

MAJOR TECHNICAL SPECIFICATIONS

Item			Area	Europe			
Body Type			4-Door Sedan				
Vehicle Grade			—				
Model Code			GXE10R-AEPVKW	GXE10L-AEPVKW	GXE10R-AEPVKW	GXE10L-AEPVKW	
Major Dimension & Vehicle Weights	Overall	Length	mm (in.)	4400 (173.2)	←	←	←
		Width	mm (in.)	1725 (67.9)	←	←	←
		Height	mm (in.)	1420 (55.9)	←	←	←
	Wheel Base		mm (in.)	2670 (105.1)	←	←	←
	Tread	Front	mm (in.)	1495 (58.9)	←	←	←
		Rear	mm (in.)	1485 (58.5)	←	←	←
	Room	Length	mm (in.)	1890 (74.4)	←	←	←
		Width	mm (in.)	1440 (56.7)	←	←	←
		Height	mm (in.)	1165 (45.9)/1125 (44.3)*2	←	←	←
	Overhang	Front	mm (in.)	750 (29.5)	←	←	←
		Rear	mm (in.)	980 (38.6)	←	←	←
	Min. Running Ground Clearance		mm (in.)	135 (5.3)	←	←	←
	Angle of Approach		degrees	18°	←	←	←
	Angle of Departure		degrees	16°	←	←	←
	Curb Weight	Front	kg (lb)	735~760 (1620~1675)	←	740~770 (1631~1698)	←
		Rear	kg (lb)	645~695 (1420~1532)	←	645~685 (1420~1510)	←
		Total	kg (lb)	1380~1455 (3042~3208)	←	1385~1455 (3053~3208)	←
	Gross Vehicle Weight	Front	kg (lb)	880 (1940)	←	890 (1962)	←
		Rear	kg (lb)	950 (2094)	←	940 (2072)	←
		Total	kg (lb)	1830 (4034)	←	←	←
Fuel Tank Capacity		L (Imp.gal.)	70 (15.4)	←	←	←	
Luggage Compartment Capacity		m ³ (cu.ft.)	0.40 (14.1)	←	←	←	
Performance	Max. Speed		km/h (mph)	215 (134)	←	205 (127)	←
	Max. Cruising Speed		km/h (mph)	—	—	—	—
	Acceleration	0 to 100 km/h	sec.	9.5	←	11.2	←
		0 to 400 m	sec.	16.7	←	17.8	←
	Max. Permissible Speed	1st Gear	km/h (mph)	46 (29)	←	61 (38)	←
		2nd Gear	km/h (mph)	84 (52)	←	117 (73)	←
		3rd Gear	km/h (mph)	124 (77)	←	—	—
		4th Gear	km/h (mph)	151 (94)	←	—	—
	Min. Turning Radius	Tire	m (ft.)	5.1 (16.7)	←	←	←
		Body	m (ft.)	5.4 (17.7)	←	←	←
	Engine Type			1G-FE	←	←	←
	Valve Mechanism			24-Valve, DOHC	←	←	←
Bore × Stroke			mm (in.)	75.0 × 75.0 (2.95 × 2.95)	←	←	
Displacement			cm ³ (cu.in.)	1988 (121.3)	←	←	
Compression Ratio			10.0 : 1	←	←	←	
Carburetor Type or Injection Pump Type (Diesel)			EFI	←	←	←	
Research Octane No. or Cetane No. (Diesel)			95 or More	←	←	←	
Max. Output			kW/rpm	114/6200 (EEC)	←	←	
Max. Torque			N-m/rpm	195/4600 (EEC)	←	←	
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 – 48	12 – 52	12 – 48	12 – 52
	Alternator Output		Watts	1200	←	←	←
Starter Output			kW	1.0	←	←	←
Chassis	Clutch Type			Dry, Single, Diaphragm	←	—	—
	Transmission Type			J160	←	A45DE	←
	Transmission Gear Ratio	In First		3.874	←	2.826	←
		In Second		2.175	←	1.493	←
		In Third		1.484	←	1.000	←
		In Fourth		1.223	←	0.730	←
		In Fifth		1.000	←	—	—
		In Sixth		0.869	←	—	—
		In Reverse		3.672	←	2.703	←
	Differential Gear Ratio			3.909	←	4.100	←
	Differential Gear Size		mm (in.)	190 (7.48)	←	←	←
	Brake Type	Front		Ventilated Disc	←	←	←
		Rear		Solid Disc	←	←	←
	Parking Brake Type			Duo-Servo	←	←	←
	Brake Booster Type and Size		in.	Tandem 7.5" + 7.5"	←	←	←
	Proportioning Valve Type			—	—	—	—
	Suspension Type	Front		Double Wishbone	←	←	←
		Rear		Double Wishbone	←	←	←
	Stabilizer Bar	Front		STD	←	←	←
		Rear		STD	←	←	←
Steering Gear Type			Rack & Pinion	←	←	←	
Steering Gear Ratio (Overall)			14.5	←	←	←	
Power Steering Type			Integral Type	←	←	←	

