

# Design Specifications

	ITEM		METRIC	ENGLISH	NOTES
DIMENSIONS	Overall length		4,425 mm	174.2 in	
	Overall width		1,810 mm	71.3 in	
	Overall height		1,170 mm	46.1 in	
	Wheelbase		2,530 mm	99.6 in	
	Track F/R		1,510/1,540 mm	59.4/60.6 in	
	Ground clearance		130 mm	5.1 in	
	Seating capacity		2		
WEIGHT (USA)	Gross Vehicle Weight Rating (GVWR)		M/T 1,630 kg	3,593 lbs	
WEIGHT (CANADA)	Gross Vehicle Weight Rating (GVWR)		A/T 1,655 kg	3,649 lbs	
ENGINE	Type		Water cooled, 4-stroke DOHC VTEC gasoline engine		
	Cylinder arrangement		90 ° V6-cylinder, transverse		
	Bore and stroke	C32B1 engine	93.0 x 78.0 mm	3.66 x 3.07 in	
		C30A1 engine	90.0 x 78.0 mm	3.54 x 3.07 in	
	Displacement	C32B1 engine	3,179 cm <sup>3</sup> (cc)	194 cu in	
		C30A1 engine	2,977 cm <sup>3</sup> (cc)	182 cu in	
	Compression ratio		10.2		
	Valve train		Belt driven DOHC		
	Lubrication system		Forced and wet sump		
	Fuel required		Premium UNLEADED grade gasoline with 91 Pump Octane Number or higher		
STARTER	Type/Make		Gear reduction/DENSO		
	Normal output		1.4 kW		
	Nominal voltage		12 V		
	Hour rating		30 seconds		
CLUTCH	Direction of rotation		Counterclockwise as viewed from gear end		
	Weight		4.75 kg	10.47 lbs	
	Clutch	M/T A/T	Single plate dry, diaphragm spring Torque converter		
TRANSMISSION	Clutch lining area	M/T	239 cm <sup>2</sup>	37.0 sq in	
	Transmission	M/T A/T	Synchronized 6 speed forward 1 reverse Electronically controlled 4-speed forward automatic 1 reverse Direct 1 : 1		
	Primary reduction				
	Type		Manual	Automatic	
	Gear ratio	1st	3.066	2.611	
		2nd	1.956	1.551	
		3rd	1.428	1.025	
		4th	1.125	0.684	
		5th	0.914	—	
		6th	0.717	—	
TRANSMISSION		Reverse	3.186	1.909	
	Final reduction	Gear type	Single helical gear		
		Gear ratio	4.062	4.428	

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AIR CONDITIONING	Cooling capacity Conditions: Compressor RPM Outside air temperature Outside air humidity Condenser air temperature Condenser air velocity Blower capacity	4,000 Kcal/h  27 °C 35 °C 4.5 m/sec 420 m³/h	15,872 BTU/h  1,800 rpm 81 °F 50 % 95 °F 14.8 ft/sec 15,540 cu-ft/h	At 12 V
	Compressor Type/Make No. of cylinders Capacity Max. speed Lubricant capacity	Swash-plate type/DENSO 10 155.3 cc/rev 7,600 rpm 160 mL	9.47 cu-in/rev 5 1/3 fl oz, 5.6 Imp oz	DENSO ND-OIL8
	Condenser Type	Corrugated fin type		
	Evaporator Type Air temperature	Corrugated fin type 19.5 °C	67 °F	
	Blower Type Motor input Speed control Max. capacity	Sirocco fan 178 W/12 V Infinity variable 460 m³/h	16,247 cu-ft/h	At 13.5 V
	Temp. control	Air-mix type		
	Compressor clutch Type Power consumption	Dry, single plate, poly-V-belt drive 40 W/12 V		
	Refrigerant Type Quantity	HFC-134a (R-134a) 850 $\pm$ 50 g	30.0 $\pm$ 1.8 oz	
STEERING SYSTEM	Type Overall ratio Turns, lock-to-lock Steering wheel dia.	Electric, power assisted, rack and pinion 18.6 3.24 368 mm	14.5 in	
SUSPENSION	Type, front  Type, rear  Shock absorber, front and rear	Independent double wishbone with compliance pivot, coil spring with stabilizer Independent double wishbone, coil spring with stabilizer Telescopic, hydraulic nitrogen gas-filled		

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<b>WHEEL ALIGNMENT</b>	Camber	Front	-0 °20 '	
		Rear	-1 °30 '	
	Caster		8 °	
	Toe	Front	Out 3.5 mm	
		Rear	In 4.0 mm	
<b>BRAKE SYSTEM</b>	Type, front and rear	Power assisted self-adjusting ventilated disc		
	Pad and lining surface area: front/rear	58.0/38.8 cm <sup>2</sup>	8.99/6.01 sq in	
	Parking brake type	Mechanical expanding, rear two wheel brakes		
<b>TIRE</b>	Size	Front: 215/40 R17 83Y Rear: 255/40 R17 94Y 165/80 D 16 (Folding spare tire)		
<b>ELECTRICAL</b>	Battery	12 V – 52AH/5HR		M/T A/T
		12 V – 55AH/5HR		
	Starter	12 V – 1.4 kW		
	Alternator	12 V – 120 A		
	Fuses			
	In the under-dash fuse box	7.5 A, 10 A, 15 A		
	In the under-hood fuse/relay box	7.5 A, 10 A, 15 A, 20 A, 30 A, 40 A, 50 A		
	In the engine compartment fuse/relay box	10 A, 20 A, 30 A, 40 A, 120 A		
	Headlights, high, low	12 V – 65 W/35 W (HID)		
	Front turn signal lights	12 V – 45 CP		
	Front parking lights	12 V – 5 W		
	Rear turn signal lights	12 V – 45 CP		
	Brake/Taillights	12 V – 32/2 CP		
	Taillights	12 V – 2 CP		
	Front side marker lights	12 V – 3 CP		
	Rear side marker lights	12 V – 3 CP		
	Back-up lights	12 V – 32 CP		
	License plate lights	12 V – 8 W		
	Gauge lights	12 V – 3.0 W, 1.4 W		
	Indicator lights	12 V – 1.4 W, 1.96 W		
	Glove box and fuse lights	12 V – 3.4 W		
	Ceiling lights	12 V – 8 W		
	Trunk lights	12 V – 3.4 W		
	Door courtesy lights	12 V – 3.4 W		
	Footwell light	12 V – 5 W		
	Illumination and indicator lights	12 V – 1.4 W, 0.84 W		
		12 V – 0.91 W, LED		
	High mount brake light	LED		