

● Gasoline-engine Automobiles ● ガソリン車 ●

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper / Lower	
LJ50	539	Carry Truck Carry Van	SBS20078ZZ	3	1st	61.0	1.2	2.45	K2	SR	Cr	Fe	12140-72811
					2nd	61.0	2.0	2.6	BF-K2	CR	Cr	Fe	12140-67011
F8A	797	New Jimny Carry Van	SWS20098ZZ	4	1st	62.0	1.5	2.8	BF	HB	Cr	Fe	12140-73010
					2nd	62.0	1.5	2.8	T1	CR	Fe	Fe	
					Oil	62.0	2.8	2.8	NIFF-S	SR	Cr	Fe	
F5A	543	Fronte 550	SWS20138ZZ	3	1st	62.0	1.5	2.8	BF	HB	Cr	Fe	12140-73000
					2nd	62.0	1.5	2.8	T1	CR	Fe	Fe	
					Oil	62.0	2.8	2.8	NIFF-S	SR	Cr	Fe	
F8A(NEW)	797	Jimny Carry Van	SWS20153ZZ	4	1st	62.0	1.2	2.25	BF-IB	SR	Cr	Fe	12140-85050
					2nd	62.0	1.2	2.5	TUC	CR	Fe	Fe	
					Oil	62.0	2.8	2.85	NIFF-S	SR	GN	GN	
F5A(NEW)	543	Fronte Cervo	SWS20184ZZ	3	1st	62.0	1.2	2.25	BF-IB	SR	Cr	Fe	12140-85050
					2nd	62.0	1.2	2.5	TUC	CR	Fe	Fe	
					Oil	62.0	2.8	2.85	NIFF-S	SR	GN	GN	
F6A	657	Alto Van Cervo	SWS20128ZZ	3	1st	65.0	1.2	2.3	BF-IB	SR	GN	GN	12140-51E50
					2nd	65.0	1.5	2.7	TUC	CR	Fe	Fe	
		Oil	65.0	2.5	2.5	NIFF-H	SR	GN	GN				
F6A	657	Alto Works RS/R AZ Wagon Kei	SWS20211ZZ	3	1st	65.0	1.2	2.3	BF-IB	SR	GN	GN	12140-50E50
					2nd	65.0	1.2	2.7	TUC	CR	Fe	Fe	
					Oil	65.0	2.5	2.5	NIFF-H	SR	GN	GN	
F6A-N	657	Alto	TCC-H-0004	3	1st	65.0	1.0		BF	SR	Cr	Fe	12140-51F10
					2nd	65.0	1.2		T1	CR	Fe	Fe	
					Oil	65.0	2.0		NIFF-H	SR	GN	GN	
F10A	970	Jimny	SWS20106ZZ	4	1st	65.5	1.5	2.5	BF	SR	GN	GN	12140-75111
					2nd	65.5	1.5	2.7	T1	CR	Fe	Fe	12140-75110(cyl)
					Oil	65.5	2.8	2.8	NIFF-S	SR	Cr	Fe	
K6A	658	Alto Jimny Kei	SWS20200ZZ	3	1st	68.0	1.0	2.25	BF-IB	SR	Cr	Fe	12140-73601
					2nd	68.0	1.2	2.5	TUC	CR	Fe	Fe	
					Oil	68.0	2.0	2.3	NIFF-H	SR	Cr	Fe	
K10A	996	Alto Works	SWS20206ZZ	4	1st	68.0	1.0	2.25	BF-IB	SR	Cr	Fe	12140-73G01-000
					2nd	68.0	1.2	2.5	TUC	CR	Fe	Fe	
					Oil	68.0	2.0	2.3	NIFF-H	SR	Cr	Fe	
SS80 Y64 Y65	796	Alto Fronte	SWS20120ZZ	3	1st	68.5	1.5	2.8	BF	HB	Cr	Fe	12140-78410
					2nd	68.5	1.5	2.8	T1	CR	Fe	Fe	12140-78411(cyl)
					Oil	68.5	2.8	2.8	NIFF-S	SR	Cr	Fe	

