

# Design Specifications (4D)

	ITEMS	METRIC	ENGLISH	NOTES					
<b>DIMENSIONS</b>	Overall length	4,700 mm	185.0 in	European model except the Finland KY model Australian model Finish model  KY model Australian model  KY model  KY model  4WS 2WS					
	Overall width	4,705 mm	185.2 in						
		4,710 mm	185.4 in						
		4,710 mm	185.4 in						
		1,695 mm	66.7 in						
		1,705 mm	67.1 in						
	Overall height	1,710 mm	67.3 in						
		1,390 mm	54.7 in						
		1,400 mm	55.1 in						
	Wheelbase	2,720 mm	107.1 in						
Track	Front	1,475 mm	58.1 in						
	Rear	1,480 mm	58.3 in						
Ground clearance	160 mm	6.3 in							
Seating capacity	170 mm	6.7 in							
Turning circle diameter (at tire center)	4.9 m	Five	16.1 ft						
		5.4 m	17.7 ft						
<b>WEIGHT</b>	Curb weight	See page 3-19							
	Max. permissible weight (for European)								
	2.0 ℓ without Anti-lock brake system	1,740 kg	3,836 lbs						
	2.0 ℓ with Anti-lock brake system	1,760 kg	3,880 lbs						
	2.2 ℓ	1,840 kg	4,056 lbs						
Max. vehicle weight (for KY)									
2.0 ℓ	1,780 kg	3,924 lbs							
2.2 ℓ	1,840 kg	4,056 lbs							
<b>ENGINE</b>	Type	Water-cooled, 4-stroke SOHC							
	Cylinder arrangement	4-cylinders In-line transvers							
	Bore and stroke	85 x 88 mm	3.35 x 3.46 in	2.0 ℓ					
		85 x 95 mm	3.35 x 3.74 in	2.2 ℓ					
	Displacement	1,997 cm <sup>3</sup>	121.8 cu-in	2.0 ℓ					
		2,156 cm <sup>3</sup>	131.5 cu-in	2.2 ℓ					
	Compression ratio			< >: with catalytic converter					
	2.0 ℓ carbureted	9.0 : 1 < 8.9 : 1 >							
	2.0 ℓ fuel-injected	9.6 : 1 < 9.0 : 1 >							
	2.2 ℓ (F22A3, F22A7, F22A8)	9.8 : 1							
2.2 ℓ (F22A2)	8.9 : 1								
2.2 ℓ (F22A9)	8.8 : 1								
Valve train	Belt driven, Single overhead camshaft								
Lubrication system	Forced and wet sump, trochoid pump								
Fuel required	F20A5*1 engine: Premium leaded grade gasoline with 98 R.O.N. or higher *3 F20A5*2, F20A7, F20A8, F22A7, F22A8, F22A3 engine: Premium unleaded grade gasoline with 95 R.O.N. or higher F20A2, F20A3*1, F20A6, F22A9 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 *4								
<b>STARTER</b>	Type	Gear reduction							
	Normal output	European except KE	M/T: 1.4 kW (2.2 ℓ: 1.6 kW)	A/T: 1.6 kW					
		Except European and KE	M/T: 1.4 kW	A/T: 1.4 kW					
	Normal voltage		12 V						
	Hour rating		30 seconds						
	Direction of rotation		Clockwise as viewed from gear end						
Weight	ND	4.75 kg	10.5 lb						
	Mitsuba 1.6 kW	3.7 kg	8.2 lb						
	Mitsuba 1.4 kW	3.5 kg	7.7 lb						
<b>TRANSMISSION</b>	Clutch	M/T	Single plate dry, diaphragm spring						
		A/T	Torque converter with lock-up clutch						
	Clutch lining area	M/T	203 cm <sup>3</sup>				31.5 sq-in		
	Transmission	M/T	Synchronized 5-speed forward, 1 reverse						
		A/T	4-speed forward automatic, 1 reverse or Electronically controlled dual range						
	Primary reduction ratio		4-speed forward automatic, 1 reverse						
	Gear ratio	Gear	M/T				A/T		
			①	②	③	④	⑤	⑥	
			1st	3.307	3.307	3.307	2.705	2.705	2.705
			2nd	1.857	1.809	1.809	1.482	1.482	1.366
3rd			1.269	1.230	1.230	1.028	1.028	1.028	
4th			0.966	0.933	0.903	0.731	0.707	0.731	
5th			0.787	0.757	0.705	—	—	—	
Reverse			3.000	3.000	3.000	2.047	2.047	2.047	
Final	4.266	4.266	4.062	4.285	4.285	4.285			

