

Design Specification

	ITEM		METRIC		ENGLISH		NOTES	
Dimensions	Overall Length		4,890 mm		192.5 in			
	Overall Width		1,810 mm		71.3 in			
	Overall Height		1,360 mm		53.5 in			
	Wheelbase		2,830 mm		111.4 in			
	Track F/R		1,550/1,540 mm		61.0/60.6 in			
	Ground Clearance		150 mm		5.9 in			
	Seating Capacity		Five					
Weight (USA)	Gross Vehicle Weight Rating (GVWR)		2,040 kg		4,500 lb			
Weight (CANADA)	Gross Vehicle Weight Rating (GVWR)		2,040 kg		4,500 lb			
ENGINE	Type		Water cooled, 4-stroke SOHC gasoline engine					
	Cylinder Arrangement		90° V6-cylinder					
	Bore and Stroke		90.0 x 84.0 mm		3.54 x 3.31 in			
	Displacement		3,206 cm ³ (cc)		196 cu in			
	Compression Ratio		9.6					
	Valve Train		Belt driven, SOHC					
	Lubrication System		Forced and wet sump					
	Fuel Required		Premium UNLEADED gasoline					
			Pump Octane number of 91 (research octane number of 96) or higher					
STARTER	Type/Makes		Gear reduction, permanent magnet/ MITSUBISHI or Gear reduction, permanent magnet/MITSUBA					
	Normal Output		2.0 kW					
	Nominal Voltage		12 V					
	Hour Rating		30 seconds					
	Direction of Rotation		Clockwise as viewed from gear end					
	Weight		5.2 kg		11.5 lb			
CLUTCH	Clutch Type		M/T		Single plate dry, diaphragm spring			
	Clutch Lining Area		M/T		Torque converter			
TRANSMISSION	Transmission		M/T		Synchronized 5-speed forward, 1 reverse			
			A/T		Electronically controlled			
	Primary Reduction		4-speed automatic, 1 reverse					
			Direct 1 : 1					
	Type		Manual		Automatic			
	Gear Ratio	1st		2.973		2.476		
		2nd		1.692		1.451		
		3rd		1.060		0.973		
		4th		0.769		0.630		
		5th		0.581		—		
		Reverse		2.800		1.829		
	Secondary Reduction		Gear Type		Single helical gear			USA/CANADA
		Gear ratio		1.433 1.394/1.333				
Final Reduction		Gear type		Spiral bevel gear				
		Gear ratio		3.133 3.133				

Design Specification (cont'd)

	ITEM		METRIC	ENGLISH	NOTES
AIR CONDITIONER	Cooling Capacity — Conditions: Compressor Speed Outside Air Temperature Outside Air Humidity Condenser Air Temperature Condenser Air Velocity Blower Capacity		4,900 Kcal/h 1,800 rpm 27 °C 50 % 35 °C 4.5 m/sec 480 m ³ /h	19,443 BTU/h 81 °F 95 °F 14.8 ft/sec 16,954 cu ft/h	at 12 V
	Compressor	Type/Make No. of Cylinder Capacity Max. Speed Lubricant Capacity	Swash-plate type/NIPPONDENSO 10 207.4 cc/rev 7,600 rpm 120 cc	12.7 cu in/rev 4.06 (4.22) US (Imp) oz	
	Condenser	Type	Corrugated fin type		
	Evaporator	Type	Corrugated fin type		
	Blower	Type Motor Input Speed Control Max. Capacity	Sirocco fan 200 W/12 V Infinite variable 480 m ³ /h	16,954 cu ft/h	at 13.5 V
	Temp. control		Air-mix type		
	Comp. clutch	Type Power Consumption	Dry, single plate, v-belt drive 40 W/12 V		
	Refrigerant	Type Quantity	R 12 750 ⁺⁰ ₋₅₀ g	26.5 ⁺⁰ ₋₁ oz	
STEERING SYSTEM	Type Overall Ratio Turns, Lock-to-Lock Steering Wheel Dia.		Power assisted, rack and pinion 16.7 3.24 390 mm	150.0 in	
SUSPENSION	Type, Front Type, Rear Shock Absorber, Front and Rear		Independent double wishbone, coil spring with stabilizer Independent double wishbone, coil spring with stabilizer Telescopic, hydraulic nitrogen gas-filled		
WHEEL ALIGNMENT	Camber	Front Rear	0° 00' -0° 20' 3° 45'		
	Caster				
	Toe	Front Rear	Out 1.0 mm In 2.0 mm	Out 0.04 in In 0.03 in	
BRAKE SYSTEM	Type,	Front Rear	Power assisted self-adjusting ventilated disc Power assisted self-adjusting solid disc with parking brake drum	58.0 cm ² 28.0 (49.0) cm ² 4.34 (7.60) sq in	(): Parking brake
	Pad and Lining Surface Area: Front Rear		Mechanical expanding drums, rear two wheels		
	Parking Brake Kind and Type				

	ITEM	METRIC	ENGLISH	NOTES
TIRE	Size	205/60R15 91V T135/80 D16 (Spare tire)		
ELECTRICAL	Battery	12 V-61AH/5HR		
	Starter	12V-2.0 kW		
	Alternator	12V-110A		
	Fuses In The Under-Dash Fuse Box	7.5A, 10A, 15A, 20A, 30A		
	In The Under-Hood Relay/Fuse Box	7.5A, 10A, 15A, 20A, 30A, 40A, 50A, 120A		
	Headlights, High, Low	12V-55W/65W (Low/High)		
	Front Turn Signal Lights	12V-45CP		(SAE 3497)
	Front Parking Lights	12V-5W		(SAE 3652)
	Rear Turn Signal Lights	12V-45CP		(SAE 3497)
	Stop/Taillights	12V-32/2CP		(SAE 2057)
	Side Marker Lights Front/Rear	12V-5W/12V-3CP		(SAE 168)
	Back-up Lights	12V-32CP		(SAE 1156)
	High Mount Brake Light	12V-45CP		(SAE 3497)
	License Plate Lights	12V-8W		
	Gauge Lights	12V-3.0W, 1.4W		
	Indicator Lights	12V-1.12W, 1.4W		
	Warning Lights	12V-1.4W		
	Ceiling Lights Front/Rear	12V-5W/12V-3.4W		
	Trunk Light	12V-3.4W		
	Door Courtesy Lights	12V-3.4W		
	Vanity Mirror Light	12V-1.6W		
	Illumination and Pilot Lights	12V-1.4W, 1.12W, 0.84W		
		12V-0.91W, 0.56W, LED		
	Heater Illumination Light (Manual A/C)	12V-1.4W		
	Spot Light (front and rear)	12V-5W		(SAE 3952)