

# Design Specifications

	ITEM	METRIC	ENGLISH	NOTES		
<b>DEMENSIONS</b>	Overall Length	5D 4,265 mm	167.9 in	Car equipped with catalytic converter		
	Overall Width	4D 4,410 mm	173.6 mm			
	Overall Height	1,690 mm	66.5 in			
	Wheelbase	1,395 mm	54.9 in			
	Track, Front/Rear	2,550 mm	100.4 in			
	Ground Clearance	1,475/1,470 mm	58.1/57.9 in			
	Turning Circle Diameter (at body end)	160 mm	6.3 in			
Seating Capacity	150 mm	5.9 in	33.5 ft			
		10,2 m	Five			
<b>WEIGHT 5 Door</b>	Curb weight					
	GL 1400 2 Carb.	M/T	1,030 kg	2,271 lb	} KB } KE,KF,KG } KB,KE,KF,KG,KX } KE,KG,KX } KB,KE,KF,KG,KX } KB } KB,KE,KF,KG,KX } KB } KE	
	1.5i 1500 PGM-FI	A/T	1,050 kg	2,315 lb		
		M/T	1,035 kg	2,282 lb		
		A/T	1,055 kg	2,326 lb		
	1.6i 1600 SOHC PGM-FI	M/T	1,085 kg	2,392 lb		
		A/T	1,105 kg	2,436 lb		
	1.6i 1600 SOHC PGM-FI	M/T	1,099 kg	2,423 lb		
	(A.L.B.)	A/T	1,119 kg	2,467 lb		
	1.6i-16 1600 DOHC PGM-FI	M/T	1,100 kg	2,425 lb		
		A/T	1,120 kg	2,469 lb		
	1.6i-16 1600 DOHC PGM-FI	M/T	1,114 kg	2,456 lb		
	(A.L.B.)	A/T	1,134 kg	2,500 lb		
	1.6i-16SE 1600 DOHC PGM-FI	M/T	1,100 kg	2,425 lb		
	(A.L.B.)	M/T	1,114 kg	2,456 lb		
	Weight Distribution (Front/Rear)					
	GL 1400 2 Carb.	M/T	590/440 kg	1,301/ 970 lb		} KB } KE,KF,KG } KB,KE,KF,KG,KX } KE,KG,KX } KB,KE,KF,KG,KX } KB } KB,KE,KF,KG,KX } KB } KE
	1.5i 1500 PGM-FI	A/T	610/440 kg	1,345/ 970 lb		
		M/T	595/440 kg	1,312/ 970 lb		
		A/T	615/440 kg	1,356/ 970 lb		
1.6i 1600 SOHC PGM-FI	M/T	625/460 kg	1,378/1,014 lb			
	A/T	645/460 kg	1,422/1,014 lb			
1.6i 1600 SOHC PGM-FI	M/T	637/462 kg	1,404/1,019 lb			
(A.L.B.)	A/T	657/462 kg	1,448/1,019 lb			
1.6i-16 1600 DOHC PGM-FI	M/T	635/465 kg	1,400/1,025 lb			
	A/T	655/465 kg	1,444/1,025 lb			
1.6i-16 1600 DOHC PGM-FI	M/T	647/467 kg	1,426/1,030 lb			
(A.L.B.)	A/T	667/467 kg	1,470/1,030 lb			
1.6i-16SE 1600 DOHC PGM-FI	M/T	635/465 kg	1,400/1,025 lb			
(A.L.B.)	M/T	647/467 kg	1,426/1,030 lb			
Max. Permissible Weight (European)						
GL, 1.5i		1,530 kg	3,373 lb			
1.6i, 1.6i-16, 1.6i-16SE		1,580 kg	3,483 lb			

