





VEHICLE MODEL	Year	ENGINE TYPE	CYL No.	IN EX	DOKURO No.	Head Dia.	Stem Dia.	Overall Length	Seat Angle	Head Style	Stem End
SUNNY 120Y 1000CC CHERRY 100A 1200CC PULSAR 120A	78~	A10 A12	4	IN	INS-0401	35.00	8.00	103.80	45°	ST	NG
B10/B110/210/310 F10/N10/11				EX	ENS-5401	29.00	8.00	103.80	45°	ST	NG
SUNNY 140Y 1400CC PULSAR 140A VIOLET 140J B210/310 N10/710/A10	76~	A14	4	IN	INS-0402	37.00	8.00	103.80	45°	ST	NG
				EX	ENS-5402	30.00	8.00	103.80	45°	ST	NG
SUNNY 150Y 1500CC PULSAR 150A B310/N12	80~	A15	4	IN	INS-0403	35.00	8.00	100.00	45°	ST	NG
				EX	ENS-5403	30.00	8.00	100.00	45°	ST	NG
STANZA 1600CC BLUEBIRD 1800CC SILVIA 2000CC LAUREL	82~ 82~ 84~	CA16 CA18 CA20	4	IN	INS-0434 INS-0405 INS-0452	38.00 40.00 41.00	7.00	106.70 106.90 107.10	45°	ST	MG
T12/B11/S12/C32	84~	CA16 CA18 CA20		EX	ENS-5405	35.00	7.00	108.10	45°	ST	MG
BLUEBIRD 1800CC SILVIA with TURBO U11/S12	84~	CA18T	4	IN	INS-0451	41.00	7.00	105.80	45°	ST	NG
				EX	ENS-5451	35.00	7.00	106.70	45°	ST	MG
EUROPE ONLY		CA18T	4	EX	ENS-5452	35.00	7.00	107.00	45°	FR	MG
SUNNY/PULSAR 1600CC B12/N13	87~	CA16D ⑩	4	IN	INS-0458	31.00	6.00	89.20	45°	ST	CG
				EX	ENS-5458	28.10	6.00	89.30	45°	F	CG
SUNNY/PULSAR 1800CC 1600CC BLUEBIRD B12/N13/U11/12	87~	CA18D CA16DE ⑩	4 4	IN	INS-0462 INS-0497	34.00 31.00	6.00	89.00 89.20	45°	ST	CG
				EX	ENS-5462	28.00	6.00	89.50	45°	ST	CG
MAERCH MICRA 1000/1300CC	91~	CG10 CG13	4		INS-0515 ENS-5515						
SUNNY/PULSAR 1700CC SENTRA B11/12/13 N12/13	83~	CD17	4	IN	INS-0446	36.00	7.00	101.00	45°	F	NG
				EX	ENS-5446	31.00	7.00	101.00	45°	F	MG



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AVENIR 2000CC SENTRA	85~	CD20	4	IN	INS-0484	39.20	7.00	100.70	45°	F	NG
				EX	ENS-5484	33.20	7.00	100.70	45°	F	NG
AVENIR 2000CC SENTRA	93~	CD20	4	IN	INS-0487	39.10	7.00	99.80	45°	F	NG
				EX	ENS-5487	32.10	7.00	99.60	45°	F	NG
SUNNY/PULSAR 1000CC SENTRA B111/12/13	82~	E10	4	IN	INS-0432	35.00	7.00	118.50	45°	FR	NG
				EX	ENS-5432	29.00	7.00	118.70	45°	FR	NG
SUNNY/PULSAR 1300CC PRAIRIE 1500CC SENTRA B11/12/13 N10/12/13/M10	81~	E13	4	IN	INS-0404	37.00	7.00	118.80	45°	ST	NG
	81~	E15		EX	ENS-5404	30.00	7.00	118.20	45°	ST	NG
SUNNY 1500CC SENTRA PULSAR  B12/13 N12/13	81~	E15E	4	IN	INS-0433	37.00	7.00	119.70	45°	ST	NG
				EX	ENS-5433	31.00	7.00	120.00	45°	ST	NG
SUNNY 1600CC SENTRA PULSAR B11/12/13 N12/13	84~	E16	4	IN	INS-0444	37.00	7.00	116.70	45°	ST	NG
				EX	ENS-5444	30.00	7.00	116.00	45°	ST	NG
CABALL 3000CC CLIPPER CIVILIAN C340	73~	<del>E16</del>	4	IN	INS-0430	45.00	9.00	129.70	60°	F	CG
		ED30		EX	ENS-5430	36.00	9.00	130.00	45°	F	CG
		BD30		EX	ENS-5498	38.00	8.00	117.00	45°	F	CG
CONDOR 3300CC CABALL CIVILIAN 5700CC  M40/G341/W40	80~	ED33	4	IN	INS-0429	47.00	9.00	129.50	60°	F	CG
	83~	FD33	4								
	75~	FD6	6	EX	ENS-5429	38.00	9.00	130.00	45°	F	CG
	83~	PD6	6								
ATLAS 3500CC CABALL	89~	FD35	4	IN	INS-0485	48.50	9.00	129.50	45°	F	CG
				EX	ENS-5485	39.50	9.00	130.00	45°	F	CG
ATLAS 4600CC CONDOR	92~	FD46	4	IN	INS-0506	48.50	9.00	129.00	45°	F	CG
				EX	ENS-5506	39.50	9.00	130.00	45°	F	CG
SKYLINE 2000CC SILVIA R30/S110	82~	FJ20	4	IN	INS-0435	34.50	7.00	125.20	45°	ST	NG/MG
				EX	ENS-5435						