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						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower		
F8D	796	Alto	SWS20221ZZ (TCC-G-0115)	3	1st	68.5	1.2	2.65	BF-IB	SR	Cr	Fe	12140M84400	
					2nd	68.5	1.5	2.8	T1	CR	Fe	Fe		
					Oil	68.5	2.5	2.25	NIFF-H	SR	Cr	Fe		
K12A	1,197	Swift	SWS20205ZZ	4	1st	71.0	1.0	2.5	BF-IB	SR	GN	GN	12140-75F30-000	
					2nd	71.0	1.2	2.8	TUC	CR	Cr	Fe		
					Oil	71.0	2.0	2.5	NIFF-H	SR	GN	GN		
G10	993	Cultus Forza Swift	SWS20209ZZ	4	1st	72.0	1.2	2.7	BF-IB	SR	GN	GN	12140-72F00	
					2nd	72.0	1.5	3.2	TUC	CR	Fe	Fe		
					Oil	72.0	2.8	2.8	NIFF-H	SR	GN	GN		
K10B	996	Splash Alto Wagon R Multi Suzuki	SWS20223ZZ (TCC-H-0068)	3	1st	73.0	1.0	2.3	BF-IB	SR	GN	GN	12140B58M50N000	
					2nd	73.0	1.2	2.55	TUC	CR	Fe	Fe		
					Oil	73.0	2.0	2.2	NIFF-H	SR	GN	GN		
G10	993	Swift Caltus	SWS20144ZZ	3	1st	74.0	1.2	2.7	BF	SR	GN	GN	12140-82161	
					2nd	74.0	1.5	3.2	T1-IB	CR	Cr	Fe		
					Oil	74.0	2.8	2.8	NIFF-S	SR	Cr	Fe		
	993	Caltus	SWS20131ZZ	3	1st	74.0	1.2	2.8	BF	SR	Cr	Fe	12140-82001(cyl)	
					2nd	74.0	1.5	3.2	T1	CR	Fe	Fe	12140-82050(cyl)	
					Oil	74.0	2.8	2.8	NIFF-S	SR	Cr	Fe	12140-82051(cyl)	
	993	Caltus	SWS20185ZZ	3	1st	74.0	1.2	2.7	BF-IB	SR	GN	GN	12140-63E50	
					2nd	74.0	1.2	3.2	TUC	CR	Fe	Fe		
					Oil	74.0	2.5	2.85	NIFF-S	SR	GN	GN		
G13A G13BA	1,298	Caltus	SWS20141ZZ	4	1st	74.0	1.2	2.8	BF	SR	Cr	Fe		
					2nd	74.0	1.5	3.2	T1	CR	Fe	Fe		
					Oil	74.0	2.8	2.8	NIFF-S	SR	Cr	Fe		
	Swift	SWS20143ZZ	4	1st	74.0	1.2	2.85	BF-IB	SR	Cr	Fe	12140-82010		
				2nd	74.0	1.5	3.2	T1-IB	CR	Fe	Fe			
				Oil	74.0	2.8	2.55	NIFF-S	SR	Cr	Fe			
G13B G13BB	1,298	Swift	SWS20186ZZ	4	1st	74.0	1.2	2.7	BF-IB	SR	GN	GN	12140-63E50	
					2nd	74.0	1.2	3.2	TUC	CR	Fe	Fe		
					Oil	74.0	2.5	2.85	NIFF-S	SR	GN	GN		
G16A G16B	1,590	Escudo	SWS20142ZZ	4	1st	75.0	1.2	2.7	BF-IB	SR	GN	GN	12140-60A50	
					2nd	75.0	1.5	3.2	TUC	CR	Fe	Fe		
					Oil	75.0	2.8	2.8	NIFF-S	SR	GN	GN		
				SWS20190ZZ	4	1st	75.0	1.2	2.7	BF-IB	SR	GN	GN	12140-61G50
						2nd	75.0	1.2	2.8	TUC	CR	Fe	Fe	12140-61G00(cyl)
						Oil	75.0	2.5	2.45	NIFF-H	SR	GN	GN	

DAIHATSU

SUBARU

HINO

HONDA

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DAEWOO

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KIA

ASIA

CHRYSLER

FORD

G.M.

