

# Design Specifications

	ITEM			METRIC	ENGLISH	NOTES	
DIMENSIONS	Overall Length			4,315 mm	169.9 in		
	Overall Width			1,695 mm	66.7 in		
	Overall Height			1,390 mm	54.7 in		
	Wheelbase			2,620 mm	103.1 in		
	Track	Front/Rear		1,475/1,465 mm	58.1/57.7 in		
	Ground Clearance			150 mm	5.9 in		
	Seating Capacity			Five			
WEIGHT	Curb Weight	1.4i	M/T	1,090 kg	2,403 lbs		
			A/T	1,115 kg	2,458 lbs		
		1.4i with ABS	M/T	1,105 kg	2,436 lbs		
			A/T	1,130 kg	2,491 lbs		
		1.5i VTEC-E	M/T	1,090 kg	2,403 lbs		
		1.5i VTEC-E with ABS	M/T	1,105 kg	2,436 lbs		
		1.6i LS	M/T	1,130 kg	2,491 lbs		
			A/T	1,155 kg	2,546 lbs		
		1.6i SR VTEC	M/T	1,145 kg	2,524 lbs		
	Weight Distributions (Front/Rear)						
		1.4i	M/T	640/450 kg	1,411/992 lbs		
			A/T	665/450 kg	1,466/992 lbs		
		1.4i with ABS	M/T	650/455 kg	1,433/1,003 lbs		
			A/T	675/455 kg	1,488/1,003 lbs		
		1.5i VTEC-E	M/T	640/450 kg	1,411/992 lbs		
		1.5i VTEC-E with ABS	M/T	650/455 kg	1,433/1,003 lbs		
		1.6i LS	M/T	660/470 kg	1,455/1,036 lbs		
			A/T	685/470 kg	1,510/1,036 lbs		
		1.6i SR VTEC	M/T	670/475 kg	1,477/1,047 lbs		
Max. Permissible Weight (EC) Except 1.6 ℓ			1,600 kg	3,527 lbs			
1.6 ℓ			1,650 kg	3,638 lbs			
Max. Permissible Axle Front Except 1.6 ℓ			810 kg	1,786 lbs	*: For towing a trailer		
1.6 ℓ			845 kg	1,863 lbs			
Weight (EC) Rear Except 1.6 ℓ			810/870* kg	1,786/1,918* lbs			
1.6 ℓ			840/880* kg	1,852/1,940* lbs			
ENGINE	Type	D14A2/D16Y3 Engines		Water-cooled, 4-stroke SOHC gasoline engine			
		D15Z3 engine		Water-cooled, 4-stroke SOHC VTEC-E gasoline engine			
		D16Y2 engine		Water-cooled, 4-stroke SOHC VTEC gasoline engine			
	Cylinder Arrangement			Inline 4-cylinder, transverse			
	Bore and Stroke	D14A2 engine		75.0 x 79.0 mm	2.95 x 3.11 in		
		D15Z3 engine		75.0 x 84.5 mm	2.95 x 3.33 in		
		D16Y2/D16Y3 engines		75.0 x 90.0 mm	2.95 x 3.54 in		
	Displacement	D14A2 engine		1,396 cm <sup>3</sup>	85 cu-in		
		D15Z3 engine		1,493 cm <sup>3</sup>	91 cu-in		
		D16Y2/D16Y3 engines		1,590 cm <sup>3</sup>	97 cu-in		
	Compression Ratio	D14A2 engine		9.2			
		D15Z3 engine		9.3			
		D16Y2 engine		9.5			
		D16Y3 engine		9.1			
	Valve Train	D14A2/D16Y3 engines		Belt driven, 4 valves per cylinder, SOHC			
		D15Z3/D16Y2 engines		Belt driven, 4 valves per cylinder, SOHC VTEC			
	Lubricant System			Forced and wet sump, trochoid pump			
	Oil Pump Displacement at 6,000 min <sup>-1</sup> (rpm)			42.6 ℓ (48.4 US qt, 40.3 Imp qt)/minute			
	Water Pump Displacement at 6,000 min <sup>-1</sup> (rpm)			125 ℓ (132 US qt, 110 Imp qt)/minute			
Fuel Required	D14A2/D15Z3/D16Y3 engines		UNLEADED gasoline with a Research Octane Number (RON) of 91 or higher				
	D16Y2 engine		Premium UNLEADED gasoline with a Research Octane Number (RON) of 95 or higher				

