

Design Specifications (4D)

	ITEMS	METRIC	ENGLISH	NOTES
DIMENSIONS	Overall length	4,700 mm 4,705 mm 4,710 mm 4,710 mm	185.0 in 185.2 in 185.4 in 185.4 in	Gulf model Australian model Finish model
	Overall width	1,695 mm 1,705 mm 1,705 mm	66.7 in 67.1 in 67.1 in	Gulf model Australian model
	Overall height	1,400 mm 1,390 mm 1,400 mm	55.1 in 54.7 in 55.1 in	Gulf model
	Wheelbase	2,720 mm	107.1 in	
	Track	1,475 mm 1,480 mm	58.1 in 58.3 in	
	Ground clearance	160 mm 170 mm	6.3 in 6.7 in	
	Seating capacity			Gulf model
	Turning circle diameter (at tire center)	4.9 m 5.4 m	16.1 ft 17.7 ft	4WS 2WS
WEIGHT	Curb weight	See page 3-19		
	Max. permissible weight (for European)			
	2.0 l without Anti-lock brake system	1,740 kg	3,836 lb	
	2.0 l with Anti-lock brake system	1,760 kg	3,880 lb	
ENGINE	2.2 l	1,840 kg	4,056 lb	
	Max. vehicle weight (for Gulf)			
	2.0 l	1,780 kg	3,924 lb	
	2.2 l	1,840 kg	4,056 lb	
ENGINE	Type	Water-cooled, 4-stroke OHC		
	Cylinder arrangement	4-cylinder in-line transvers		
	Bore and stroke	85 × 88 mm 85 × 95 mm	3.35 × 3.46 in 3.35 × 3.74 in	2.0 l 2.2 l
	Displacement	1,997 cm ³ 2,156 cm ³	121.8 cu-in 131.5 cu-in	2.0 l 2.2 l
	Compression ratio	2.0 l carbureted 2.0 l fuel-injected 2.2 l (F22A3) 2.2 l (F22A2) 2.2 l (F22A9)	9.0 : 1 < 8.9 : 1 > 9.6 : 1 < 9.0 : 1 > 9.8 : 1 8.9 : 1 8.8 : 1	< >: With catalytic converter
	Valve train	Belt driven, single overhead camshaft		
	Lubrication system	Forced and wet sump, trochoid pump		
	Fuel required	F20A5*1 engine: Premium unleaded grade gasoline with 98 R.O.N. or higher F20A3, F20A5*2, F22A3 engine: Premium unleaded grade gasoline with 95 R.O.N. or higher F20A2, F20A3*1, F20A6, F22A 9 engine: Unleaded grade gasoline with 91 R.O.N. or higher F20A3*2, F22A2 engine: Leaded grade gasoline with 91 R.O.N. or higher		
STARTER	Type	Gear reduction		
	Normal output	European except KE Except European and KE	MT: 1.4 kW (2.2 l: 1.6 kW) AT: 1.6 kW	
	Normal voltage		12 V	
	Hour rating		30 seconds	
TRANSMISSION	Direction of rotation	Clockwise as viewed from gear end		
	Weight	ND Mitsuba 1.6 kW Mitsuba 1.4 kW	4.75 kg 3.7 kg 3.5 kg	10.5 lb 8.2 lb 7.7 lb
TRANSMISSION	Clutch	MT AT	Single plate dry, diaphragm spring Torque converter with lock-up clutch	
	Clutch lining area		203 cm ² 31.5 sq. in	
	Transmission	MT AT	Synchronized 5-speed forward, 1 reverse 4-speed forward automatic, 1 reverse or Electronically controlled dual range 4-speed forward automatic, 1 reverse	
	Primary reduction ratio		1 : 1 (Direct)	
	Gear ratio			

①: F20A2, F20A3, F20A6 ②: F20A5, F20A8, F22A2, F22A3, F22A7 ③: F22A9
④: 0, F20A2, F20A3, F20A6 ⑤: F22A6, F22A2, F22A9 ⑥: F22A3

*1: Except the UK (can be used UNLEADED) and FRANCE
*2: U.K. and FRANCE only

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Design Specifications (4D)