*1: With 205/55 R16 Tire

*2: With Moon Roof

Europe				Australia	
4-Door Sedan		5-Door		4-Door Sedan	
—					
JCE10R-AEAVFW	JCE10L-AEAVFW	JCE10R-AWAVFW	JCE10L-AWAVFW	GXE10R-AEFVKQ	GXE10R-AEPVKQ
←	←	4505 (117.4)	←	4400 (173.2)	← 5
←	←	←	←	←	←
←	←	1430 (56.3)	←	1420 (55.9)	←
←	←	←	←	←	←
←	←	←	←	←	←
←	←	1475 (58.1), 1485 (58.5)*1	←	1485 (58.5)	← 10
←	←	←	←	1890 (74.4)	←
←	←	←	←	1440 (56.7)	←
←	←	←	←	1165 (45.9)/1125 (44.3)*2	←
←	←	790 (31.1)	←	750 (29.5)	←
←	←	1045 (41.1)	←	980 (38.6)	← 15
←	←	←	←	135 (5.3)	←
←	←	13.8°	←	18°	←
←	←	16.1°	←	16°	←
810~830 (1786~1830)	←	815~830 (1797~1830)	←	740~760 (1631~1676)	745~760 (1642~1676)
690~750 (1521~1653)	←	725~785 (1598~1731)	←	655~695 (1444~1532)	← 20
1500~1580 (3307~3483)	←	1540~1615 (3395~3560)	←	1395~1455 (3075~3208)	1400~1455 (3086~3208)
950 (2094)	←	940 (2072)	←	845 (1863)	←
1005 (2216)	←	1050 (2315)	←	1045 (2304)	←
1955 (4310)	←	1990 (4387)	←	1890 (4167)	←
←	←	←	←	←	← 25
←	←	—	—	0.40 (14.1)	←
230 (143)	←	←	←	215 (134)	205 (127)
—	—	—	—	—	—
8.2	←	8.3	←	9.5	11.2
15.6	←	15.8	←	16.7	17.8 30
60 (37)	←	←	←	46 (29)	61 (38)
92 (57)	←	←	←	84 (53)	117 (73)
142 (88)	←	←	←	124 (77)	—
202 (126)	←	←	←	151 (94)	—
←	←	←	←	5.1 (16.7)	← 35
←	←	5.5 (18.0)	←	5.4 (17.7)	←
21Z-GE	←	←	←	1G-FE	←
24-Valve, DOHC	←	←	←	←	←
86.0 × 86.0 (3.39 × 3.39)	←	←	←	75.0 × 75.0 (2.95 × 2.95)	←
2997 (182.9)	←	←	←	1988 (121.3)	← 40
10.5 : 1	←	←	←	10.0 : 1	←
←	←	←	←	←	←
←	←	←	←	←	←
157/5800 (EEC)	←	←	←	114/6200 (EEC)	←
288/3800 (EEC)	←	←	←	195/4600 (EEC)	← 45
←	12 – 55	12 – 52	12 – 55	12 – 48	←
←	←	←	←	←	←
1.4	←	←	←	0.8	←
—	—	—	—	Dry, Single, Diaphragm	—
A650E	←	←	←	J160	A45DE 50
3.357	←	←	←	3.874	2.826
2.180	←	←	←	2.175	1.493
1.424	←	←	←	1.484	1.000
1.000	←	←	←	1.223	0.730
0.753	←	←	←	1.000	— 55
—	—	—	—	0.869	—
3.431	←	←	←	3.672	2.703
3.583	←	←	←	3.909	4.100
205 (8.07)	←	←	←	190 (7.48)	←
←	←	←	←	←	← 60
←	←	←	←	←	←
←	←	←	←	←	←
←	←	←	←	←	←
—	—	—	—	—	—
←	←	←	←	←	← 65
←	←	←	←	←	←
←	←	←	←	←	←
←	←	←	←	←	←
←	←	←	←	←	← 70
←	←	←	←	←	←