①: F20A2, F20A3, F20A6 ②: F20A5, F20A7, F20A8, F22A2, F22A3, F22A7 ③: F22A9

\*1: Except the UK and FRANCE

④: F20A2, F20A3, F22A2 ⑤: F22A9 ⑥: F20A5, F20A8, F22A3, F22A8

\*2: U.K. and FRANCE only

\*3: Premium unleaded grade gasoline with 95 R.O.N or higher also can be use.

\*4: Unleaded grade gasoline with 91 R.O.N or higher also can be use.

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# Design Specifications (4D)

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	ITEMS	METRIC	ENGLISH	NOTES	
<b>AIR CONDITIONER</b>	Cooling capacity -Condition: Compressor speed Outside air temperature Outside air humidity Condenser air temperature Condenser air velocity Blower capacity	4,650 kcal/h 27°C 35°C 4.5 m/sec. 440 m <sup>3</sup>	18,451 BTU/h 1,900 min <sup>-1</sup> (rpm) 81°F 50 % 95°F 14.8 ft/sec. 15,542 cu-ft/h		
	Compressor Type No. of cylinders Capacity Maximum speed Lubricant capacity	178 cm <sup>3</sup> /rev. 90-120 ml	Swash-plate 10 10.9 cu-in/rev. 8,800 min <sup>-1</sup> (rpm) 3.0-4.0 US oz. 3.2-4.2 Imp oz.		
	Condenser Evaporator		Corrugated fin type Corrugated fin type		
	Blower Type Motor input Speed control Maximum capacity	500 m <sup>3</sup> /h	Sirocco fan 210 W (12 V) 5-speed 17,662 cu-ft/h		
	Temperature control Clutch Type Power consumption Refrigerant Type Quantity	800-850 g	Air-mix type Dry single-plate 40W (12V) maximum R-12 1.8-1.9 lbs		
<b>STEERING SYSTEM</b>	Type Overall ratio Turns, lock-to-lock Steering wheel diameter Power steering fluid capacity Power steering fluid		Rack and pinion 16.1 : 1 (13.0 : 1) 3.13 < 2.47 > 375 mm 1.8 ℓ 14.8 in 1.9 US qt. 1.6 Imp qt. Genuine Power Steering Fluid P/N: 08208-99961	< >: 4WS	
<b>SUSPENSION</b>	Type Shock absorber	Front Rear Front and rear	Independent double wishbone, coil spring Independent double wishbone, coil spring Telescopic, hydraulic (nitrogen gas-filled)	( ): except KP, KT	
<b>WHEEL ALIGNMENT</b>	Total toe Camber Caster	Front Rear Front Rear Front	2WS 4WS 2WS 4WS	0 mm IN 2.0 mm IN 3.0 mm 0°00' -0°30' -0°20' 3°00'	0.0 0.08 in 0.12 in
<b>BRAKE SYSTEM</b>	Type Pad and lining swept area (total)	Front Rear Front 15 in 14 in Rear Drum Disc	Ventilated disc Drum 2.2 ℓ (except KY) or ABS or 4WS: Solid disc 415 cm <sup>2</sup> 311 cm <sup>2</sup> 242 cm <sup>2</sup> 281 cm <sup>2</sup>	64 sq-in 48 sq-in 38 sq-in 44 sq-in	
<b>TIRES</b>	Size/Pressure			See the tyre label attached to the driver's side rear door jamb.	
<b>ELECTRICAL</b>	Fuses In the anti-lock brake system fuse box In the fuse box In the relay box Headlights Turn signal lights Position lights License plate lights Buck-up lights Stop/taillights High mount brake light Rear fog lamp Interior light Door courtesy lights Vanity mirror light Boot light Gauge lights Indicator lights Warning lights Glove box light Illumination and pilot lights Heater illumination lights	High/Low Front Rear Side	7.5A, 15A, 50A 7.5A, 10A, 15A, 30A 7.5A, 10A, 15A, 20A, 30A, 40A, 50A, 80A 12V-60/55W, 12V-55W, 12V-65/55W* 12V-21W 12V-21W 12V-5W 12V-5W 12V-5W 12V-21W 12V-21/5W 12V-45CP 12V-21W 12V-8W 12V-3.4W 12V-1.8W 12V-3.4W 12V-3.4/1.4W 12V-0.84/0.91/1.12/1.2/1.4W 12V-1.4/3.4W 12V-3.4W 12V-1.4/1.2W LED: 0.91W, 0.84W 12V-1.2/1.4W	*1: KY model	

