

Design Specification

	ITEM		METRIC		ENGLISH	NOTES
DIMENSIONS	Overall Length	Sedan	4,955 mm		195.1 in	
		Coupe	4,890 mm		192.5 in	
	Overall Width		1,810 mm		71.3 in	
	Overall Height	Sedan	1,400 mm		55.1 in	
		Coupe	1,360 mm		53.5 in	
	Wheelbase	Sedan	2,910 mm		114.6 in	
		Coupe	2,830 mm		111.4 in	
	Track Front/Rear		1,550/1,540 mm		61.0/60.6 in	
Ground Clearance		150 mm		5.9 in		
Seating Capacity		Five				
WEIGHT	Gross Vehicle Weight Rating (GVWR)		2,040 kg		4,500 lbs	
ENGINE	Type		Water cooled, 4-stroke SOHC gasoline engine			at 6,000 pump rpm
	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 (ml)	196 cu-in		
	Compression Ratio		9.6			
	Valve Train		Belt driven, SOHC			
	Lubrication System		Forced and wet sump, trochoid pump			
	Oil Pump Displacement		42.3 l/min	44.7 US qt/min		
[At oil temp. 248°F (120°C)]			39.3 Imp qt/min			
Fuel Required		Premium UNLEADED gasoline			at 5,760 pump rpm	
Water Pump Displacement		Pump Octane number of 91 or higher				
[At coolant temp. 77°F (25°C)]		178 l/min	188 US qt/min			
			157 Imp qt/min			
STARTER	Type/Make		Planetary gear reduction, permanent magnet/MITSUBISHI			
	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 lbs		
CLUTCH	Clutch Type	M/T	Single plate dry, diaphragm spring			
		A/T	Torque converter			
	Clutch Lining Area	M/T	251 cm ²	39 sq-in		
TRANS-MISSION	Transmission	M/T	Synchronized 5-speed or 6-speed forward, 1 reverse			
		A/T	Electronically controlled			
	Primary Reduction		4-speed automatic, 1 reverse			
			Direct 1 : 1			
	Type		Manual		Automatic	
			L	GS		
	Gear Ratio	1st	2.937	2.937	2.458	*1: L, LS *2: GS
		2nd	1.692	1.692	1.454	
		3rd	1.060	1.151	0.973* ¹ , 0.948* ²	
		4th	0.769	0.868	0.630	
	5th	0.581	0.682	—		
	6th	—	0.521	—		
	Reverse	3.186	3.186	1.826		
Secondary Reduction	Gear Type	Single helical gear			USA/CANADA	
	Gear ratio	1.433	1.394* ¹ /1.333* ¹			
			1.527* ²			
Final Reduction	Gear type	Spiral bevel gear				
	Gear ratio	3.133	3.133			

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(cont'd)

	ITEM		METRIC	ENGLISH	NOTES
AIR CONDITIONING	Cooling Capacity		4,900 Kcal/h	19,443 BTU/h	
	Compressor	Type/Make No. of Cylinder Capacity Max. Speed Lubricant Capacity	Swash-plate/NIPPONDENSO 10 207.4 cm ³ /rev 12.7 cu-in/rev 7,600 rpm 180 ml 6 fl oz, 6.3 Imp qt		Lubricant type: ND-OIL8
	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		
	Compressor clutch	Type Power Consumption	Dry, single plate, poly-V-belt drive 40 W/12 V		
	Refrigerant	Type Quantity	HFC-134a (R-134a) 750 $\frac{0}{50}$ g 26.5 $\frac{0}{1.8}$ oz		
STEERING SYSTEM	Type Overall Ratio Turns, Lock-to-Lock Steering Wheel Dia.		Power assisted, rack and pinion 16.7 3.64 390 mm 15.4 in		
SUSPENSION	Type	Front	Independent double wishbone, coil spring with stabilizer		
		Rear	Independent double wishbone, coil spring with stabilizer		
	Shock Absorber	Front and Rear	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 0.08 in	
BRAKE SYSTEM	Type	Front Rear	Power assisted self-adjusting ventilated disc Power assisted self-adjusting solid disc with parking brake drum		
	Pad and Lining Surface Area:	Front Rear	58.0 cm ² 28.0 (49.0) cm ²	8.99 sq-in 4.34 (7.60) sq-in	(): Parking brake
	Parking Brake	Type	Mechanical expanding drums, rear two wheels		

[illegible]