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SUNNY 1400CC SENTRA 1600CC	90~	GA14D	4	IN	INS-0473	29.00	5.50	92.30	45°	ST	CG
B13/14/N14	90~	GA15D GA16D	4	IN	INS-0468	30.00	5.50	92.30	45°	ST	CG
				EX	ENS-5468	24.00	5.50	92.70	45°	ST	CG
				⑬							
SENTRA 1300CC	90~	GA13	4	IN	INS-0474	26.50	5.50	92.30	45°	ST	CG
				EX	ENS-5474	21.50	5.50	92.70	45°	ST	CG
SUNNY 1400CC SENTRA 1600CC	88~	GA14 GA16	4	IN	INS-0465	29.10	6.00	113.80	45°	ST	CG
				EX	ENS-5465	33.00	6.60	116.30	45°	ST	CG
				EX	ENS-5466	32.00	6.60	116.20	45°	ST	CG
SENTRA 1600CC B13	89~	GA16i IN-⑧ EX-④	4	IN	INS-0457	29.00	6.00	113.70	45°	ST	CG
				EX	ENS-5457	33.00	6.60	116.30	45°	ST	CG
		GA16DET	4	EX	ENS-5509	25.00	5.50	92.60	45°	ST	CG
JUNIOR 2000CC CARAVAN 3000CC	67~	H20 H30	4	IN	INS-0410	42.00	8.70	110.20	45°	ST	
				EX	ENS-5410	32.00	8.70	110.20			
OVER SIZE 0.20MM		H20	4	IN	INS-0442	42.00	8.70	110.20	45°	ST	
				EX	ENS-5442	32.00	8.70	110.20	45°	ST	NG
OVER SIZE 0.40MM		H20	4	IN	INS-0443	42.00	8.70	110.20	45°	ST	
				EX	ENS-5443	32.00	8.70	110.20	45°	ST	NG
FORKLIFT		H15 H20	4	IN	INS-0488	35.10	7.00	109.70	45°	ST	NG
				EX	ENS-5488	30.10	7.00	109.20	45°	ST	NG