	ITEM		METRIC		ENGLISH		NOTES	
STARTER	Make/Type, Output Normal Output Normal Voltage Hour Rating Direction of Rotation Weight		Valeo/Gear Reduction, 1.0 kW 1.0 kW 12 V 30 seconds Clockwise as view from gear end approx. 3.2 kg   approx. 7.1 lbs					
CLUTCH	Type	M/T A/T	Single plate dry, diaphragm spring Torque converter					
	Facing Area	M/T	176 cm <sup>3</sup>	27 sq-in				
TRANSMISSION	Type	M/T A/T	Synchronized 5-speed forward, 1 reverse 4-speed automatic with lock-up clutch, 1 reverse Direct/1 : 1					
	Primary Reduction	Type/Ration						
	Manual Transmission		D14A2	D15Z3	D16Y2	D16Y3		
	Gear Ration	1st	3.250	3.250	3.250	3.250		
		2nd	1.761	1.761	1.900	1.900		
		3rd	1.172	1.172	1.250	1.250		
		4th	0.909	0.909	0.937	0.909		
		5th	0.702	0.702	0.771	0.702		
		Reverse	3.153	3.153	3.153	3.153		
		Final	4.437	3.722	4.250	4.058		
	Type		Single helical gear					
	Automatic Transmission							
	Gear Ration	1st	2.600					
		2nd	1.393					
		3rd	0.975					
		4th	0.772					
		Reverse	1.954					
	Final Reduction Gear	Ratio	4.333					
		Type	Single helical gear					
AIR CONDITIONING	Cooling Capacity		4,040 kcal/h	16,023 BTU/h				
	Compressor	Type/Make No. of Cylinder Capacity Max. Speed Lubricant Capacity Lubricant Type	Scroll/HADSYS 85.7 mℓ/rev   5.22 cu-in/rev 10,000 min <sup>-1</sup> (rpm) SP-10 (P/N 38899 – P13 – 003) 120 mℓ   4 fl oz, 4.2 Imp oz					
	Condenser	Type	Corrugated fin					
	Evaporator	Type	Corrugated fin					
	Blower	Type Motor Input Speed Control Max. Capacity	Sirocco fan 200 W/12 V 4-speed 410 m <sup>3</sup> /h   14,482 cu-ft/h					
	Temperature Control	Type	Air-mix					
	Compressor Clutch	Type Power Consumption	Dry, single plate, poly-V-belt drive 42 W max./12 V					
	Refrigerant	Type Quantity	HFC-134a (R-134a) 550 g   19.4 oz					

# Design Specifications

(cont'd)

(cont'd)	ITEM		METRIC	ENGLISH	NOTES
STEERING SYSTEM	Type		Power assisted, rack and pinion		
	Overall Ratio	1.6i SR VTEC	17.5		
		Except 1.6i SR VTEC	17.1		
	Turns, Lock-to-Lock	1.6i SR VTEC	3.23		
		Except 1.6i SR VTEC	3.48		
	Steering Wheel Dia.		380 mm	15.0 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	0°, 0°07'*		*: 1.6i SR VTEC
		Rear	-0° 50'		
	Caster	Front	1° 10'		
	Total Toe	Front	0 mm	0 in	
		Rear	In 2.3 mm	In 0.09 in	
BRAKE SYSTEM	Type	Front	Power-assisted self-adjusting ventilated disc		
		Rear	Power-assisted self-adjusting drum		
	Pad Surface Area	Front	48.7 cm² x 2	7.6 sq-in x 2	
		Rear	20.4 cm² x 2	3.2 sq-in x 2	
	Lining Surface Area	Rear	65.7 cm² x 2	10.2 sq-in x 2	Drum brake
	Parking Brake	Type	Mechanical actuating, rear two wheel brakes		
TIRE	Size and Pressure		See tire label (see page 1-5)		
ELECTRICAL	Battery		12 V - 36 AH/5 HR		*: 1.6i SR VTEC
	Starter		12 V - 1.0 kW		
	Alternator		12 V - 70 A		
	Fuses	In Under-dash Fuse/Relay Box	7.5 A, 10 A, 15 A, 20 A, 30 A		
		In Under-hood Fuse/Relay Box	7.5 A, 10 A, 15 A, 20 A, 30 A		
			40 A, 50 A, 80 A		
	Headlights	High/Low	12 V - 60/55 W (H4)		
	Front Turn Signal Lights		12 V - 21 W		
	Front Parking Lights		12 V - 5 W		
	Side Turn Signal Lights		12 V - 5 W		
	Rear Turn Signal Lights		12 V - 21 W		
	Brake/Tail-lights		12 V - 21/5 W		
	Back-up Lights		12 V - 21 W		
	Front Fog Light*		12 V - 55 W		
	Rear Fog Light		12 V - 21 W		
	License Plate Lights		12 V - 5 W		
	Ceiling Light		12 V - 5 W		
	Luggage Area Light		12 V - 5 W		
	Gauge Lights		12 V - 3.4 W		
	Glove Light		12 V - 5 W		
	Indicator Lights		12 V - 0.84 W, 1.12 W, 1.4 W		
	Illumination and Pilot Lights		12 V - 0.56 W, 0.84 W, 0.91 W, 1.12 W, 1.4 W, LED		
	Heater Illumination Lights		12 V - 1.4 W		