MAJOR TECHNICAL SPECIFICATIONS

Item			Area		Europe		Europe and Russia
Body Type							
	Vehicle G	rade		GS-	430	GS	300
	Model Co	ode		UZS161L-BEAQKW	UZS161R-BEAQKW	JZS160R-BEAQFW	JZS160L-BEAQFW
		Length	mm (in.)	4805 (189.2)	4805 (189.2)	4805 (189.2)	4805 (189.2)
	Overall	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)
	T1	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)
	Room	Length	mm (in.)	1975 (77.8)	1975 (77.8)	1975 (77.8)	1975 (77.8)
S	Koom	Width	mm (in.)	1550 (61.0)	1550 (61.0)	1550 (61.0)	1550 (61.0)
ight		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
š		Front	mm (in.) mm (in.) mm (in.)	835 (32.9)	835 (32.9)	835 (32.9)	835 (32.9) 1170 (46.1) 155 (6.1)
Major Dimensions & Vehicle Weights	Overhang	Rear		1170 (46.1)	1170 (46.1)	1170 (46.1)	
	Min. Running Ground C	learance		155 (6.1)	155 (6.1)	155 (6.1)	
			degress	16°	16°	16°	16°
	Angle of Approach degress Angle of Departure degress		16°	16°	16°	16°	
Sus	Aligic of Departure	Front	kg (lb)	910 ~ 940 (2007 ~ 2073)	910 ~ 940 (2007 ~ 2073)	885 ~ 915 (1951 ~ 2017)	885 ~ 915 (1951 ~ 2017)
ime	G 1 W 1 1				780 ~ 805 (1720 ~ 1775)	780 ~ 805 (1720 ~ 1775)	780 ~ 805 (1720 ~ 1775)
OL T	Curb Weight	Rear	kg (lb)	780 ~ 805 (1720 ~ 1775)			1665 ~ 1720 (3671 ~ 3792)
Majo		Total	kg (lb)	1690 ~ 1745 (3727 ~ 3848)	1690 ~ 1745 (3727 ~ 3848)	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 & (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)	
	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 l	km/h sec.	5.8	5.8	8.2	8.2
ce	Acceleration	0 to 400 r	m sec.	14.3	14.3	15.8	15.8
mar		1st Gear	km/h (mph)	66 (41)	66 (41)	55 (34)	55 (34)
Pertormance	Max. Permissible	2nd Gear	km/h (mph)	102 (63)	102 (63)	85 (52)	85 (52)
FeI	Speed		km/h (mph)	156 (97)	156 (97)	130 (80)	130 (80)
			km/h (mph)	=	=	=	
	M. W	Tire	m (ft.)	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)
	Min Turning Radius	Body	m (ft.)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)
	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)	
Engine	Compression Ratio			10.5 : 1	10.5 : 1	10.5 : 1	10.5 : 1
Eng	*			EFI	EFI	EFI	EFI
	Carburetor Type or Injection Pump Type (Diesel)			95 or More	95 or More	95 or More	95 or More
	Research Octane No. or Cetane No. (Diesel)			95 or More	95 of More	95 of More 163/5800 (EEC)	163 / 5800 (EEC)
	Max. Output () kW/rpm			<u> </u>	_		
_	* ' '	Max. Torque () N·m/rpm		- 12 55	12. 77	298/3800 (EEC)	298 / 3800 (EEC)
rica	Battery Capacity (5HR) Voltage & Amp. hr.			12 - 55	12 - 55	12 - 55	12 - 55
Electrical	Alternator Output		Watts	1200	1200	1200	1200
1111	Starter Output		kW	2.0	2.0	1.4	1.4
	Clutch Type				=	_	=
	Transaxle Type			A650E	A650E	A650E	A650E
		In First In Second		3.357	3.357	3.357	3.357
	Transmission Gear Ratio			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	
Chassis	Differential Gear Ratio			3.266	3.266	3.615	3.615
	Differential Gear Size			8"	8"	8"	8"
	Brake Type Front Rear Parking Brake Type		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	
has				Solid Disc	Solid Disc	Solid Disc	Solid Disc
U			Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo	
	• • • • • • • • • • • • • • • • • • • •			Hydraulic	Hydraulic	Hydraulic	Hydraulic
	Brake Booster Type and Size in.			Hydraulic —	·	·	Hydraulic —
	Proportioning Valve type				Darble Wielder	Double Wielder	
	Suspension Type	Front Rear Front Rear		Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	- *			Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	Stabilizer Bar			STD	STD	STD	STD
				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
	Steering Gear Ratio (Ov	erall)					