Item				Area	Australia	
Body Type					4-Door Sedan	
Vehicle Grade					—	
Model Code					JCE10R-AEAVFQ	
Major Dimension & Vehicle Weights	Overall	Length	mm (in.)	4400 (173.2)	5	
		Width	mm (in.)	1725 (67.9)		
		Height	mm (in.)	1420 (55.9)		
	Wheel Base		mm (in.)	2670 (105.1)		
	Tread	Front	mm (in.)	1495 (58.9)	10	
		Rear	mm (in.)	1485 (58.5)		
	Room	Length	mm (in.)	1890 (74.4)		
		Width	mm (in.)	1440 (56.7)		
		Height	mm (in.)	1165 (45.9)/1125 (44.3)*2		
	Overhang	Front	mm (in.)	750 (29.5)	15	
		Rear	mm (in.)	980 (38.6)		
	Min. Running Ground Clearance		mm (in.)	135 (5.3)		
	Angle of Approach		degrees	18°		
	Angle of Departure		degrees	16°		
	Curb Weight	Front	kg (lb)	815~830 (1797~1830)	20	
		Rear	kg (lb)	685~725 (1510~1598)		
		Total	kg (lb)	1500~1555 (3307~3428)		
	Gross Vehicle Weight	Front	kg (lb)	915 (2017)	25	
		Rear	kg (lb)	1055 (2325)		
		Total	kg (lb)	1970 (4343)		
Fuel Tank Capacity		L (Imp.gal.)	70 (15.4)			
Luggage Compartment Capacity		m ³ (cu.ft.)	0.40 (14.1)			
Performance	Max. Speed		km/h (mph)	230 (143)	30	
	Max. Cruising Speed		km/h (mph)	—		
	Acceleration	0 to 100 km/h	sec.	8.2		
		0 to 400 m	sec.	15.6		
	Max. Permissible Speed	1st Gear	km/h (mph)	60 (37)		
		2nd Gear	km/h (mph)	92 (57)		
		3rd Gear	km/h (mph)	142 (88)		
		4th Gear	km/h (mph)	202 (126)		
	Min. Turning Radius	Tire	m (ft.)	5.1 (16.7)		35
Body		m (ft.)	5.4 (17.7)			
Engine	Engine Type		2JZ-GE		40	
	Valve Mechanism		24-Valve, DOHC			
	Bore × Stroke		mm (in.)	86.0 × 86.0 (3.39 × 3.39)		
	Displacement		cm ³ (cu.in.)	2997 (182.9)		
	Compression Ratio		10.5 : 1			
	Carburetor Type or Injection Pump Type (Diesel)		EFI			
	Research Octane No. or Cetane No. (Diesel)		95 or More			
	Max. Output		kW/rpm	157/6000 (EEC)		
Engine Electrical	Max. Torque		N·m/rpm	288/4000 (EEC)	45	
	Battery Capacity (5HR)	Voltage & Amp. hr.	12 – 52			
Chassis	Alternator Output		Watts	1200	60	
	Starter Output		kW	1.4		
	Clutch Type		—			
	Transmission Type		A650E			
	Transmission Gear Ratio	In First	3.357			55
		In Second	2.180			
		In Third	1.424			
		In Fourth	1.000			
		In Fifth	0.753			
		In Sixth	—			
	In Reverse		3.431			
	Differential Gear Ratio		3.583			
	Differential Gear Size		mm (in.)	205 (8.07)		
	Brake Type	Front	Ventilated Disc			
		Rear	Solid Disc			
	Parking Brake Type		Duo-Servo			
	Brake Booster Type and Size		in.	Tandem 7.5" + 7.5"		
	Proportioning Valve Type		—			
	Suspension Type	Front	Double Wishbone			65
		Rear	Double Wishbone			
Stabilizer Bar	Front	STD		70		
	Rear	STD				
Steering Gear Type		Rack & Pinion				
Steering Gear Ratio (Overall)		14.5				
Power Steering Type		Integral Type				

*1: With 205/55 R16 Tire

*2: With Moon Roof