

MAJOR TECHNICAL SPECIFICATIONS

Item		Area	Europe			Europe and Russia	
Body Type			4-Door Sedan				
Vehicle Grade			GS430		GS300		
Model Code			UZS161L-BEAQKW	UZS161R-BEAQKW	JZS160R-BEAQFW	JZS160L-BEAQFW	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4805 (189.2)	4805 (189.2)	4805 (189.2)	4805 (189.2)
		Width	mm (in.)	1800 (70.9)	1800 (70.9)	1800 (70.9)	1800 (70.9)
		Height	mm (in.)	1445 (56.9)	1445 (56.9)	1445 (56.9)	1445 (56.9)
	Wheel Base	mm (in.)	2800 (110.2)	2800 (110.2)	2800 (110.2)	2800 (110.2)	
	Tread	Front	mm (in.)	1535 (60.4)	1535 (60.4)	1535 (60.4)	1535 (60.4)
		Rear	mm (in.)	1510 (59.4)	1510 (59.4)	1510 (59.4)	1510 (59.4)
	Room	Length	mm (in.)	1975 (77.8)	1975 (77.8)	1975 (77.8)	1975 (77.8)
		Width	mm (in.)	1550 (61.0)	1550 (61.0)	1550 (61.0)	1550 (61.0)
		Height	mm (in.)	1180 (46.5), 1140 (44.9)*1	1180 (46.5), 1140 (44.9)*1	1180 (46.5), 1140 (44.9)*1	1180 (46.5), 1140 (44.9)*1
	Overhang	Front	mm (in.)	835 (32.9)	835 (32.9)	835 (32.9)	835 (32.9)
		Rear	mm (in.)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)
	Min. Running Ground Clearance	mm (in.)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	
	Angle of Approach	degrees	16°	16°	16°	16°	
	Angle of Departure	degrees	16°	16°	16°	16°	
	Curb Weight	Front	kg (lb)	910 ~ 940 (2007 ~ 2073)	910 ~ 940 (2007 ~ 2073)	885 ~ 915 (1951 ~ 2017)	885 ~ 915 (1951 ~ 2017)
Rear		kg (lb)	780 ~ 805 (1720 ~ 1775)	780 ~ 805 (1720 ~ 1775)	780 ~ 805 (1720 ~ 1775)	780 ~ 805 (1720 ~ 1775)	
Total		kg (lb)	1690 ~ 1745 (3727 ~ 3848)	1690 ~ 1745 (3727 ~ 3848)	1665 ~ 1720 (3671 ~ 3792)	1665 ~ 1720 (3671 ~ 3792)	
Gross Vehicle Weight	Front	kg (lb)	1040 (2293)	1040 (2293)	1015 (2238)	1015 (2238)	
	Rear	kg (lb)	1105 (2436)	1105 (2436)	1105 (2436)	1105 (2436)	
	Total	kg (lb)	2145 (4729)	2145 (4729)	2120 (4674)	2120 (4674)	
Fuel Tank Capacity	ℓ (Imp.gal.)	75 (19.8, 16.5)	75 (19.8, 16.5)	75 (19.8, 16.5)	75 (19.8, 16.5)		
Luggage Compartment Capacity	m ³ (cu.ft.)	0.515 (18.2)	0.515 (18.2)	0.515 (18.2)	0.515 (18.2)		
Performance	Max. Speed	km/h (mph)	239 (149)	239 (149)	230 (142)	230 (142)	
	Max. Cruising Speed	km/h (mph)	215 (134)	215 (134)	210 (130)	210 (130)	
	Acceleration	0 to 100 km/h	sec.	5.8	5.8	8.2	8.2
		0 to 400 m	sec.	14.3	14.3	15.8	15.8
	Max. Permissible Speed	1st Gear	km/h (mph)	66 (41)	66 (41)	55 (34)	55 (34)
		2nd Gear	km/h (mph)	102 (63)	102 (63)	85 (52)	85 (52)
		3rd Gear	km/h (mph)	156 (97)	156 (97)	130 (80)	130 (80)
		4th Gear	km/h (mph)	—	—	—	—
	Min. Turning Radius	Tire	m (ft.)	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)
		Body	m (ft.)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)
Engine	Engine Type		3UZ-FE	3UZ-FE	2JZ-GE	2JZ-GE	
	Valve Mechanism		32-Valve, DOHC	32-Valve, DOHC	24-Valve, DOHC	24-Valve, DOHC	
	Bore x Stroke	mm (in.)	91.0 x 82.5 (3.58 x 3.25)	91.0 x 82.5 (3.58 x 3.25)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	
	Displacement	cm ³ (cu.in.)	4293 (261.9)	4293 (261.9)	2997 (182.9)	2997 (182.9)	
	Compression Ratio		10.5 : 1	10.5 : 1	10.5 : 1	10.5 : 1	
	Fuel System		EFI	EFI	EFI	EFI	
	Research Octane No. or Cetane No. (Diesel)		95 or More	95 or More	95 or More	95 or More	
	Max. Output	kW / rpm	208 / 5600	208 / 5600	163 / 5800	163 / 5800	
	Max. Torque	N·m / rpm	417 / 3500	417 / 3500	298 / 3800	298 / 3800	
	Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12-55	12-55	12-55	12-55
Alternator Output		Watts	1200	1200	1200	1200	
Starter Output		kW	2.0	2.0	1.4	1.4	
Chassis	Clutch Type		—	—	—	—	
	Transmission Type		A650E	A650E	A650E	A650E	
	Transmission Gear Ratio	In First		3.357	3.357	3.357	3.357
		In Second		2.180	2.180	2.180	2.180
		In Third		1.424	1.424	1.424	1.424
		In Fourth		1.000	1.000	1.000	1.000
		In Fifth		0.753	0.753	0.753	0.753
		In Reverse		3.431	3.431	3.431	3.431
	Differential Gear Ratio		3.266	3.266	3.615	3.615	
	Differential Gear Size	mm (in.)	205 (8.0)	205 (8.0)	205 (8.0)	205 (8.0)	
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
		Rear		Solid Disc	Solid Disc	Solid Disc	Solid Disc
	Parking Brake Type		Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo	
	Brake Booster Type and Size	in.	Hydraulic	Hydraulic	Hydraulic	Hydraulic	
	Proportioning Valve Type		—	—	—	—	
Suspension Type	Front		Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
	Rear		Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
Stabilizer Bar	Front		STD	STD	STD	STD	
	Rear		STD	STD	STD	STD	
Steering Gear Type		Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion		
Steering Gear Ratio (Overall)		17.2	17.2	17.2	17.2		
Power Steering Type		Integral Type	Integral Type	Integral Type	Integral Type		