# European Models

	ITEM	METRIC	ENGLISH	NOTES
WEIGHT	Carb weight			
	2.0 ℓ CARB M/T DX	1,225 kg	2,701 lbs	KG
		1,235 kg	2,723 lbs	KS
	EX	1,225 kg	2,701 lbs	KB, KF*
		1,230 kg	2,712 lbs	KG, KF
		1,240 kg	2,734 lbs	KE, KS
	EX with ABS	1,242 kg	2,738 lbs	KB, KF*
		1,247 kg	2,749 lbs	KG, KF
		1,257 kg	2,771 lbs	KE, KS
	2.0 ℓ CARB A/T DX	1,250 kg	2,756 lbs	KG
		1,260 kg	2,778 lbs	KS
	EX	1,250 kg	2,756 lbs	KB, KF*
		1,255 kg	2,767 lbs	KG
		1,265 kg	2,765 lbs	KE, KS
	EX with ABS	1,267 kg	2,793 lbs	KB, KF*
		1,272 kg	2,804 lbs	KG
		1,282 kg	2,826 lbs	KE, KS
	2.0 ℓ PGM-FI M/T EXi	1,245 kg	2,745 lbs	KB, KF*
		1,250 kg	2,756 lbs	KG
		1,255 kg	2,767 lbs	KF, KS
	EXi with ABS	1,260 kg	2,778 lbs	KE
		1,262 kg	2,782 lbs	KB, KF*
		1,267 kg	2,793 lbs	KG
		1,272 kg	2,804 lbs	KF, KS
		1,285 kg	2,833 lbs	KX
		1,277 kg	2,815 lbs	KE
	2.0 ℓ PGM-FI A/T EXi	1,270 kg	2,800 lbs	KB, KF*
		1,275 kg	2,810 lbs	KG
		1,280 kg	2,822 lbs	KF, KS
	EXi with ABS	1,285 kg	2,833 lbs	KE
	1,287 kg	2,837 lbs	KB, KF*	
	1,292 kg	2,848 lbs	KG	
	1,297 kg	2,859 lbs	KF, KS	
	1,310 kg	2,888 lbs	KX	
	1,302 kg	2,870 lbs	KE	
2.2 ℓ M/T EXT	1,310 kg	2,888 lbs	KG, KX	
	1,305 kg	2,877 lbs	KF	
EXT with 4WS	1,315 kg	2,899 lbs	KE, KS	
	1,345 kg	2,965 lbs	KG, KX	
	1,340 kg	2,954 lbs	KF	
2.2 ℓ A/T EXT	1,350 kg	2,976 lbs	KE	
	1,335 kg	2,943 lbs	KG, KX	
	1,330 kg	2,932 lbs	KF	
EXT with 4WS	1,340 kg	2,954 lbs	KE, KS	
	1,370 kg	3,020 lbs	KG, KX	
	1,365 kg	3,009 lbs	KF	
	1,375 kg	3,031 lbs	KE	
Weight Distributions (Front/Rear)				
2.0 ℓ CARB M/T DX	750/475 kg	1,635/1,047 lbs	KG	
	755/480 kg	1,664/1,058 lbs	KS	
EX	745/480 kg	1,642/1,058 lbs	KB, KF*	
	750/480 kg	1,635/1,058 lbs	KG, KF	
	775/485 kg	1,664/1,069 lbs	KE, KS	
EX with ABS	760/482 kg	1,675/1,063 lbs	KB, KF*	
	765/482 kg	1,687/1,063 lbs	KG, KF	
	770/487 kg	1,698/1,074 lbs	KE, KS	
2.0 ℓ CARB A/T DX	775/475 kg	1,709/1,047 lbs	KG	
	780/480 kg	1,720/1,058 lbs	KS	
EX	770/480 kg	1,698/1,058 lbs	KB, KF*	
	775/480 kg	1,709/1,058 lbs	KG	
	780/485 kg	1,720/1,069 lbs	KE, KS	
EX with ABS	785/482 kg	1,731/1,063 lbs	KB, KF*	
	790/482 kg	1,742/1,063 lbs	KG	
	795/487 kg	1,753/1,074 lbs	KE, KS	
2.0 ℓ PGM-FI M/T EXi	755/490 kg	1,664/1,080 lbs	KB, KF*	
	755/495 kg	1,664/1,091 lbs	KG	
	760/495 kg	1,675/1,091 lbs	KF, KS	
EXi with ABS	765/495 kg	1,687/1,091 lbs	KE	
	770/492 kg	1,698/1,085 lbs	KB, KF*	
	770/497 kg	1,698/1,096 lbs	KG	
	775/497 kg	1,710/1,096 lbs	KF, KS	
	780/505 kg	1,720/1,113 lbs	KX	
	780/497 kg	1,720/1,096 lbs	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 lbs	KB, KF* KG
		780/495 kg	1,720/1,091 lbs	
	EXi with ABS	785/495 kg	1,731/1,091 lbs	KF, KS KE KB, KF* KG KF, KS KX KE
		790/495 kg	1,742/1,091 lbs	
		795/492 kg	1,753/1,085 lbs	
		795/497 kg	1,753/1,096 lbs	
		800/497 kg	1,764/1,096 lbs	
		805/505 kg	1,775/1,113 lbs	
		805/497 kg	1,775/1,096 lbs	
	2.2 l M/T EXT	805/505 kg	1,775/1,113 lbs	KG, KX KF KE, KS KG, KX KF KE
		805/500 kg	1,775/1,102 lbs	
		810/505 kg	1,786/1,113 lbs	
		805/540 kg	1,775/1,190 lbs	
		805/535 kg	1,775/1,179 lbs	
		810/540 kg	1,786/1,190 lbs	
2.2 l A/T EXT	830/505 kg	1,830/1,113 lbs	KG, KX KF KE, KS KG, KX KF KE	
	830/500 kg	1,830/1,102 lbs		
	835/505 kg	1,841/1,113 lbs		
	830/540 kg	1,830/1,190 lbs		
	830/535 kg	1,830/1,179 lbs		
	835/540 kg	1,843/1,190 lbs		