	ITEM	METRIC	ENGLISH	NOTES	
<b>WEIGHT 4 Door</b>	Curb weight				
	GL 1400 2 Carb. M/T	1,020 kg	2,249 lb	} KB } KF } KB,KE,KF } KE } KB,KE,KF } KB } KB,KE,KF } KB } KE	
	A/T	1,040 kg	2,293 lb		
1.5i 1500 PGM-FI M/T	1,025 kg	2,260 lb			
A/T	1,045 kg	2,304 lb			
1.6i 1600 SOHC PGM-FI M/T	1,075 kg	2,370 lb			
A/T	1,095 kg	2,414 lb			
1.6i 1600 SOHC PGM-FI M/T	1,089 kg	2,400 lb			
(A.L.B.) A/T	1,109 kg	2,445 lb			
1.6i-16 1600 DOHC PGM-FI M/T	1,090 kg	2,403 lb			
A/T	1,110 kg	2,447 lb			
1.6i-16 1600 DOHC PGM-FI M/T	1,104 kg	2,434 lb			
(A.L.B.) A/T	1,124 kg	2,478 lb			
1.6i-16SE 1600 DOHC PGM-FI M/T	1,090 kg	2,403 lb			
(A.L.B.) M/T	1,104 kg	2,434 lb			
	Weight Distribution (Front/Rear)				
GL 1400 2 Carb. M/T	590/430 kg	1,301/ 948 lb	} KB } KF } KB,KE,KF } KE } KB,KE,KF } KB } KB,KE,KF } KB } KE		
A/T	610/430 kg	1,345/ 948 lb			
1.5i 1500 PGM-FI M/T	595/430 kg	1,312/ 948 lb			
A/T	615/430 kg	1,356/ 948 lb			
1.6i 1600 SOHC PGM-FI M/T	625/450 kg	1,378/ 992 lb			
A/T	645/450 kg	1,422/ 992 lb			
1.6i 1600 SOHC PGM-FI M/T	637/452 kg	1,404/ 996 lb			
(A.L.B.) A/T	657/452 kg	1,448/ 996 lb			
1.6i-16 1600 DOHC PGM-FI M/T	635/455 kg	1,400/1,003 lb			
A/T	655/455 kg	1,444/1,003 lb			
1.6i-16 1600 DOHC PGM-FI M/T	647/457 kg	1,426/1,008 lb			
(A.L.B.) A/T	667/457 kg	1,470/1,008 lb			
1.6i-16SE 1600 DOHC PGM-FI M/T	635/455 kg	1,400/1,003 lb			
(A.L.B.) M/T	647/457 kg	1,426/1,008 lb			
	Max. Permissible Weight (European)				
GL, 1.5i	1,530 kg	3,373 lb			
1.6i, 1.6i-16, 1.6i-16SE	1,580 kg	3,483 lb			
<b>ENGINE</b>	Type	SOHC	Water-cooled 4-stroke SOHC 16-valve		
		DOHC	Water-cooled 4-stroke DOHC 16-valve		
Cylinder arrangement			4-cylinder in-line transversely mounted		
Bore and Stroke	1.4ℓ	75x79 mm	2.95x3.11 in		
	1.5ℓ	75x84.5mm	2.95x3.33 in		
	1.6ℓ	75x90 mm	2.95x3.54 in		
Displacement	1.4ℓ	1,396 cm <sup>3</sup>	85.2 cu in		
	1.5ℓ	1,493 cm <sup>3</sup>	91.1 cu in		
	1.6ℓ	1,590 cm <sup>3</sup>	97.0 cu in		
Compression Ratio	1.4ℓ		9.3		
	1.5ℓ		9.2		
	1.6ℓ SOHC		9.1		
	1.6ℓ DOHC		9.5		
Valve Train		SOHC	4valves per cylinder, single overhead camshaft.		
		DOHC	4valves per cylinder, dual overhead camshafts.		
Fuel Supply System		1.4ℓ	CV Dual carburetors		
		1.5ℓ	Dual-point PGM-FI		
	1.6ℓ SOHC, 1.6ℓ DOHC		Multi-point PGM-FI		
Lubrication System			Forced and wet sump		
Fuel Required	1.4ℓ 2-Carb		Leaded gasoline or unleaded gasoline with 91 R.O.N. or higher	KB, KF	
	1.5ℓ PGM-FI, 1.6ℓ SOHC		Unleaded gasoline with 91 R.O.N. or higher		
	1.6ℓ DOHC with CATA		Unleaded gasoline with 95 R.O.N. or higher		
	1.6ℓ DOHC with out CATA		Leaded gasoline with 98 R.O.N. or higher or unleaded gasoline with 95 R.O.N. or higher	KB	