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BLUEBIRD 1300CC DATSUN TRUCK  410/510 520/620 P130	65~	J13	4	IN	INS-0406	35.00	8.70	109.60	45°	ST	NG
				EX	ENS-5406	30.00	8.70	108.80	45°	ST	PG
DATSUN TRUCK 1500CC 1600CC  520/620	70~ 70~	J15 J16	4 4	IN	INS-0407	38.00	8.70	109.60	45°	ST	PG
				EX	ENS-5407	32.00	8.70	109.60	45°	ST	PG
DATSUN TRUCK 1500CC CARAVAN 1600CC  620/E20	74~	J15 J16	4 4	IN	INS-0431	38.00	8.70	109.60	45°	ST	NG
				EX	ENS-5431	32.00	8.70	109.60	45°	ST	NG
DATSUN PICK UP  MEXICO KD	1800CC	J18	4	IN	INS-0453	40.10	8.00	108.20	45°	ST	MG
				EX	ENS-5453	35.00	8.00	108.30	45°	ST	MG
PICK UP SILVIA MAXIMA PRAIRE D21/S13/U12/M10 MEXICO KD	2400CC	KA24	4	IN	INS-0467	34.00	7.00	121.40	45°	ST	CG
				EX	ENS-5467	40.00	8.00	122.40	45°	ST	CG
SILVIA 240SX	2400CC	KA24D Ⓜ	4	IN	INS-0491	36.60	7.00	101.50	45°	ST	CG
				EX	ENS-5491	31.40	7.00	99.90	45°	ST	
D22 AX FRONTIER	2000/2400CC	KA20DE KA24DE Ⓜ	4	IN	INS-0510	36.60	7.00	101.40	45°		CG
				EX	ENS-5510	31.30	7.00	98.95	45°		CG
D22	2000/2400CC	KA20E KA24E	4	IN	INS-						
				EX	ENS-						
PLATINA MEXICO KD	03~	K 4 M	4	IN	INS-0512						
				EX	ENS-5512						



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BLUEBIRD 1300CC	69~	L13	4	IN	INS-0408	38.10	8.00	117.30	45°	ST	NG
VIOLET 140J 1400CC	70~	L14	4								
LAUREL 200L 2000CC	66~	L20	6								
240K/240L 2400CC	75~	L24	6								
CEDRIC 200C 510/610/710/C31/32 330/430/C210/230				EX	ENS-5408	33.00	8.00	117.40	45°	ST	NG
FAIRLADY 2800CC	75~	L28	6	IN	INS-0412	44.10	8.00	152.00	45°	ST	NG
CEDRIC 330/430/G130											
PICK UP 1600CC	67~	L16	4	IN	INS-0409	42.00	8.00	116.40	45°	ST	NG
BLUEBIRD 180D 1800CC	70~	L18	4								
CEDRIC 260C 2000CC	74~	L20B	4								
FAIRLADY 260Z 2600CC	72~	L26	6								
200B 620/720/910 330											
	67~	L16	4	EX	ENS-5408	33.00	8.00	117.40			
		L18 L20B L26 L28	4 4 6 6	EX	ENS-5409	35.00	8.00	117.50	45°	ST	NG
CEDRIC 2800CC	80~	L28T L28E	6	IN	INS-0427	44.00	8.00	114.50	45°	ST	NG
FAIRLADY with TURBO 430/S130				EX	ENS-5427	35.10	8.00	115.40	45°	ST	NG
CEDRIC 2000CC	81~	LD20	4	IN	INS-0428	39.00	8.00	117.00	45°	F	NG
2800CC	81~	LD28	6								
BLUEBIRD 430/U11				EX	ENS-5428	32.00	8.00	117.20	45°	F	NG
BLUEBIRD 2000CC	81~	LD20	4	IN	INS-0490	39.40	8.00	118.00	45°	F	NG
VANETTE				EX	ENS-5490	32.10	8.00	118.80	45°	ST	NG
SERENA 2300CC	99~	LD23	4	IN	INS-0503	41.50	8.00	118.10		F	NG
SPAIN KD				EX	ENS-5503	33.20	8.00	117.80		F	NG
MARCH 1000CC	82~	MA10	4	IN	INS-0448	35.00	7.00	110.00	45°	ST	NG
MICRA 1200CC	86~	MA12	4								
K10/KA10				EX	ENS-5448	30.00	7.00	109.50	45°	ST	NG



