

# MAJOR TECHNICAL SPECIFICATIONS

Item				Area				
Body Type				Europe				
Vehicle Grade				4-Door Sedan				
Model Code				—				
				GXE10L-AEFVKW	GXE10R-AEFVKW	GXE10L-AEPVKW	GXE10R-AEPVKW	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4400 (172.3)	4400 (172.3)	4400 (172.3)	4400 (172.3)	5
		Width	mm (in.)	1725 (67.9)	1725 (67.9)	1725 (67.9)	1725 (67.9)	
		Height	mm (in.)	1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)	
	Wheel Base		mm (in.)	2670 (105.1)	2670 (105.1)	2670 (105.1)	2670 (105.1)	
	Tread	Front	mm (in.)	1495 (58.9)	1495 (58.9)	1495 (58.9)	1495 (58.9)	
		Rear	mm (in.)	1485 (58.5)	1485 (58.5)	1485 (58.5)	1485 (58.5)	10
	Room	Length	mm (in.)	1890 (74.4)	1890 (74.4)	1890 (74.4)	1890 (74.4)	
		Width	mm (in.)	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)	
		Height	mm (in.)	1165 (45.9) / 1125 (44.3)*2	1165 (45.9) / 1125 (44.3)*2	1165 (45.9) / 1125 (44.3)*2	1165 (45.9) / 1125 (44.3)*2	
	Overhang	Front	mm (in.)	750 (29.5)	750 (29.5)	750 (29.5)	750 (29.5)	
		Rear	mm (in.)	980 (38.6)	980 (38.6)	980 (38.6)	980 (38.6)	15
	Min. Running Ground Clearance		mm (in.)	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)	
	Angle of Approach		degrees	18°	18°	18°	18°	
	Angle of Departure		degrees	16°	16°	16°	16°	
	Curb Weight	Front	kg (lb)	735 ~ 760 (1620 ~ 1675)	735 ~ 760 (1620 ~ 1675)	740 ~ 770 (1631 ~ 1698)	740 ~ 770 (1631 ~ 1698)	
		Rear	kg (lb)	645 ~ 695 (1420 ~ 1532)	645 ~ 695 (1420 ~ 1532)	645 ~ 685 (1420 ~ 1510)	645 ~ 685 (1420 ~ 1510)	20
		Total	kg (lb)	1380 ~ 1455 (3042 ~ 3208)	1380 ~ 1455 (3042 ~ 3208)	1385 ~ 1455 (3053 ~ 3208)	1385 ~ 1455 (3053 ~ 3208)	
	Gross Vehicle Weight	Front	kg (lb)	880 (1940)	880 (1940)	890 (1962)	890 (1962)	
		Rear	kg (lb)	950 (2094)	950 (2094)	940 (2072)	940 (2072)	
		Total	kg (lb)	1830 (4034)	1830 (4034)	1830 (4034)	1830 (4034)	
	Fuel Tank Capacity		ℓ (Imp.gal.)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	25
	Luggage Compartment Capacity		m <sup>3</sup> (cu.ft.)	0.40 (14.1)	0.40 (14.1)	0.40 (14.1)	0.40 (14.1)	
Max. Speed		km / h (mph)	215 (134)	215 (134)	205 (127)	205 (127)		
Max. Cruising Speed		km / h (mph)	—	—	—	—		
Performance	Acceleration	0 to 100 km / h	sec.	9.5	9.5	11.2	11.2	
		0 to 400 m	sec.	16.7	16.7	17.8	17.8	30
	Max. Permissible Speed	1st Gear	km / h (mph)	46 (29)	46 (29)	61 (38)	61 (38)	
		2nd Gear	km / h (mph)	84 (52)	84 (52)	117 (73)	117 (73)	
		3rd Gear	km / h (mph)	124 (77)	124 (77)	—	—	
		4th Gear	km / h (mph)	151 (94)	151 (94)	—	—	
	Min. Turning Radius	Tire	m (ft.)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	35
		Body	m (ft.)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	
Engine	Engine Type			1G-FE	1G-FE	1G-FE	1G-FE	
	Valve Mechanism			24-Valve, DOHC	24-Valve, DOHC	24-Valve, DOHC	24-Valve, DOHC	
	Bore x Stroke		mm (in.)	75.0 x 75.0 (2.95 x 2.95)	75.0 x 75.0 (2.95 x 2.95)	75.0 x 75.0 (2.95 x 2.95)	75.0 x 75.0 (2.95 x 2.95)	40
	Displacement		cm <sup>3</sup> (cu.in.)	1988 (121.3)	1988 (121.3)	1988 (121.3)	1988 (121.3)	
	Compression Ratio			10.0 : 1	10.0 : 1	10.0 : 1	10.0 : 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	114 / 6200 (EEC)	114 / 6200 (EEC)	114 / 6200 (EEC)	114 / 6200 (EEC)	
Engine Electrical	Max. Torque ( )		N·m / rpm	195 / 4600 (EEC)	195 / 4600 (EEC)	195 / 4600 (EEC)	195 / 4600 (EEC)	45
	Battery Capacity (5HR)	Voltage & Amp. hr.		12 - 52	12 - 48	12 - 52	12 - 48	
	Alternator Output	Watts		1200	1200	1200	1200	
Starter Output		kW		1.0	1.0	1.0	1.0	
Chassis	Clutch Type			Dry, Single, Diaphragm	Dry, Single, Diaphragm	—	—	
	Transaxle Type			J160	J160	A45DE	A45DE	50
	Transmission Gear Ratio	In First		3.874	3.874	2.826	2.826	
		In Second		2.175	2.175	1.493	1.493	
		In Third		1.484	1.484	1.000	1.000	
		In Fourth		1.223	1.223	0.730	0.730	
		In Fifth		1.000	1.000	—	—	55
		In Sixth		0.869	0.869	—	—	
	In Reverse			3.672	3.672	2.703	2.703	
	Counter Gear Ratio			3.909	3.909	4.100	4.100	
	Differential Gear Size		mm (in.)	190 (7.48)	190 (7.48)	190 (7.48)	190 (7.48)	
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	60
		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.	Tandem 7.5" + 7.5"	Tandem 7.5" + 7.5"	Tandem 7.5" + 7.5"	Tandem 7.5" + 7.5"	
	Proportioning Valve Type			—	—	—	—	
	Suspension Type	Front		Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	65
		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 & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	
	Steering Gear Ratio (Overall)			14.5	14.5	14.5	14.5	70
	Power Steering Type			Integral Type	Integral Type	Integral Type	Integral Type	