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 lbs	KY		
			EX	1,285 kg		2,830 lbs	
			EX*1	1,300 kg		2,863 lbs	
	2.0 l CARB A/T	LX	1,290 kg	2,841 lbs	KY		
		EX	1,310 kg	2,885 lbs			
		EX*1	1,325 kg	2,918 lbs			
	2.2 l PGM-FI M/T	EXi	1,320 kg	2,907 lbs	KY KQ KQ KQ		
			LXi	1,270 kg		2,979 lbs	
			EXi	1,280 kg		2,819 lbs	
			EXi*2	1,325 kg		2,918 lbs	
	2.2 l PGM-FI A/T	EXi	1,350 kg	2,974 lbs	KY KQ KQ KQ		
			LXi	1,300 kg		2,663 lbs	
			EXi	1,310 kg		2,885 lbs	
			EXi*2	1,355 kg		2,985 lbs	
	2.0 l PGM-FI M/T	LX	1,348 kg	2,972 lbs	KB other KB other		
			A/T LX	1,372 kg		3,025 lbs	
	2.2 l PGM-FI M/T	EX	1,366 kg	3,011 lbs	KB other KB other		
			A/T EX	1,392 kg		3,069 lbs	
		Weight Distributions (Front/Rear)	2.0 l CARB M/T LX	760/505 kg	1,674/1,112 lbs	KY	
				EX	770/515 kg		1,690/1,134 lbs
				EX*1	775/525 kg		1,707/1,156 lbs
		2.0 l CARB A/T	LX	790/500 kg	1,740/1,101 lbs	KY	
				EX	795/515 kg		1,751/1,134 lbs
				EX*1	800/525 kg		1,762/1,156 lbs
		2.2 l PGM-FI M/T	EXi	790/530 kg	1,740/1,167 lbs	KY KQ KQ KQ	
				LXi	755/515 kg		1,663/1,134 lbs
				EXi	765/515 kg		1,685/1,134 lbs
				EXi*2	780/545 kg		1,645/1,200 lbs
		2.2 l PGM-FI A/T	EXi	820/530 kg	1,806/1,167 lbs	KY KQ KQ KQ KQ	
				LXi	790/510 kg		1,740/1,123 lbs
EXi				800/510 kg	1,762/1,123 lbs		
EXi				800/510 kg	1,762/1,123 lbs		
EXi*2				815/540 kg	1,795/1,190 lbs		