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MARCH 1000CC		MA10	4	IN	INS-0456	35.00	7.00	109.80	45	ST	NG
MICRA 1200CC		MA12	4	EX	ENS-5456	30.00	7.00	109.40	45°	ST	NG
PICKUP D22 2000CC	97~	NA20	4	IN	INS-0504	38.10	8.00	122.00	45°	ST	NG
				EX	ENS-5505	34.10	8.00	123.50	45°	ST	NG
					ENS-5508	34.10	8.00	123.50	45°	ST	MG
TRUCK 6800CC	69~	ND 6	6	IN	INS-0417	50.00	10.00	143.00	45°	F	CG
				EX	ENS-5417	41.00	10.00	143.00	45°	F	MG
TRUCK 7400CC	86~	NE 6	6	IN	INS-0477	52.00	10.00	143.00	45°	ST	MG
		NE 6 T	6	IN	INS-0470	52.00	10.00	143.80	60°	F	CG
				EX	ENS-5470	43.00	10.00	143.50	45°	F	CG
TRUCK CL/CM 7000CC	97~	FE 6 B FE 6 T	6	IN	INS-0471	48.50	9.00	130.70	60°		CG
				EX	ENS-5471	39.80	9.00	131.00	45°	F	CG
TURCK CW/CV EURO-2	94~	PF 6 TC	6	IN	INS-0478	57.60	12.00	158.60	60°	F	CG
				EX	ENS-5478	53.80	12.00	157.80	45°	F	CG
PATROL TRUCK 4000CC	62~ 80~	P P40	6 6	IN	INS-0416	43.00	8.70	131.50	45°	F	MG
680/60/160				EX	ENS-5416	36.30	8.70	131.50	45°	F	MG
ATLAS 3200CC	98~	QD32	4	IN	INS-0500	45.50	8.00	117.00	45°	F	NG
				EX	ENS-5500	39.00	8.00	117.00	45°	F	NG
X-TRAIL AVANIR	00~	QR20DE	4	IN	INS-						
				EX	ENS-						
SKYLINE 2000CC	89~	RB20	6	IN	INS-0450	42.00	7.00	125.70	45°	ST	MG
CEFIRO 2400CC		RB24		EX	ENS-5450	35.00	7.00	124.50	45°	ST	MG
ALTIMA 3000CC		RB30									
LAUREL A31/B31/C34											

KOMATSU  
TOYOTA  
KIA  
HONDA  
HYUNDAI  
MAZDA  
ISUZU  
NISSAN  
DAIHATSU  
SUZUKI  
MITSUBISHI  
SUBARU  
DAEWOO



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TRUCK 10300CC 11700CC  CD/CK/CV	70~	PA 6	6	IN	INS-0419	57.50	12.00	158.50	60°	F	CG
		PD 6	6								
		PE 6	6								
					INS-0420	57.50	12.00	157.50	45°	F	CG
				EX	ENS-5420	47.00	12.00	158.00	45°	F	CG
TRUCK KG/KM/KW		PE 6 T	6	IN	INS-0478	57.60	12.00	158.60	60°	F	CG
				EX	ENS-5478	52.00	12.00	158.00	45°	F	CG
					ENS-5481	54.00	12.00	157.70	45°	F	CG
TRUCK 14300CC 10000CC  CV/CW/WD/WG	72~	RD 8	8	IN	INS-0423	60.00	10.00	161.00	45°	F	CG
		RD10	10								
	75~	RE 8	8								
		RE10	10								
				IN	INS-0422	60.00	10.00	161.20	60°	F	CG
				EX	ENS-5423	50.00	12.00	161.20	45°	ST	CG
TRUCK CD/CF/CG/CK	95~	RF 8	8	IN	INS-0423	60.00	10.00	161.00	45°	F	CG
		RG 8		EX	ENS-5472	52.00	12.00	161.00	45°	F	MG
TRUCK CD55/CG55/CK551 CW55	97~	RH8	8	IN	INS-0513	52.00	10.00	164.60	45°	ST	CG
				EX	ENS-5513	47.90	10.0	164.60	45°	ST	CG
LAUREL CEDRIC PATROL	85~	RD28	6	IN	INS-0482	39.10	7.00	101.90	45°	F	MG
				EX	ENS-5482	32.10	7.00	101.80	45°	ST	MG