*1: With Moon Roof

	Australia	G.C.C. Countries
	4-Door Sedan	
	GS300	
	JZS160R-BEAQFQ	JZS160L-BEAQFV
5	4805 (189.2)	4805 (189.2)
	1800 (70.9)	1800 (70.9)
	1445 (56.9)	1445 (56.9)
	2800 (110.2)	2800 (110.2)
10	1535 (60.4)	1535 (60.4)
	1510 (59.4)	1510 (59.4)
	1975 (77.8)	1975 (77.8)
	1550 (61.0)	1550 (61.0)
	1180 (46.5), 1140 (44.9)*1	1180 (46.5), 1140 (44.9)*1
	835 (32.9)	835 (32.9)
15	1170 (46.1)	1170 (46.1)
	155 (6.1)	155 (6.1)
	16°	16°
	16°	16°
	875 ~ 920 (1929 ~ 2029)	875 ~ 920 (1929 ~ 2029)
20	775 ~ 810 (1709 ~ 1786)	775 ~ 810 (1709 ~ 1786)
	1650 ~ 1730 (3638 ~ 3815)	1650 ~ 1730 (3638 ~ 3815)
	1005 (2216), 1020 (2249)*2	1020 (2249)
	1135 (2503), 1110 (2447)*2	1110 (2447)
	2140 (4719), 2130 (4696)*2	2130 (4649)
25	75 (19.8, 16.5)	75 (19.8, 16.5)
	0.515 (18.2)	0.515 (18.2)
	230 (142)	230 (142)
	210 (130)	210 (130)
30	8.2	8.2
	15.8	15.8
	55 (34)	55 (34)
	85 (52)	85 (52)
	130 (80)	130 (80)
	—	—
35	5.5 (18.0)	5.5 (18.0)
	5.9 (19.4)	5.9 (19.4)
	2JZ-GE	2JZ-GE
	24-Valve, DOHC	24-Valve, DOHC
	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)
40	2997 (182.9)	2997 (182.9)
	10.5 : 1	10.5 : 1
	EFI	EFI
	95 or More	95 or More
	163/5800	163/5800
45	298/3800	298/3800
	12-55	12-55
	1200	1200
	1.0	1.0
	—	—
50	A650E	A650E
	3.357	3.357
	2.180	2.180
	1.424	1.424
	1.000	1.000
55	0.753	0.753
	3.431	3.431
	3.916	3.615
	205 (8.0)	205 (8.0)
	Ventilated Disc	Ventilated Disc
60	Solid Disc	Solid Disc
	Duo-Servo	Duo-Servo
	Hydraulic	Hydraulic
	—	—
	Double Wishbone	Double Wishbone
65	Double Wishbone	Double Wishbone
	STD	STD
	STD	STD
	Rack and Pinion	Rack and Pinion
	17.2	17.2
70	Integral Type	Integral Type

*1: With Moon Roof *2: Models for Hong Kong, Singapore, Thai and Brunei

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