

MAJOR TECHNICAL SPECIFICATIONS

Area			Europe		G.C.C. Countries
Body Type			Sedan		
Model Code			USE20L-FEZRHW	USE20R-FEZRHW	USE20L-FEZRHV
Major Dimensions & Vehicle Weights					
Overall	Length	mm (in.)	4660 (183.4)	4660 (183.4)	4660 (183.4)
	Width	mm (in.)	1815 (71.4)	1815 (71.4)	1815 (71.4)
	Height	mm (in.)	1415 (55.7)	1415 (55.7)	1415 (55.7)
Wheel Base			2730 (107.4)	2730 (107.4)	2730 (107.4)
Tread	Front	mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)
	Rear	mm (in.)	1520 (59.8), 1530 (60.2)*1	1520 (59.8), 1530 (60.2)*1	1520 (59.8), 1530 (60.2)*1
Room	Length	mm (in.)	1855 (73.0)	1855 (73.0)	1855 (73.0)
	Width	mm (in.)	1475 (58.1)	1475 (58.1)	1475 (58.1)
	Height	mm (in.)	1165 (45.9), 1120 (44.1)*2	1165 (45.9), 1120 (44.1)*2	1165 (45.9), 1120 (44.1)*2
Overhang	Front	mm (in.)	885 (34.8)	885 (34.8)	885 (34.8)
	Rear	mm (in.)	1045 (41.1)	1045 (41.1)	1045 (41.1)
Min. Running Ground Clearance			120 (4.7)	120 (4.7)	120 (4.7)
Angle of Approach/Departure			12/14	12/14	12/14
Curb Weight	Front	kg (lb)	925 (2039)	925 (2039)	925 (2039)
	Rear	kg (lb)	775 (1708)	775 (1708)	775 (1708)
	Total	kg (lb)	1700 (3747)	1700 (3747)	1700 (3747)
Gross Vehicle Weight	Front	kg (lb)	1010 (2226)	1010 (2226)	1010 (2226)
	Rear	kg (lb)	1110 (2447)	1110 (2447)	1110 (2447)
	Total	kg (lb)	2120 (4673)	2120 (4673)	2120 (4673)
Luggage Compartment Capacity			m ³ (cu.ft.)	0.378 (13.3)	0.378 (13.3)
Fuel Tank Capacity			L (US.gal, Imp.gal)	64 (16.9, 14.0)	64 (16.9, 14.0)
Performance					
Max. Speed			km/h (mph)	270 (170)	270 (170)
Max. Cruising Speed			km/h (mph)	230 (145)	230 (145)
Acceleration	0 to 100 km/h	sec.	4.8	4.8	4.8
	0 to 400 m	sec.	13.0	13.0	13.0
Max. Permissible Speed	1st Gear	km/h (mph)	61 (38)	61 (38)	61 (38)
	2nd Gear	km/h (mph)	103 (64)	103 (64)	103 (64)
	3rd Gear	km/h (mph)	150 (93)	150 (93)	150 (93)
	4th Gear	km/h (mph)	191 (119)	191 (119)	191 (119)
	5th Gear	km/h (mph)	228 (141)	228 (141)	228 (141)
	6th Gear	km/h (mph)	-	-	-
	7th Gear	km/h (mph)	-	-	-
	8th Gear	km/h (mph)	-	-	-
Min. Turning Radius	Tire	m (ft.)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)
	Body	m (ft.)	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)
Engine					
Engine Type			2UR-GSE	2UR-GSE	2UR-GSE
No. of Cyls. & Arrangement			8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type
Valve Mechanism			32-valve, DOHC with Dual VVT-i	32-valve, DOHC with Dual VVT-i	32-valve, DOHC with Dual VVT-i
Bore × Stroke			mm (in.)	94.0 × 89.5 (3.70 × 3.52)	94.0 × 89.5 (3.70 × 3.52)
Displacement			cm ³ (cu.in.)	4969 (303.2)	4969 (303.2)
Compression Ratio			11.8 : 1	11.8 : 1	11.8 : 1
Fuel System			EFI D-4S	EFI D-4S	EFI D-4S
Research Octane No. or Cetane No.			95 or higher	95 or higher	95 or higher
Max. Output (EEC)			kW@rpm	311@6600	311@6600
Max. Torque (EEC)			N·m@rpm	505@5200	505@5200
Engine Electrical					
Battery Capacity (5HR)			Voltage & Amp. hr.	12-59	12-59
Alternator Output			Watts	2160	2160
Starter Output			kW	2.0	2.0
Chassis					
Transmission Type			AA80E	AA80E	AA80E
Gear Ratio	1st		4.596	4.596	4.596
	2nd		2.724	2.724	2.724
	3rd		1.863	1.863	1.863
	4th		1.464	1.464	1.464
	5th		1.231	1.231	1.231
	6th		1.000	1.000	1.000
	7th		0.824	0.824	0.824
	8th		0.685	0.685	0.685
Differential (Final) Gear Ratio			2.937	2.937	2.937
Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc
	Rear		Ventilated Disc	Ventilated Disc	Ventilated Disc
Suspension Type	Front		Double-wishbone	Double-wishbone	Double-wishbone
	Rear		Multi-link	Multi-link	Multi-link
Stabilizer Bar			Front/Rear	Standard/Standard	Standard/Standard
Steering Gear Type				Rack & Pinion	Rack & Pinion
Steering Gear Ratio				13.6	13.6
Power Steering Type				EPS	EPS

*1: Models with 19 X 9 1/2J Wheels
*2: Models with Sliding Roof