

# Design Specifications

	ITEMS	METRIC	ENGLISH	NOTES
DIMENSIONS	Overall Length	4,755 mm 4,780 mm	187.2 in. 188.2 in.	with bumper guard KY type  KY type  KY type
	Overall Width	4,775 mm	188.0 in.	
	Overall Height	1,745 mm	68.7 in.	
		1,370 mm	53.9 in.	
		1,380 mm	54.3 in.	
	Wheelbase	2,705 mm	106.5 in.	
	Track F/R	1,500/1,500 mm	59.1/59.1 in.	
	Ground Clearance	150 mm	5.9 in.	
		160 mm	6.0 in.	
	Seating Capacity	Five		
WEIGHTS	Engine weight	175 kg	386 lb.	EC models
	Curb Weight (EC models)			
	KG M/T	1,405 kg	3,097 lb	
	A/T	1,425 kg	3,142 lb	
	KB M/T	1,435 kg	3,164 lb	
	A/T	1,455 kg	3,208 lb	
	KF M/T	1,425 kg	3,142 lb	
	A/T	1,445 kg	3,186 lb	
	KX, KS, KW M/T	1,415 kg	3,120 lb	
	A/T	1,435 kg	3,164 lb	
	KE M/T	1,420 kg	3,131 lb	
	A/T	1,440 kg	3,175 lb	
	Weight Distribution Front/Rear (EC models)			
	KG M/T	885/520 kg	1,951/1,146 lb	
	A/T	905/520 kg	1,995/1,146 lb	
	KB M/T	905/530 kg	1,995/1,168 lb	
	A/T	925/530 kg	2,039/1,168 lb	
	KF M/T	900/525 kg	1,984/1,157 lb	
	A/T	920/525 kg	2,028/1,157 lb	
	KX, KS, KW M/T	890/525 kg	1,962/1,157 lb	
	A/T	910/525 kg	2,006/1,157 lb	
	KE M/T	900/520 kg	1,984/1,146 lb	
	A/T	920/520 kg	2,028/1,146 lb	
	Max. Permissible Weight	1,920 kg	4,223 lb	
	Curb Weight (General models)			KY type KY type Others Others
	With CATA M/T	1,395 kg	3,075 lb	
	A/T	1,415 kg	3,120 lb	
	Without CATA M/T	1,435 kg	3,164 lb	
	A/T	1,455 kg	3,208 lb	
	M/T	1,410 kg	3,108 lb	
	A/T	1,430 kg	3,152 lb	
	Weight Distribution Front/Rear (General models)			
	With CATA M/T	880/515 kg	1,940/1,135 lb	
	A/T	900/515 kg	1,984/1,135 lb	
	Without CATA M/T	900/535 kg	1,984/1,179 lb	
	A/T	920/535 kg	2,028/1,179 lb	
	M/T	895/515 kg	1,973/1,135 lb	
	A/T	915/515 kg	2,017/1,135 lb	
	Max. Vehicle Weight	1,980 kg	4,365 lb	
	Max. Loaded Vehicle Weight (ADR)	1,845 kg	4,068 lb	
ENGINE	Type	Water cooled, 4-stroke O.H.C., gasoline engine		
	Cylinder Arrangement	V6-Cylinder, transverse		
	Bore and Stroke	87.0 x 75.0 mm	3.43 x 2.95 in.	
	Displacement	2,675 cm <sup>3</sup> (cc)	163 cu. in.	
	Compression Ratio	9.0 : 1		
	with catalytic converter			
	without catalytic converter	9.4 : 1		
	Valve Train	Belt driven, single overhead camshaft		
	Lubrication System	Trochoid pump		
	Fuel Required	Unleaded gasoline with 91 research octane number or higher. Leaded gasoline with 97 research octane number or higher.		