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	ITEMS		METRIC	ENGLISH	NOTES
AIR CONDITIONER	Cooling capacity		4,650 kcal/h	18,451 BTU/h	
	-Condition:				
	Compressor speed		1,900 min ⁻¹ (rpm)	81°F	
	Outside air temperature		27°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 ³	15,542 cu.ft/h	
	Compressor Type		Swash-plate		
	No. of cylinders		10		
	Capacity		178 cc/rev.	10.9 cu.in/rev.	
	Maximum speed		8,800 min ⁻¹ (rpm)		
	Lubricant capacity		90-120 cc	3.0-4.0 US oz.	
				3.2-4.2 Imp oz.	
	Condenser		Corrugated fin type		
	Evaporator		Corrugated fin type		
	Blower Type		Sirocco fan		
	Motor input		210 W (12 V)		
	Speed control		5-speed		
	Maximum capacity		500 m ³ /h	17,662 cu.ft/h	
	Temperature control		Air-mix type		
	Clutch Type		Dry single-plate		
	Power consumption		40W (12V) maximum		
	Refrigerant Type		R-12		
	Quantity		0.80-0.85 kg	1.8-1.9 lb	
STEERING SYSTEM	Type		Rack and pinion		
	Overall ratio		16.1 : 1 <13.0 : 1>		< >: 4WS
	Turns, lock-to-lock		3.13 <2.5>		< >: 4WS
	Steering wheel diameter		375 mm	14.8 in	
	Power steering fluid capacity		1.8 ℓ	1.9 US qt.	
	Power steering fluid		Genuine Power Steering Fluid P/N: 08208-99961	1.6 Imp qt.	
SUSPENSION	Type		Independent double wishbone, coil spring		
	Shock absorber		Independent double wishbone, coil spring		
	Front		Telescopic, hydraulic (nitrogen gas-filled)		(): except KP, KT
	Rear				
	Front and rear				
WHEEL ALIGNMENT	Total toe		0 mm	0.0	
	Front		IN 2.0 mm	0.08 in	
	Rear		IN 3.0 mm	0.12 in	
	Camber		0°00'		
	Front		-0°30'		
	Rear		-0°20'		
	Caster		3°00'		
BRAKE SYSTEM	Type		Ventilated disc		
	Front				
	Rear		Drum		
	Pad and lining swept area (total)		2.2 ℓ (except KY) or ABS or 4WS: Solid disc		
	Front		415 cm ²	64 sq. in	
	14 in		311 cm ²	48 sq. in	
	Rear		242 cm ²	38 sq. in	
	Drum		281 cm ²	44 sq. in	
	Disc				
TIRES	Size/Pressure				
ELECTRICAL	Fuses In the anti-lock brake system fuse box		7.5A, 15A, 50A		
	In the fuse box		7.5A, 10A, 15A, 30A		
	In the relay box		7.5A, 10A, 15A, 20A, 30A, 40A, 50A, 80A		
	Headlights		12V-65/55W, 55W		
	Turn signal lights		12V-21W		
	High/Low		12V-21W		
	Front		12V-5W		
	Rear		12V-5W		
	Position lights		12V-21W		
	License plate lights		12V-21W		
	Buck-up lights		12V-21W		
	Stop lights		12V-45CP		
	High mount brake light		12V-5W		
	Taillights		12V-21W		
	Rear fog lamp		12V-8W		
	Interior light		12V-3.4W		
	Door courtesy lights		12V-1.8W		
	Vanity mirror light		12V-3.4W		
	Boot light		12V-3.4W		
	Trunk light		12V-3.4/1.4W		
	Gauge lights		12V-0.84/0.91/1.12/1.2/1.4W		
	Indicator lights		12V-1.4/3.4W		
	Warning lights		12V-3.4W		
	Glove box light		12V-1.4/1.2W LED: 0.91W, 0.84W		
	Illumination and pilot lights		12V-1.2/1.4W		
	Heater illumination lights				

