

# Design Specifications

	ITEMS		METRIC	ENGLISH	NOTES
DIMENSIONS	Overall Length		4,780 mm	188.2 in.	
	Overall Width		1,745 mm	68.7 in.	
	Overall Height		1,370 mm	53.9 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.	
	Seating Capacity		Five		
WEIGHTS	Engine weight		175 kg	386 lb.	
	Curb Weight	with Cata- 5M/T	1,395 kg	3,075 lb.	
		lytic converter 4A/T	1,415 kg	3,120 lb.	
		without Cata- 5M/T	1,390 kg	3,064 lb.	
		lytic Converter 4A/T	1,410 kg	3,108 lb.	
	Weight Distribution (Front/Rear)				
		with Cata- 5M/T	880 kg/515 kg	1,940 lb./1,135 lb.	
		lytic Converter 4A/T	900 kg/515 kg	1,984 lb./1,135 lb.	
		without Cata- 5M/T	875 kg/515 kg	1,929 lb./1,135 lb.	
		lytic Converter 4A/T	895 kg/515 kg	1,973 lb./1,135 lb.	
	Max. Permissible Weight		1,920 kg	4,233 lb.	
ENGINE	Type		Water cooled, 4-cycles 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	with catalytic converter	9.0:1		
		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.		
STARTER	Type	ND	Gear reduction		
	Normal output		1.6 KW		
	Nominal voltage		12 V		
	Hour rating		30 seconds		
	Direction of rotation		Counterclockwise as viewed from gear end		
	Weight	ND	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 dual range 4 forward speed automatic; 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		217 cm <sup>2</sup>	33.6 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		0°		
	Caster		1°40'		
	Toe-in	Front	0 mm	0 in.	
		Rear	0 mm	0 in.	

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<b>BRAKE SYSTEM</b>	Type, Front Type, Rear Pad and Lining Surface Area: Front/Rear Parking Brake Kind and Type	Power assisted self-adjusting ventilated disc. Power assisted self-adjusting solid disc. 50.0/30.0 cm <sup>2</sup> Mechanical expanding, rear two wheel brakes		
<b>TIRES</b>	Size	205/60 VR15		
<b>AIR CONDITIONER</b>	Cooling capacity	3,800 Kcal/h	15,077 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 (NIPPONDENSO)	Type No. of cylinders Capacity Max. speed Lubricant/capacity	Swash plate type 10 172 cc/rev. 8,000 min <sup>-1</sup> (rpm) 80 cc	10.49 cu. in/rev. 2.7 U.S. oz.
	Condenser	Corrugated fin type		
	Evaporator	Corrugated fin type		
<b>ELECTRICAL</b>	Blower	Type Motor input Speed control Max. capacity	Sirocco fan 185 W (12 V) Infinitely variable 420 m <sup>3</sup> /h	14,836 cu. ft/h
	Temp. Control	Air-mix type		
	Comp. Clutch	Type Power consumption	Dry, single plate, V-belt-1A 40 W max.	12 V
	Refrigerant	Type Quantity	R-12 0.90 ± 0.05 kg	1.88 ± 0.11 lb.
	Battery	12 V — 65 AH		
	Starter	12 V — 1.6 kW		
	Alternator	12 V — 70 amps		
	Fuses In the fuse box In the relay box	7.5 A, 10 A, 15 A, 20 A 7.5A, 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 — 21/5 W		
	Stop/Taillights	12 V — 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 — 8 W		
	Gauge Lights	12 V — 3.4/3.0/1.4 W		
	Indicator Lights	12 V — 1.2W, 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	12V — 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		