- DAIHATSU
- SUBARU
- HINO
- HONDA
- ISUZU
- KOMATSU
- MAZDA
- mitsubishi
- NISSAN
- UD TRUCKS
- SUZUKI
- TOYOTA
- DAEWOO
- HYUNDAI
- KIA
- ASIA
- CHRYSLER
- FORD
- G.M

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper / Lower	
G15A	1,493	APV	SWS20217ZZ	4	1st	75.0	1.2	2.7	BF-IB	SR	GN	GN	12140-61J00
G16A	1,590				2nd	75.0	1.2	3.15	TUC	CR	Fe	Fe	
					Oil	75.0	2.5	2.25	NIFF-H	SR	GN	GN	
M13A	1,328	Swift Jimny	SWS20199ZZ	4	1st	78.0	1.2	2.85	BF-IB	SR	Cr	Fe	
					2nd	78.0	1.5	3.2	TUC	CR	Fe	Fe	
					Oil	78.0	2.8	2.6	NIFF-S	SR	Cr	Fe	
M15A	1,490	Aerio Swift	SWS20196ZZ	4	1st	78.0	1.2	2.85	BF-IB	SR	Cr	Fe	
					2nd	78.0	1.2	3.2	TUC	CR	Fe	Fe	
					Oil	78.0	2.5	2.85	NIFF-S	SR	Cr	Fe	
M13A	1,328	Swift	TCC-H-0086	4	1st	78.0	1.2		BF-IB	SR	GN	GN	12140-54GA0
		Solio			2nd	78.0	1.2		TUC	CR	Fe	Fe	
M15A		1,490			Chevrolet MW Aerio SX4	Oil	78.0	2.5		NIFF-H	SR	GN	
H20A	1,998	Escudo Vitara	TCC-H-0087	V6	1st	78.0	1.2		BF-IB	SR	GN	GN	12140-85FA0
					2nd	78.0	1.5		TUC	CR	Cr	Fe	
					Oil	78.0	2.5		NIFF-S	SR	GN	GN	
J18 J18A	1,840	Estreem	SWS20178ZZ	4	1st	84.0	1.2	2.9	BF-IB	SR	GN	GN	12140-77E00
		Caltus			2nd	84.0	1.5	3.55	TUC	CR	Cr	Fe	
J20 J20A		1,995			Escudo Aerio	Oil	84.0	2.5	2.85	NIFF-S	SR	GN	
J20B	1,995	SX-4	SWS20216ZZ	4	1st	84.0	1.2	2.5	BF-IB	SR	GN	GN	12140-65J00
				2nd	84.0	1.2	3.0	TUC	CR	Cr	Fe		
				Oil	84.0	2.5	2.45	NIFF-H	SR	GN	GN		
H25A	2,494	Escudo	SWS20207ZZ	V6	1st	84.0	1.2	2.9	BF-IB	SR	GN	GN	12140-86FA0
					2nd	84.0	1.5	3.55	TUC	CR	Cr	Fe	
					Oil	84.0	2.5	2.85	NIFF-S	SR	GN	GN	
H27A	2,736	Escude	SWS20210ZZ	V6	1st	88.0	1.2	3.3	BF-IB	SR	GN	GN	12140-52D00-00
					2nd	88.0	1.5	3.3	TUC	CR	Cr	Fe	
					Oil	88.0	2.8	2.85	NIFF-S	SR	GN	GN	
J24B	2,393	Escude	SWS20215ZZ	4	1st	92.0	1.2	3.1	BF-IB	SR	GN	GN	12140-78K00
					2nd	92.0	1.0	3.1	TUC	HB	Fe	Fe	
					Oil	92.0	2.0	2.55	NIFF-H	SR	GN	GN	