European Models

	ITEM	METRIC	ENGLISH	NOTES
WEIGHT	Carb weight			
	2.0 l CARB M/T DX	1,225 kg	2,701 lb	KG
		1,235 kg	2,723 lb	KS
	EX	1,225 kg	2,701 lb	KB, KF*
		1,230 kg	2,712 lb	KG, KF
		1,240 kg	2,734 lb	KE, KS
	EX with ABS	1,242 kg	2,738 lb	KB, KF*
		1,247 kg	2,749 lb	KG, KF
		1,257 kg	2,771 lb	KE, KS
	2.0 l CARB A/T DX	1,250 kg	2,756 lb	KG
		1,260 kg	2,778 lb	KS
	EX	1,250 kg	2,756 lb	KB, KF*
		1,255 kg	2,767 lb	KG
		1,265 kg	2,765 lb	KE, KS
	EX with ABS	1,267 kg	2,793 lb	KB, KF*
		1,272 kg	2,804 lb	KG
		1,282 kg	2,826 lb	KE, KS
	2.0 l PGM-FI M/T EXi	1,245 kg	2,745 lb	KB, KF*, KS
		1,250 kg	2,756 lb	KG
		1,255 kg	2,767 lb	KF
		1,260 kg	2,778 lb	KE
	EXi with ABS	1,262 kg	2,782 lb	KB, KF*, KS
		1,267 kg	2,793 lb	KG
		1,272 kg	2,804 lb	KF
		1,285 kg	2,833 lb	KX
		1,277 kg	2,815 lb	KE
	2.0 l PGM-FI A/T EXi	1,270 kg	2,800 lb	KB, KF*, KS
		1,275 kg	2,810 lb	KG
		1,280 kg	2,822 lb	KF
		1,285 kg	2,833 lb	KE
	EXi with ABS	1,287 kg	2,837 lb	KB, KF*, KS
		1,292 kg	2,848 lb	KG
		1,297 kg	2,859 lb	KF
		1,310 kg	2,888 lb	KX
		1,302 kg	2,870 lb	KE
	2.2 l M/T EXT	1,310 kg	2,888 lb	KG, KX
		1,305 kg	2,877 lb	KF
		1,315 kg	2,899 lb	KE, KS
	EXT with 4WS	1,345 kg	2,965 lb	KG, KX
		1,340 kg	2,954 lb	KF
		1,350 kg	2,976 lb	KE
	2.2 l A/T EXT	1,335 kg	2,943 lb	KG, KX
		1,330 kg	2,932 lb	KF
		1,340 kg	2,954 lb	KE, KS
	EXT with 4WS	1,370 kg	3,020 lb	KG, KX
		1,365 kg	3,009 lb	KF
		1,375 kg	3,031 lb	KE
	Weight Distributions (Front/Rear)			
	2.0 l CARB M/T DX	750/475 kg	1,635/1,047 lb	KG
		755/480 kg	1,664/1,058 lb	KS
	EX	745/480 kg	1,642/1,058 lb	KB, KF*
		750/480 kg	1,635/1,058 lb	KG, KF
		775/485 kg	1,664/1,069 lb	KE, KS
	EX with ABS	760/482 kg	1,675/1,063 lb	KB, KF*
		765/482 kg	1,687/1,063 lb	KG, KF
		770/487 kg	1,698/1,074 lb	KE, KS
	2.0 l CARB A/T DX	775/475 kg	1,709/1,047 lb	KG
		780/480 kg	1,720/1,058 lb	KS
	EX	770/480 kg	1,698/1,058 lb	KB, KF*
		775/480 kg	1,709/1,058 lb	KG
		780/485 kg	1,720/1,069 lb	KE, KS
	EX with ABS	785/482 kg	1,731/1,063 lb	KB, KF*
		790/482 kg	1,742/1,063 lb	KG
		795/487 kg	1,753/1,074 lb	KE, KS
	2.0 l PGM-FI M/T EXi	755/490 kg	1,664/1,080 lb	KB, KF*, KS
		755/495 kg	1,664/1,091 lb	KG
		760/495 kg	1,675/1,091 lb	KF
		765/495 kg	1,687/1,091 lb	KE
	EXi with ABS	770/492 kg	1,698/1,085 lb	KB, KF*, KS
		770/497 kg	1,698/1,096 lb	KG
		775/497 kg	1,710/1,096 lb	KF
		780/505 kg	1,720/1,113 lb	KX
		780/497 kg	1,720/1,096 lb	KE

KF*: French territory except main land.

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Design Specifications (4D)

European Models (cont'd)

	ITEM	METRIC	ENGLISH	NOTES
WEIGHT (cont'd)	Weight Distributions (Front/Rear) 2.0 l PGM-Fi A/T EXi	780/490 kg	1,720/1,080 lb	KB, KF*, KS
		780/495 kg	1,720/1,091 lb	KG
		785/495 kg	1,731/1,091 lb	KF
		790/495 kg	1,742/1,091 lb	KE
		795/492 kg	1,753/1,085 lb	KB, KF*, KS
		795/497 kg	1,753/1,096 lb	KG
		800/497 kg	1,764/1,096 lb	KF
		805/505 kg	1,775/1,113 lb	KX
		805/497 kg	1,775/1,096 lb	KE
	2.2 l M/T EXT	805/505 kg	1,775/1,113 lb	KG, KX
		805/500 kg	1,775/1,102 lb	KF
		810/505 kg	1,786/1,113 lb	KE, KS
		805/540 kg	1,775/1,190 lb	KG, KX
		805/535 kg	1,775/1,179 lb	KF
		810/540 kg	1,786/1,190 lb	KE
	2.2 l A/T EXT	830/505 kg	1,830/1,113 lb	KG, KX
		830/500 kg	1,830/1,102 lb	KF
		835/505 kg	1,841/1,113 lb	KE, KS
		830/540 kg	1,830/1,190 lb	KG, KX
		830/535 kg	1,830/1,179 lb	KF
		835/540 kg	1,843/1,190 lb	KE

KF*: French territory except main land.