	ITEMS		METRIC	ENGLISH	NOTES
STARTER	Type	ND	Gear reduction		
	Normal output		1.7 KW		
	Nominal voltage		12 V		
	Hour rating		30 seconds		
	Direction of rotation		Counterclockwise as viewed from gear end		
	Weight		4.6 kg	10.1 lb	
TRANSMISSION	Clutch	M/T	Single plate dry, diaphragm spring		
		A/T	Torque Converter		
	Transmission	M/T	Synchronized 5 forward 1 reverse		
		A/T	Electronically controlled 4 forward speed automatic; 1 reverse		
	Primary Reduction		Direct 1 : 1		
	Gear Ratio		M/T	A/T	
		1st	2.923	2.647	
		2nd	1.789	1.555	
		3rd	1.222	1.058	
		4th	0.909	0.794	
		5th	0.750		
		Reverse	3.000	1.904	
	Final Reduction	M/T	Single helical gear, 4.200		
		A/T	Single helical gear, 4.266		
	Clutch Lining Area		176 cm <sup>2</sup>	27.3 sq. in.	
STEERING SYSTEM	Type		Rack and Pinion		
	Overall Ratio		17.6 : 1		
	Turns, lock-to-lock		3.36		
	Steering Wheel Dia.		385 mm	15.2 in.	
	Power Steering Oil Capacity		1.7 l	1.8 U.S qt., 1.5 Imp. qt.	
	Power Steering Oil		Genuine Power Steering Fluid P/N 08208-99961		
SUSPENSION	Front		Independent Double wishbone, coil spring		
	Rear		Independent Double wishbone, coil spring		
	Shock Absorber, Front and Rear		Telescopic, hydraulic		
WHEEL ALIGNMENT	Camber	Front and Rear	0°		
	Caster		1°40'		
	Toe-in	Front	0 mm	0 in.	
		Rear	0 mm	0 in.	
BRAKE SYSTEM	Type, Front		Power assisted self-adjusting ventilated disc.		
	Type, Rear		Power assisted self-adjusting solid disc.		
	Pad and Lining Surface Area: Front/Rear		50.0/30.0 cm <sup>2</sup>	7.8/4.6 sq. in.	
	Parking Brake Kind and Type		Mechanical expanding, rear two wheel brakes		
TIRES	Size		205/60 VR15 or 205/60 R15 90 V		
AIR CONDITIONER	Cooling capacity		4,280 kcal/h	16,981 BTU/h	
	— Conditions:				
	Compressor Revolution Speed		1,800 min <sup>-1</sup> (rpm)		
	Outside air temperature		27.5°C	81.5°F	
	Outside air humidity		50%		
	Condenser air temperature		35°C	95°F	
	Condenser air velocity		4.5 m/sec.	14.8 ft/sec.	
	Blower capacity		420 m <sup>3</sup> /h	14,836 cu. ft/h	
	Compressor	Type	Swash plate type		
	(NIPPONDENSO)	No. of cylinders	10		
		Capacity	172 cc/rev.	10.49 cu. in/rev.	
		Max. speed	8,000 min <sup>-1</sup> (rpm)		
		Lubricant/capacity	80 cc	2.7 U.S. oz.	
	Condenser		Corrugated fin type		
	Evaporator		Corrugated fin type		
	Blower	Type	Sirocco fan		
		Motor input	185 W (12 V)		
		Speed control	Infinitely variable		
		Max. capacity	420 m <sup>3</sup> /h	14,836 cu. ft/h	
	Temp. Control		Air-mix type		
Comp. Clutch	Type	Dry, single plate, V-belt-1A			
	Power consumption	40 W max.	12 V		
Refrigerant	Type	R-12			
	Quantity	0.90 ± 0.05 kg	1.88 ± 0.11 lb.		

# Design Specifications

	ITEMS	METRIC	ENGLISH	NOTES
ELECTRICAL	Battery	EC: 12 V—65 AH/General: 12 V—60 AH		except KQ
	Starter	12 V—1.7 kW		
	Alternator	12 V—70 amps		
	Fuses In the fuse box	7.5 A, 10 A, 15 A, 20 A		
	In the relay box	7.5 A, 10 A, 15 A, 20 A, 30 A, 40 A, 70 A		
	Headlights High/Low	12 V—60/55 W		
	Front Turn Signal Lights	12 V—21 W		
	Rear Turn Signal Lights	12 V—21 W		
	Side Turn Signal Lights	12 V—5 W		
	Stop/Taillights	12 V—27/5 W		
	Front Marker Lights	12 V—5 W		
	Rear Marker Lights	12 V—5 W		
	Back-up Lights	12 V—21 W		
	License Plate Lights	12 V—5 W		
	Gauge Lights	12 V—3.4/3.0/1.4 W		
	Indicator Lights	12 V—1.2 W, 1.4 W		
	Warning Lights	12 V—1.4 W		
	Glove Box Lights	12 V—3.4 W		
	Dome Light	12 V—8 W		
	Trunk Light	12 V—3.4 W		
	Door Courtesy Lights	12 V—3.4 W		
	Illumination and Pilot Lights	12 V—1.4 W, 1.12 W, 1.1 W, 0.91 W, 0.7 W, 0.56 W, LED		
Heater Illumination Lights	12 V—1.4 W, 2 W			
Map Lights	12 V—5 W			
Vanity Mirror Light	12 V—2 W			