# Design Specifications

	ITEMS	METRIC	ENGLISH	NOTES	
<b>STARTER</b>	Type	1.0kW, 1.4kW	Gear reduction type		
	Normal Output		1.0kW, 1.4kW		
	Normal Voltage		12V		
	Hour Rating		30 seconds		
	Direction of Rotation		Clockwise as viewed from gear end		
	Weight	1.0kW MITSUBA	3.4 kg	7.5 lb	
		1.0kW ND	3.85 kg	8.5 lb	
		1.4kW MITSUBA	3.7 kg	8.2 lb	
<b>TRANSMISSION</b>	Clutch	M/T	Single plate dry, diaphragm spring		
		A/T	Torque converter		
	Clutch Facing Area	M/T	160 cm <sup>2</sup>	24.8 sq. in.	
	Transmission Type	M/T	5-speed forward, synchromesh, 1 reverse		
	Primary Reduction	A/T	4-speed forward, with lock-up clutch, 1 reverse		
			1,000		
	Type		5-speed manual except DOHC	5-speed manual DOHC	
	Gear Ratio	1st	3.250	3.250	
		2nd	1.894	1.944	
		3rd	1.259	1.346	
	4th	0.937	1.033		
	5th	0.771	0.848		
	Reverse	3.153	3.153		
	Final	4.437	4.250		
	Type	4-speed automatic except DOHC	4-speed automatic DOHC		
	1st	2.705	2.705		
	2nd	1.560	1.560		
	3rd	1.027	1.085		
	4th	0.780	0.825		
	Reverse	1.954	1.954		
	Final	3.933* <sup>1</sup>	4.124		
		4.214* <sup>2</sup>			
	Final Reduction Gear Type	Single helical gear			
<b>AIR CONDITIONER</b>	Compressor	MATSUSHITA			
	Cooling Capacity	3,850 kcal/h			
	—Conditions:				
	Compression min <sup>-1</sup> (rpm)	1,800 min <sup>-1</sup> (rpm)			
	Outside Air Temperature	27.0°C		81°F	
	Outside Air Humidity		50%		
	Condenser Air Temperature	35°C		95°F	
	Condenser Air Velocity	4.5 m/sec.		14.8 ft/sec.	
	Blower Capacity	440 m <sup>3</sup> /h		15.118 cu. ft/h	
	Compressor	Type	Vane rotary type		
		Number of Vane	3		
		Displacement	130cc/rev.	7.93 cu. in./rev	
	Max. min <sup>-1</sup> (rpm)	7,500 min <sup>-1</sup> (rpm)			
	Lubricant Capacity	130 cc	7.93 cu. in.		
Receiver Dryer With Desiccant		Includes fusible safety plug			
Condenser		Corrugated fin type			
Evaporator		Corrugated fin type			
Blower	Type	Sirocco fan			
	Motor input	170W (12V)			
	Speed control	4 speeds			
	Max. capacity	390 m <sup>3</sup> /h	13,773 cu ft/h		
Temp. Control		Air-mix type			
Comp. Clutch	Type	Dry, single plate, V-belt			
	Power consumption	32W max. 12V			
Refrigerant	Type	R-12			
	Quantity	0.90±0.05 kg	1.98±0.11 lbs		
<b>STEERING SYSTEM</b>	Type	Rack and pinion			
	Overall Ratio	19.95: 1, 16.96 (with power assist)			
	Turn, lock-to-lock	4.0, 3.4 (with power assist)			
	Steering Wheel Dia	370 mm	14.6 in		
	Power Steering Fluid Capacity	1.2 lit.	13 US. qt., 1.1 Imp. qt.		
	Power Steering Fluid	Use only DEXRON®II Automatic Transmission Fluid(A.T.F.)			
<b>SUSPENSION SYSTEM</b>	Type, Front	Independent strut with coil spring and stabilizer			
	Rear	Independent double wishbone with coil spring			
Shock Absarber	Front/Rear	(1.6i-16and 1.6i-16SE:with coil springand stabilizer) Telescopic, Nitrogen gas filled.			

\*<sup>1</sup> Carbureted  
\*<sup>2</sup> Fuel-Injected

	ITEMS		METRIC	ENGLISH	NOTES
<b>WHEEL ALIGNMENT</b>	Wheel alignment Total Toe	Front Rear	OUT 0.7 ± 1.4 mm IN 2.3 ± 1.4 mm	OUT 0.028 ± 0.055 IN 0.091 ± 0.055	
	Camber	( ° ) Front/Rear Front Rear	OUT 0°04' ± 8' / IN 0°13.5' ± 8' -0°20' ± 30' -0°26' ± 30'		
	Caster Kingpin Inclination	Front Rear	1°38' ± 30' 12°07'		
<b>BRAKE SYSTEM</b>	Type	Front Rear	Power assisted self-adjusting ventilated discs Power assisted leading/trailing shoe drums Power assisted self-adjusting solid discs		
	Lining Surface Area	Front Rear	49.2 cm² X4 65.6 (21.0) cm² X4	7.63 sq.in.X4 10.17 (3.25) sq.in.X4	( ) : EX,SX
	Effective Diameter	Front Rear	214 mm 208 mm 203 mm	8.43 in. 8.19 in. 7.99 in.	
	Brake Drum				
<b>TIRES</b>	Size	GL, 1.5i 1.6i 1.6i-16, 1.6i-16SE		175/65R14 82T 175/65R14 82H 185/60R14 82H	
<b>ELECTRICAL</b>	Battery Starter Alternator Fuses	In the dash fuse box In the main fuse box		12V-47AH 12V-1.0kW, 1.4kW 12V-60 amps 10A, 15A, 20A, 30A 10A, 15A, 30A, 40A, 60A	
	Headlights High/Low Front Turn Signal Lights Rear Turn Signal Lights Side Turn Signal Lights Stop/Taillights Side Marker Lights Back-up Lights License Plate Lights Gauge Lights Indicator Lights Warning Lights Dome Light Luggage Area Light Illumination and Pilot Lights			12V-60/55W 12V-21W 12V-21W 12V-5W 12V-21/5W 12V-5W 12V-21W 12V-5W 12V-3.0W, 1.4W 12V-1.4W 12V-1.4W 12V-5W 12V-3.4W 12V-1.4W 0.91W, LED 12V-1.4W 12V-3.4W 12V-21W	
	Heater Illumination Lights Coutesy Lights Rear fog lights				