
WEY1-11-SCO	WE-2	33802	43
WLY1-11-SCO	WL	33781	43
WLY6-11-SCO	WE	33799	43

NUMERICAL LISTING (TP No.)

MOTORTEILE.RU

TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page
31016	8	32201	12	32273	12	32378	23	32518	32	32588	25
31022	10	32202	13	32274	18	32380	23	32519	36	32589	25
31024	9	32203	11	32275	16	32381	21	32521	26	32590	25
31026	10	32204	11	32276	19	32383	23	32522	36	32591	25
31027	8	32206	12	32277	11	32384	23	32524	30	32592	25
31028	9	32208	15	32278	18	32385	24	32525	37	32594	29
31030	10	32211	11	32279	18	32386	23	32526	38	32596	29
31031	10	32215	15	32282	15	32387	23	32527	27	32597	33
31032	10	32217	15	32283	16	32388	23	32528	27	32598	29
31033	8	32218	16	32284	14	32389	24	32529	30	32600	27
31035	9	32219	16	32285	15	32390	24	32534	26	32601	28
31036	10	32220	17	32286	11	32391	22	32536	26	32602	33
31037	9	32222	12	32287	11	32392	22	32538	28	32603	36
31038	9	32225	17	32292	17	32393	24	32540	31	32604	34
31040	8	32226	17	32293	18	32394	23	32541	37	32605	26
31041	8	32227	17	32294	14	32395	23	32542	33	32606	34
31043	10	32230	15	32295	14	32396	23	32543	38	32607	30
31045	10	32231	15	32296	11	32397	21	32545	32	32608	34
31046	10	32233	18	32297	13	32398	21	32546	32	32610	37
31048	9	32235	11	32298	14	32399	24	32548	35	32612	29
31049	9	32236	12	32300	14	32400	21	32550	38	32613	25
31050	8	32237	12	32301	13	32401	20	32555	28	32614	29
31051	9	32239	13	32302	14	32402	22	32556	26	32618	33
31052	9	32247	13	32333	20	32403	24	32557	28	32620	25
31053	8	32248	18	32345	20	32404	24	32558	32	32621	25
31055	9	32250	17	32346	20	32405	20	32559	33	32622	26
31056	8	32251	17	32347	21	32406	24	32562	36	32623	30
31057	8	32252	18	32351	21	32407	21	32564	25	32624	27
31059	9	32253	18	32355	20	32408	20	32565	25	32625	32
31060	9	32254	13	32357	22	32409	20	32567	36	32626	33
31061	9	32255	12	32358	20	32410	24	32568	37	32627	35
31062	8	32256	13	32359	20	32411	22	32569	27	32628	29
31063	8	32258	11	32360	22	32413	24	32570	26	32629	29
31064	8	32259	14	32362	21	32414	20	32572	26	32630	25
31603	54	32261	12	32363	20	32415	24	32573	28	32631	34
31604	56	32262	13	32364	21	32416	23	32574	28	32632	35
31605	56	32263	14	32367	22	32417	23	32575	29	32633	37
31606	54	32264	16	32368	22	32502	26	32577	28	32634	30
31607	51	32267	18	32370	22	32505	31	32579	29	32635	27
31609	53	32268	14	32372	23	32506	31	32580	35	32636	30
31610	54	32269	14	32373	24	32507	31	32582	36	32637	36
31611	54	32270	14	32374	23	32508	36	32584	36	32638	34
31612	55	32271	14	32375	21	32516	29	32585	37	32639	32
31613	55	32272	13	32376	21	32517	31	32586	25	32640	28

TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page
32641	37	33408	52	33714	40	33788	41	33871	48	33928	56
32642	37	33409	52	33715	39	33789	42	33872	52	33929	52
32643	31	33410	53	33717	39	33790	42	33873	59	33930	44
32644	30	33411	53	33719	40	33791	41	33874	59	33931	53
32645	35	33412	53	33721	42	33793	40	33875	45	33932	49
32646	35	33413	57	33723	42	33794	43	33876	46	33933	53
32647	29	33414	50	33724	39	33795	41	33878	48	33934	47
32648	27	33415	53	33725	41	33799	43	33879	48	33935	51
32650	28	33416	53	33726	40	33800	42	33880	45	33936	50
32652	30	33417	50	33728	41	33801	43	33881	58	33937	47
32657	28	33422	55	33730	42	33802	43	33882	46	33938	47
32658	35	33423	55	33731	43	33803	39	33883	46	33939	55
32659	25	33424	48	33735	43	33804	39	33884	47	33940	48
32661	28	33425	49	33737	41	33827	58	33885	48	33941	48
32662	37	33428	52	33739	39	33830	45	33888	59	33942	57
32663	34	33429	52	33741	40	33832	47	33889	48	33943	55
32664	30	33430	52	33742	40	33836	53	33890	52	33944	45
32669	27	33432	46	33743	40	33839	47	33891	47	33945	48
32674	29	33433	49	33744	42	33840	48	33892	50	33946	46
32675	29	33434	49	33745	41	33841	45	33893	57	33947	55
32677	34	33436	57	33746	40	33842	49	33894	45	33948	55
32678	28	33437	57	33747	42	33844	44	33895	45	33950	55
32679	28	33438	57	33748	41	33845	50	33896	44	33951	49
32680	30	33439	59	33750	40	33846	51	33897	45	33952	54
32681	34	33441	55	33751	42	33847	44	33898	46	33953	57
32682	35	33442	47	33752	39	33849	59	33900	45	33954	48
32683	33	33443	57	33755	40	33850	55	33902	49	33955	49
32684	34	33444	47	33756	39	33851	56	33904	48	33956	55
32685	35	33445	47	33757	39	33852	57	33905	49	33957	51
32688	31	33446	45	33759	40	33855	44	33907	46	33958	58
32691	30	33447	54	33760	42	33856	45	33909	54	33959	56
32692	34	33448	56	33761	41	33857	44	33910	57	33960	58
32695	34	33449	51	33762	41	33858	44	33912	55	33961	56
32696	35	33450	46	33765	43	33859	46	33913	59	33963	49
32697	38	33451	57	33766	43	33860	52	33915	59	33965	52
32698	38	33452	60	33767	43	33861	51	33916	58	33966	49
32699	38	33453	60	33768	41	33862	51	33919	50	33967	49
32701	35	33454	51	33769	41	33863	48	33920	52	33968	54
33400	46	33455	53	33780	43	33865	50	33921	51	33969	57
33401	45	33456	56	33781	43	33866	50	33922	54	33970	57
33403	46	33457	59	33783	43	33867	56	33923	56	33971	44
33405	46	33459	59	33784	42	33868	58	33924	50	33972	44
33406	50	33460	44	33785	43	33869	59	33925	50	33973	44
33407	52	33711	39	33787	40	33870	47	33927	58	33974	44

TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page
33975	53	34050	68	34103	68	34159	71	34501	74	35625	81
33976	57	34051	65	34104	72	34160	71	34502	75	35626	80
33977	51	34052	65	34105	70	34161	75	34503	75	35627	81
33978	60	34053	62	34106	75	34162	66	34504	76	35628	80
33979	51	34054	65	34107	76	34163	66	34606	62	35630	79
33980	50	34055	67	34108	76	34164	71	34608	67	35633	81
33981	53	34056	66	34109	76	34166	71	34609	72	35634	81
33982	54	34057	67	34110	77	34167	68	34610	72	35635	81
33983	51	34059	63	34111	67	34168	68	35223	78	35636	80
33984	54	34061	64	34112	63	34169	68	35224	78	35637	81
33985	48	34062	63	34114	69	34170	67	35509	78	35638	80
33986	51	34063	64	34115	74	34171	74	35510	78	35639	80
33987	47	34064	70	34116	71	34174	76	35514	78	35806	92
33991	50	34065	68	34118	72	34175	76	35516	78	35808	97
33992	51	34066	64	34120	73	34176	77	35517	78	35810	91
33993	54	34067	61	34121	73	34177	64	35520	78	35811	84
33995	44	34068	67	34122	75	34178	61	35521	78	35813	91
33996	49	34070	70	34123	76	34180	64	35522	78	35815	83
33998	46	34073	76	34124	76	34181	68	35569	79	35816	83
34001	61	34075	71	34125	73	34182	70	35570	80	35820	88
34007	67	34076	68	34126	73	34183	74	35572	79	35822	84
34009	74	34077	70	34129	67	34184	76	35573	79	35823	82
34017	69	34078	70	34130	70	34186	68	35574	79	35824	85
34019	63	34079	62	34131	64	34187	68	35576	79	35825	87
34020	69	34080	64	34132	70	34188	67	35579	79	35827	91
34022	65	34081	62	34134	70	34189	68	35580	80	35830	85
34023	65	34082	62	34135	70	34190	69	35582	79	35831	92
34025	63	34084	62	34136	72	34191	66	35583	81	35832	85
34028	66	34085	68	34137	71	34192	73	35584	80	35834	95
34030	69	34086	66	34143	69	34193	73	35586	80	35835	92
34031	63	34087	71	34144	61	34194	70	35587	80	35836	94
34032	64	34088	75	34145	72	34195	64	35592	80	35837	91
34034	66	34090	61	34146	72	34196	71	35598	80	35838	91
34035	65	34091	70	34147	69	34197	61	35610	81	35839	92
34036	63	34092	71	34149	69	34198	62	35611	81	35840	95
34037	62	34093	73	34150	68	34199	61	35614	80	35842	87
34038	62	34094	73	34151	76	34201	73	35615	81	35846	97
34039	66	34095	70	34152	73	34202	64	35616	80	35847	95
34040	67	34096	71	34153	73	34204	76	35617	81	35848	91
34042	67	34097	66	34154	74	34205	73	35618	79	35849	92
34044	72	34098	71	34155	75	34206	70	35619	79	35850	93
34045	72	34100	73	34156	76	34207	62	35620	79	35851	96
34048	75	34101	73	34157	72	34210	61	35621	79	35852	93
34049	75	34102	71	34158	71	34500	74	35622	79	35853	87

TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page
35854	84	35908	86	35959	94	36029	97	42016	100	43027	104
35855	97	35909	97	35960	88	36030	88	42017	102	43028	104
35856	93	35910	86	35961	95	36031	91	42018	100	44001	106
35857	84	35911	89	35962	88	36032	82	42019	100	44005	109
35858	83	35912	89	35963	88	36034	90	42020	101	44007	110
35859	86	35913	86	35964	89	36035	83	42021	102	44008	109
35860	86	35914	94	35965	89	36036	85	42025	100	44009	110
35861	85	35915	96	35966	89	36040	86	42028	103	50003	110
35862	93	35916	97	35967	92	36042	92	42029	103	50008	107
35863	83	35917	86	35968	94	36043	87	42030	100	50009	107
35864	85	35919	82	35969	97	36046	83	42032	100	50010	108
35865	87	35920	84	35970	95	36047	96	42033	101	50011	108
35866	87	35921	90	35971	96	36048	96	42034	101	50012	108
35867	94	35922	85	35973	83	36049	93	42036	100	50013	108
35869	89	35923	87	35974	83	36050	93	42037	102	50014	109
35876	85	35924	89	35975	84	36051	96	42038	100	50016	108
35877	89	35925	89	35976	86	41001	98	42039	100	50017	110
35878	82	35926	97	35977	86	41002	98	42040	101	50018	110
35879	82	35928	96	35981	83	41003	98	42041	102	50020	107
35880	87	35929	96	35984	88	41004	99	42042	102	50023	109
35881	94	35930	89	35986	93	41005	99	42043	102	50025	110
35882	94	35932	93	35987	96	41006	99	42044	102	50027	109
35883	82	35933	94	35988	90	41008	98	42045	101	50028	109
35884	82	35934	90	35989	86	41009	98	42046	101	50029	106
35885	88	35935	90	35991	82	41010	98	42047	100	50032	106
35886	93	35937	96	35995	88	41011	98	42048	102	50033	106
35887	93	35938	86	35996	86	41012	98	42049	101	50034	108
35889	95	35939	84	35997	88	41013	98	42050	102	50037	107
35890	97	35940	89	35998	90	41015	98	42052	101	50038	106
35891	97	35941	96	36000	90	41017	98	42053	101	50047	107
35892	96	35942	88	36002	95	41018	98	42055	100	50048	108
35893	86	35943	90	36003	83	42000	102	43002	104	50049	107
35894	84	35944	90	36004	95	42001	102	43008	104	50050	109
35895	97	35945	94	36006	82	42002	100	43011	105	50052	107
35896	83	35946	89	36009	88	42003	100	43012	104	50053	107
35898	94	35947	90	36010	96	42004	100	43015	104	50054	108
35899	94	35948	90	36015	96	42005	101	43019	104	50055	110
35900	87	35949	95	36016	89	42006	101	43020	104	50056	109
35901	95	35950	84	36019	82	42007	102	43021	104	50059	106
35902	88	35951	86	36020	90	42008	101	43022	104	50060	108
35903	97	35952	95	36021	84	42010	101	43023	104	50061	110
35904	88	35954	82	36026	90	42012	102	43024	105	50064	109
35905	91	35956	95	36027	90	42013	101	43025	104	50065	109
35907	85	35958	87	36028	94	42015	102	43026	104	50066	111

TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page	TP No.	Page
50067	106	80017	113						
50068	107								
50069	106								
50070	107								
50072	107								
50073	110								
50074	110								
50075	110								
50078	106								
50079	109								
50080	108								
50081	109								
50082	106								
50083	108								
50084	111								
50087	108								
50090	107								
50091	107								
50092	108								
50093	110								
61001	106								
62524	31								
62527	27								
62528	27								
62529	30								
62558	32								
62559	33								
62560	32								
62575	29								
62602	33								
80001	112								
80002	112								
80003	112								
80004	112								
80005	112								
80006	113								
80007	112								
80010	112								
80011	113								
80012	112								
80013	112								
80014	113								
80015	112								
80016	112								

MOTORTEILE.RU

NEW PACKAGING for CYLINDER LINERS

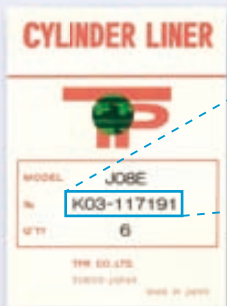
OLD



NEW

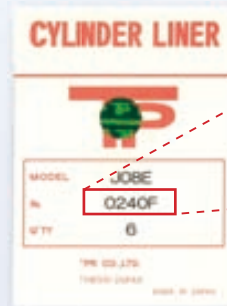


OLD



K03-117191

NEW



0240F

TPR has revised the design of our Product Packaging and amended the Part Numbers displayed on the Labels of our CYLINDER LINERS.

TPR CO.,LTD.

URL : <http://www.tpr.co.jp/>

MOTORTEILE.RU



TPR CO.,LTD.

Head Office : 1-6-2, MARUNOUCHI, CHIYODA-KU, TOKYO
100-0005, JAPAN
Phone:+81-3-5293-2817 FAX: +81-3-5293-2826
<Overseas Sales Dept.>
U R L :<http://www.tpr.co.jp/>