Except European Models

	ITEM	METRIC	ENGLISH	NOTES
WEIGHT	Carb Weight			
		2.0 l CARB M/T LX	1,265 kg	2,786 lb
		EX	1,285 kg	2,830 lb
		EX*1	1,300 kg	2,863 lb
		2.0 l CARB A/T LX	1,290 kg	2,841 lb
		EX	1,310 kg	2,885 lb
		EX*1	1,325 kg	2,918 lb
		2.2 l PGM-Fi M/T EXi	1,320 kg	2,907 lb
		LXi	1,270 kg	2,979 lb
		EXi	1,280 kg	2,819 lb
		EXi*2	1,325 kg	2,918 lb
		2.2 l PGM-Fi A/T EXi	1,350 kg	2,974 lb
		LXi	1,300 kg	2,663 lb
		EXi	1,310 kg	2,885 lb
		EXi*2	1,355 kg	2,985 lb
		Weight Distributions (Front/Rear)		
		2.0 l CARB M/T LX	760/505 kg	1,674/1,112 lb
		EX	770/515 kg	1,690/1,134 lb
		EX*1	775/525 kg	1,707/1,156 lb
		2.0 l CARB A/T LX	790/500 kg	1,740/1,101 lb
		EX	795/515 kg	1,751/1,134 lb
		EX*1	800/525 kg	1,762/1,156 lb
		2.2 l PGM-Fi M/T EXi	790/530 kg	1,740/1,167 lb
		LXi	755/515 kg	1,663/1,134 lb
		EXi	765/515 kg	1,685/1,134 lb
		EXi*2	780/545 kg	1,645/1,200 lb
		2.2 l PGM-Fi A/T EXi	820/530 kg	1,806/1,167 lb
		LXi	790/510 kg	1,740/1,123 lb
		EXi	800/510 kg	1,762/1,123 lb
		EXi*2	815/540 kg	1,795/1,190 lb

*1: Cars with sunroof, *2: Cars with 4WS and ABS.

Design Specifications (5D)

	ITEMS		METRIC		ENGLISH		NOTES	
DIMENSIONS	Overall length		4,740 mm		186.6 in		European model Australian model European model Australian model	
	Overall width		4,745 mm		186.8 in			
	Overall height		1,695 mm		66.7 in			
	Wheel base		1,715 mm		67.5 in			
	Track		1,400 mm		55.1 in			
			2,720 mm		107.1 in			
			1,475 mm		58.1 in			
			1,480 mm		58.3 in			
			160 mm		6.3 in			
	Ground clearance							
Seating capacity								
Turning circle diameter (at tire center)		11.6 m		Five 38.1 ft				
WEIGHT	Curb weight	MT without A/C	1,405 kg		3,097 lb			
		MT with A/C	1,427 kg		3,146 lb			
		AT without A/C	1,430 kg		3,153 lb			
		AT with A/C	1,452 kg		3,201 lb			
	Max permissible weight		1,920 kg		4,233 lb			
ENGINE	Type	Water-cooled, 4-stroke OHC						
	Cylinder arrangement	4-cylinder In-line transverse						
	Bore and stroke	85 x 95 mm		3.35 x 3.74 in				
	Displacement	2,156 cm ³		131.5 cu. in				
	Compression ratio	F22A7, F22A8: 9.8, F22A6: 8.8						
	Valve train	Belt driven, single overhead camshaft						
	Lubrication system	Forced and wet sump, trochoid pump						
	Fuel required	F22A7, F22A8 engine: Premium unleaded grade gasoline with 95 R.O.N. or higher						
		F22A6 engine: Unleaded grade gasoline with 91 R.O.N. or higher						
STARTER	Type	Gear reduction						
	Normal output	1.6 kW < 1.4 kW >						
	Nominal voltage	12 V						
	Hour rating	30 seconds						
	Direction of rotation	Clockwise as viewed from gear end						
	Weight	4.75 kg		10.5 lb				
		3.7 kg		8.2 lb				
	3.5 kg		7.7 lb					
TRANSMISSION	Clutch	MT	Single plate dry, diaphragm spring					
		AT	Torque converter with lock-up clutch					
	Clutch lining area	203 cm ²		31.5 sq. in				
	Transmission	MT	Synchronized 5-speed forward, 1 reverse					
		AT	Electronically controlled dual range					
			4-speed forward automatic, 1 reverse					
			1 : 1 (Direct)					
	Primary reduction ratio							
	Gear ratio	Gear	MT ①	MT ②	AT ③	AT ④		
		1st	3.307	3.307	2.705	2.705		
2nd		1.809	1.809	1.366	1.482			
3rd		1.230	1.230	1.057	1.057			
4th		0.933	0.903	0.731	0.707			
5th		0.757	0.705					
Reverse		3.000	3.000	2.047	2.047			
Final		4.266	4.266	4.285	4.285			

- ① F22A7 engine
② F22A6 engine
③ F22A8 engine
④ F22A6 engine