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

# Design Specifications (5D)

	ITEMS	METRIC	ENGLISH	NOTES	
<b>DIMENSIONS</b>	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		
	Ground clearance	160 mm	6.3 in		
	Seating capacity		Five		
	Turning circle diameter (at tire center)	10.8 m	35.4 ft		
<b>WEIGHT</b>	Curb weight			} Except Optional parts	
	European model				
	M/T 2.0 ℓ	1,410 kg	3,108 lbs		
	M/T 2.2 ℓ	1,425 kg	3,142 lbs		
	A/T	1,450 kg	3,197 lbs		
	Australian model				
	M/T without A/C	1,403 kg	3,093 lbs		
	M/T with A/C	1,425 kg	3,142 lbs		
A/T without A/C	1,433 kg	3,159 lbs			
A/T with A/C	1,455 kg	3,208 lbs			
Max permissible weight	1,920 kg	4,233 lbs			
<b>ENGINE</b>	Type	Water-cooled, 4-stroke OHC			
	Cylinder arrangement	4-cylinder In-line transverse			
	Bore and stroke	2.0 ℓ	85 × 88 mm		3.35 × 3.46 in
		2.2 ℓ	85 × 95 mm		3.35 × 3.74 in
	Displacement	2.0 ℓ	1,997 cm <sup>3</sup>		131.5 cu-in
		2.2 ℓ	2,156 cm <sup>3</sup>		121.8 cu-in
	Compression ratio		F20Z3: 9.5, F22A7, F22A8: 9.8, F22A6: 8.8		
	Valve train		Belt driven, single overhead camshaft		
Lubrication system		Forced and wet sump, trochoid pump			
Fuel required		F20Z3, 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			
<b>STARTER</b>	Type	Gear reduction		< > KE	
	Normal output	1.6 kW < 1.4 kW >			
	Normal voltage	12 V			
	Hour rating	30 seconds			
	Direction of rotation	Clockwise as viewed from gear end			
	Weight	NIPPONDENSO	4.75 kg		10.5 lbs
	Mitsuba 1.6 kW	3.7 kg	8.2 lbs		
	Mitsuba 1.4 kW	3.5 kg	7.7 lbs		
<b>TRANSMISSION</b>	Clutch	M/T	Single plate dry, diaphragm spring		
		A/T	Torque converter with lock-up clutch		
	Clutch lining area		203 cm <sup>2</sup>	31.5 sq-in	
	Transmission	M/T	Synchronized 5-speed forward, 1 reverse		
		A/T	Electronically controlled dual range		
	Primary reduction ratio		4-speed forward automatic, 1 reverse		
			1 : 1 (Direct)		
		Gear	M/T ①	M/T ②	A/T ③
		1st	3.307	3.307	2.705
		2nd	1.809	1.809	1.366
	3rd	1.230	1.230	1.057	
	4th	0.933	0.903	0.731	
	5th	0.757	0.705	—	
	Reverse	3.000	3.000	2.047	
	Final	4.266	4.266	4.285	

- ① F20Z3, F22A7 engines
- ② F22A6 engine
- ③ F22A8 engine
- ④ F22A6 engine