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PATROL CEDRIC LAUREL  2800CC	85~	RD28T	6	IN	INS-0483	39.10	7.00	162.80	45°		MG
				IN	INS-0505	39.20	7.00	162.80	45°	ST	CG
				EX	ENS-5483	32.10	7.00	102.60	45°		MG
BLUE BIRD PRIMELA  2000CC	85~	SR20DE  ⑩	4	IN	INS-0486	34.10	6.00	101.50	45°	ST	CG
				EX	ENS-5486	30.10	6.00	102.40	45°	FR	CG
BLUEBIRD PRIMELA SILVIA  2000CC		SR20DET	4	IN	INS-0507	34.10	6.00	101.50	45°	ST	CG
				EX	ENS-5507	30.10	6.00	102.30	45°	ST	CG
JUNIOR CABALL  2200CC 3300CC	68~	SD22 SD33	4 6	IN	INS-0413	38.50	8.00	117.00	45°	F	CG
				EX	ENS-5413	32.50	8.00	117.00	45°	F	CG
OVER SIZE 0.20MM		SD22 SD33		IN	INS-0440	38.50	8.00	117.00	45°	ST	CG
				EX	ENS-5440	32.50	8.00	117.00	45°	ST	CG
OVER SIZE 0.40MM		SD22 SD33	4	IN	INS-0441	38.50	8.40	117.00	45°	ST	CG
				EX	ENS-5441	32.50	8.40	117.00	45°	ST	CG
URVAN PICK UP ATLAS E23/720/F22  2300CC 2500CC	83~	SD23 SD25	4	IN	INS-0438	40.00	8.00	117.00	45°	F	CG
				EX	ENS-5438	34.00	8.00	116.90	45°	F	CG
OVER SIZE 0.20MM		SD23 SD25	4	IN	INS-0463	40.00	8.20	117.00	45°	F	CG
				EX	ENS-5463	34.00	8.20	116.90	45°	F	NG
PATROL Y60  4200CC	88~	TB42	6	IN	INS-0475	47.20	8.00	118.20	45°	ST	NG
				EX	ENS-5475	38.00	8.00	119.00	45°		NG
PATROL  4500CC	98~	TB45	6	IN	INS-0499	47.00	8.00	118.40	45°	ST	NG
				EX	ENS-5499	38.00	8.00	119.00	45°	F	NG



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PATROL SAFARI 4800CC	02~	TB48 (24)	6	IN	INS-0516						
				EX	ENS-5516						
URVAN ATLAS E24/F22 2300CC	87~	TD23	4	IN	INS-0459	40.00	8.00	117.10	45°	F	CG
				EX	ENS-5459	35.00	8.00	117.10	45°	F	CG
URVAN ATLAS PICK UP E24/F22/D21 2500CC	89~	TD25	4	IN	INS-0464	41.50	8.00	117.10	45°	F	CG
				EX	ENS-5464	37.00	8.00	117.10	45°	F	CG
PICK UP PATHFINDER PATROL D21/WD21/Y60 2700CC 4200CC		TD27 TD42	4	IN	INS-0455	43.50	8.00	117.00	45°	F	CG
				EX	ENS-5455	38.00	8.00	117.00	45°	F	CG
MISTARL with TURBO SPAIN KD 2700CC		TD27T	4	IN	INS-0489	43.50	8.00	117.00	45°	F	CG
				EX	ENS-5489	38.00	8.00	117.00	45°		CG
CEDRIC Y30 2000CC	84~	VG20	V6	IN	INS-0447	38.00	7.00	128.20	45°	ST	MG
				EX	ENS-5447	33.10	8.00	127.50	45°	ST	2MG
CEDRIC FAIRLADY Y30 3000CC	84~	VG30	V6	IN	INS-0450	42.00	7.00	125.70	45°	ST	MG
				EX	ENS-5450	35.00	7.00	124.50	45°	ST	MG
300ZX 3000CC	85~	VG30	V6	IN	INS-0492	34.10	6.00	103.30	45°	ST	CG
				EX	ENS-5492						
				EX	ENS-5493	29.60	6.00	103.80	45°	ST	CG
300ZX without TURBO 3000CC	85~	VG30	V6	IN	INS-0494	34.00	6.00	103.30	45°	ST	CG
				EX	ENS-5494	29.60	6.00	103.70	45°	FR	CG
MAXIMA 3000CC	93~	VG30DET (24)	V6	IN	INS-0501	35.00	6.00	110.60	45°	ST	CG
				EX	ENS-5501	30.70	6.00	102.70	45°	ST	CG
MAXIMA 2000CC	96~	VQ20 (24)	V6	IN	IMS-0502	29.00	6.00	104.00	45°	ST	CG
				EX	ENS-5502	24.00	6.00	101.50	45°	ST	CG
CEDRIC MAXIMA 3000CC		VQ30 (24)	V6	IN	INS-0495	26.00	6.00	97.60	45°	ST	CG
				EX	ENS-5495	31.40	6.00	95.00	45°	ST	CG