

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)	
		Front	mm (in.)		1535 (60.4)		1535 (60.4)		1535 (60.4)		1535 (60.4)	
	Tread	Rear	mm (in.)		1510 (59.4)		1510 (59.4)		1510 (59.4)		1510 (59.4)	
		Length	mm (in.)		1975 (77.8)		1975 (77.8)		1975 (77.8)		1975 (77.8)	
	Room	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		degress		16°		16°		16°		16°	
	Angle of Departure		degress		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)	
	Gross Vehicle Weight	Total	kg (lb)		1690 ~ 1745 (3727 ~ 3848)		1690 ~ 1745 (3727 ~ 3848)		1665 ~ 1720 (3671 ~ 3792)		1665 ~ 1720 (3671 ~ 3792)	
		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		m³ (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		cm³ (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	
	Carburetor Type or Injection Pump Type (Diesel)				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		—		—		163 / 5800 (EEC)		163 / 5800 (EEC)		
Engine Electrical	Max. Torque ()	N·m /rpm		—		—		298 / 3800 (EEC)		298 / 3800 (EEC)		
	Battery Capacity (SHR)	Voltage & Amp. hr.		12 - 55		12 - 55		12 - 55		12 - 55		
Chassis	Alternator Output		Watts		1200		1200		1200		1200	
	Starter Output		kW		2.0		2.0		1.4		1.4	
	Clutch Type				—		—		—		—	
	Transaxle 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				8"		8"		8"		8"	
	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

Item		Area	Australia	G.C.C Countries
Body Type			4-Door Sedan	
Vehicle Grade			GS300	
Model Code			JZS160R-BEAQFQ	JZS160L-BEAQFV
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4805 (189.2)	4805 (189.2)
		Width mm (in.)	1800 (70.9)	1800 (70.9)
		Height mm (in.)	1445 (56.9)	1445 (56.9)
	Wheel Base	mm (in.)	2800 (110.2)	2800 (110.2)
	Tread	Front mm (in.)	1535 (60.4)	1535 (60.4)
		Rear mm (in.)	1510 (59.4)	1510 (59.4)
	Room	Length mm (in.)	1975 (77.8)	1975 (77.8)
		Width mm (in.)	1550 (61.0)	1550 (61.0)
		Height mm (in.)	1180 (46.5), 1140 (44.9)* ¹	1180 (46.5), 1140 (44.9)* ¹
	Overhang	Front mm (in.)	835 (32.9)	835 (32.9)
		Rear mm (in.)	1170 (46.1)	1170 (46.1)
	Min. Running Ground Clearance		155 (6.1)	155 (6.1)
	Angle of Approach		16°	16°
	Angle of Departure		16°	16°
	Curb Weight	Front kg (lb)	875 ~ 920 (1929 ~ 2029)	875 ~ 920 (1929 ~ 2029)
		Rear kg (lb)	775 ~ 810 (1709 ~ 1786)	775 ~ 810 (1709 ~ 1786)
		Total kg (lb)	1650 ~ 1730 (3638 ~ 3815)	1650 ~ 1730 (3638 ~ 3815)
Performance	Gross Vehicle Weight	Front kg (lb)	1005 (2216), 1020 (2249)* ²	1020 (2249)
		Rear kg (lb)	1135 (2503), 1110 (2447)* ²	1110 (2447)
		Total kg (lb)	2140 (4719), 2130 (4696)* ²	2130 (4649)
	Fuel Tank Capacity ℓ (Imp.gal.)		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)
	Max. Speed km / h (mph)		230 (142)	230 (142)
	Max. Cruising Speed km / h (mph)		210 (130)	210 (130)
	Acceleration	0 to 100 km / h sec.	8.2	8.2
		0 to 400 m sec.	15.8	15.8
	Max. Permissible Speed	1st Gear km / h (mph)	55 (34)	55 (34)
		2nd Gear km / h (mph)	85 (52)	85 (52)
		3rd Gear km / h (mph)	130 (80)	130 (80)
		4th Gear km / h (mph)	—	—
	Min Turning Radius	Tire m (ft.)	5.5 (18.0)	5.5 (18.0)
		Body m (ft.)	5.9 (19.4)	5.9 (19.4)
Engine	Engine Type		2JZ-GE	2JZ-GE
	Valve Mechanism		24-Valve, DOHC	24-Valve, DOHC
	Bore x Stroke mm (in.)		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.)		2997 (182.9)	2997 (182.9)
	Compression Ratio		10.5 : 1	10.5 : 1
	Carburetor Type or Injection Pump Type (Diesel)		EFI	EFI
	Research Octane No. or Cetane No. (Diesel)		95 or More	95 or More
	Max. Output () kW / rpm		163 / 5800 (EEC)	163 / 5800 (EEC)
Engine Electrical	Max. Torque () N·m / rpm		298 / 3800 (EEC)	298 / 3800 (EEC)
	Battery Capacity (5HR)	Voltage & Amp. hr.	12 - 55	12 - 55
	Alternator Output	Watts	1200	1200
	Starter Output	kW	1.4	1.4
Chassis	Clutch Type		—	—
	Transaxle Type		A650E	A650E
	Transmission Gear Ratio	In First	3.357	3.357
		In Second	2.180	2.180
		In Third	1.424	1.424
		In Fourth	1.000	1.000
		In Fifth	0.753	0.753
	In Reverse		3.431	3.431
	Differential Gear Ratio		3.916	3.615
	Differential Gear Size		8"	8"
	Brake Type	Front	Ventilated Disc	Ventilated Disc
		Rear	Solid Disc	Solid Disc
	Parking Brake Type		Duo-Servo	Duo-Servo
	Brake Booster Type and Size in.		Hydraulic	Hydraulic
	Proportioning Valve type		—	—
	Suspension Type	Front	Double Wishbone	Double Wishbone
		Rear	Double Wishbone	Double Wishbone
	Stabilizer Bar	Front	STD	STD
		Rear	STD	STD
	Steering Gear Type		Rack and Pinion	Rack and Pinion
	Steering Gear Ratio (Overall)		17.2	17.2
	Power Steering Type		Integral Type	Integral Type

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