

Design Specification

	ITEM		METRIC		ENGLISH		NOTES
Dimensions	Overall Length		4,950 mm		194.9 in		
	Overall Width		1,810 mm		71.3 in		
	Overall Height		1,400 mm		55.1 in		
	Wheelbase		2,910 mm		114.6 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	Cluth Type	M/T	Single plate dry, diaphragm spring				
		A/T	Torque converter				
	Clutch Lining Area	M/T	251 cm ²		39 sq in		
TRANSMISSION	Transmission	M/T A/T	Synchronized 5-speed forward, 1 reverse Electronically controlled 4-speed automatic, 1 reverse. Direct 1 : 1				
	Primary Reduction		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			

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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		8.99 sq in 4.34 (7.60) sq in (): Parking brake
	Pad and Lining Surface Area: Front Rear Parking Brake Kind and Type		Mechanical expanding drums, rear two wheels		

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TIRE	Size	205/60 R15 91V or 205/60 VR 15 (Std) T135/80 D16 (Spare tire)		
ELECTRICAL	Battery Starter Alternator Fuses In The Under-Dash Fuse Box In The Under-Dash Fuse/Relay Box Headlights, High, Low Front Turn Signal Lights Front Parking Light Rear Turn Signal Lights Brake/Tail Lights Taillights Side Marker Lights Front/Rear Back-up Lights High Mount Brake Light License Plate Lights Gauge Lights Indicator Lights Ceiling Lights Front and rear Trunk Light Door Courtesy Lights Illumination and Pilot Lights Heater Illumination Light (Manual A/C) Spot Light Front and rear	12 V-72AH/5HR 12V-2.0 kW 12V-110A 7.5A, 10A, 15A, 20A, 30A 7.5A, 10A, 15A, 20A, 30A, 40A, 50A, 120A 12V-55W/65W (Low/High) 12V-45CP 12V-5W 12V-45CP 12V-32/2CP 12V-4CP 12V-5W/12-3CP 12V-32CP 12V-45CP 12V-8W 12V-3.0W, 1.4W 12V-1.12W, 1.4W 12V-5W 12V-3.4W 12V-3.4W 12V-1.4W, 1.12W, 0.84W 12V-0.91W, 0.56W, LED 12V-1.4W 12V-5W	(SAE 3497) (SAE 3652) (SAE 3497) (SAE 2057) (SAE 1156) (SAE 3952/ SAE1168) (SAE 1156) (SAE 3497)	(SAE 3952)