^{*1:} With Moon Roof

Item			Area	Australia	G.C.C Countries		
	Body T			4-Door Sedan			
	Vehicle C	Grade		GS300			
	Model C			JZS160R-BEAQFQ	JZS160L-BEAQFV		
		Length	mm (in.)	4805 (189.2)	4805 (189.2)	5	
	Overall	Width	mm (in.)	1800 (70.9)	1800 (70.9)	-	
	WI 10	Height	mm (in.)	1445 (56.9)	1445 (56.9)	-	
	Wheel Base	Forms	mm (in.)	2800 (110.2)	2800 (110.2)	-	
	Tread	Front	mm (in.)	1535 (60.4) 1510 (59.4)	1535 (60.4) 1510 (59.4)	10	
		Length mm (in.)		1975 (77.8)	1975 (77.8)	┨"	
	Room	Width	mm (in.)	1550 (61.0)	1550 (61.0)		
ght		Height	mm (in.)	1180 (46.5), 1140 (44.9)*1	1180 (46.5), 1140 (44.9)*1		
Wei		Front	mm (in.)	835 (32.9)	835 (32.9)	\dashv	
icle	Overhang	Rear	mm (in.)	1170 (46.1)	1170 (46.1)	1:	
Veh	Min. Running Ground	Clearance	mm (in.)	155 (6.1)	155 (6.1)	1	
s &	Angle of Approach		degress	16°	16°	1	
sion	Angle of Departure		degress	16°	16°	1	
nen		Front	kg (lb)	875 ~ 920 (1929 ~ 2029)	875 ~ 920 (1929 ~ 2029)	20	
Dir	Curb Weight	Rear	kg (lb)	775 ~ 810 (1709 ~ 1786)	775 ~ 810 (1709 ~ 1786)		
Major Dimensions & Vehicle Weights		Total	kg (lb)	1650 ~ 1730 (3638 ~ 3815)	1650 ~ 1730 (3638 ~ 3815)		
Σ		Front	kg (lb)	1005 (2216), 1020 (2249)*2	1020 (2249)		
	Gross Vehicle Weight	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)	25	
	Luggage Compartment		m3 (cu.ft.)	0.515 (18.2)	0.515 (18.2)		
	Max. Speed		km/h (mph)	230 (142)	230 (142)	1	
	Max. Cruising Speed		km/h (mph)	210 (130)	210 (130)		
	Acceleration	0 to 100 k	m/h sec.	8.2	8.2		
nce		0 to 400 m		15.8	15.8	30	
Performance			km/h (mph)	55 (34)	55 (34)	1	
icLio	Max. Permissible		km/h (mph)	85 (52)	85 (52)	4	
Pe	Speed	3rd Gear km/h (mph) 4th Gear km/h (mph) Tire m (ft.)		130 (80)	130 (80)	35	
							
	Min Turning Radius			5.5 (18.0)	5.5 (18.0)		
	Partie Ton	Body	m (ft.)	5.9 (19.4)	5.9 (19.4)	4	
	Engine Type			2JZ-GE	2JZ-GE	-	
	Valve Mechanism		<i>a</i> >	24-Valve, DOHC	24-Valve, DOHC	-	
	Bore x Stroke Displacement		mm (in.) cm ³ (cu.in.)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	١.,	
Engine	Compression Ratio		ciii- (cu.iii.)	2997 (182.9) 10.5 : 1	2997 (182.9) 10.5 : 1	40	
Eng	Carburetor Type or Inje	otion Dumn T	vna (Diacal)	EFI	EFI	+	
	Research Octane No. or			95 or More	95 or More	+	
	Max. Output ()	Cetalle No.	kW/rpm	163 / 5800 (EEC)	163 / 5800 (EEC)	\dashv	
	Max. Torque ()		N·m/rpm	298 / 3800 (EEC)	298 / 3800 (EEC)	145	
al	Battery Capacity (5HR) Voltage	& Amp. hr.	12 - 55	12 - 55	┤"∶	
Engine Electrical	Alternator Output	, ronage	Watts	1200	12-33	+	
Elec	Starter Output		kW	1.4	1.4	+	
	Clutch Type		К 11			1	
	Transaxle Type			A650E	A650E	50	
		In First		3.357	3.357	┤ ゚	
		In Second In Third In Fourth In Fifth		2.180	2.180	1	
	Transmission Gear			1.424	1.424	1	
	Ratio Ratio			1.000	1.000	55	
				0.753	0.753		
		In Reverse	;	3.431	3.431	7	
	Differential Gear Ratio	•		3.916	3.615	1	
	Differential Gear Size			8"	8"	1	
ssis	Duoleo Teme	Front		Ventilated Disc	Ventilated Disc		
Chassis	Brake Type Rear			Solid Disc	Solid Disc	60	
_	Parking Brake Type			Duo-Servo	Duo-Servo		
	Brake Booster Type and	d Size	in.	Hydraulic	Hydraulic]	
	Proportioning Valve typ	ре					
	Sucnancian Tona	Front		Double Wishbone	Double Wishbone		
	Suspension Type	Rear		Double Wishbone	Double Wishbone	6.5	
	Stabilizar Par	Front Rear		STD	STD	1	
	Stabilizer Bar			STD	STD	1	
	Steering Gear Type			Rack and Pinion	Rack and Pinion]	
	Steering Gear Ratio (O	verall)		17.2	17.2		
	Steering Gear Rano (O	reruir)				-	

 $[\]ast 1$: With Moon Roof $\,\ast 2$: Models for Hong Kong, Singapore, Thai and Brunei