\*1: With 205 / 55 R 16 Tire

\*2: With Moon Roof

Europe					
5-Door		4-Door Sedan		5-Door	
GXE10L-AWFKVKW		GXE10R-AWFKVKW		JCE10L-AEAVFW	
GXE10L-AWFKVKW		GXE10R-AWFKVKW		JCE10R-AEAVFW	
GXE10L-AWFKVKW		GXE10R-AWFKVKW		JCE10L-AWAVFW	
GXE10R-AWFKVKW		JCE10L-AEAVFW		JCE10R-AEAVFW	
JCE10L-AWAVFW		JCE10R-AWAVFW		JCE10L-AWAVFW	
JCE10R-AWAVFW		JCE10L-AWAVFW		JCE10R-AWAVFW	
5	4505 (117.4)	4505 (117.4)	4400 (172.3)	4400 (172.3)	4505 (117.4)
	1725 (67.9)	1725 (67.9)	1725 (67.9)	1725 (67.9)	1725 (67.9)
	1430 (56.3)	1430 (56.3)	1420 (55.9)	1420 (55.9)	1430 (56.3)
	2670 (105.1)	2670 (105.1)	2670 (105.1)	2670 (105.1)	2670 (105.1)
	1495 (58.9)	1495 (58.9)	1495 (58.9)	1495 (58.9)	1495 (58.9)
10	1485 (58.5)	1485 (58.5)	1485 (58.5)	1485 (58.5)	1475 (58.1), 1485 (58.5)*1
	1890 (74.4)	1890 (74.4)	1890 (74.4)	1890 (74.4)	1890 (74.4)
	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)
	1165 (45.9) / 1125 (44.3)*2	1165 (45.9) / 1125 (44.3)*2	1165 (45.9) / 1125 (44.3)*2	1165 (45.9) / 1125 (44.3)*2	1165 (45.9) / 1125 (44.3)*2
	790 (31.1)	790 (31.1)	750 (29.5)	750 (29.5)	790 (31.1)
15	1045 (41.1)	1045 (41.1)	980 (38.6)	980 (38.6)	1045 (41.1)
	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)
	13.8°	13.8°	18°	18°	13.8°
	16.1°	16.1°	16°	16°	16.1°
	740 ~ 760 (1631 ~ 1675)	740 ~ 760 (1631 ~ 1675)	810 ~ 830 (1786 ~ 1830)	810 ~ 830 (1786 ~ 1830)	815 ~ 830 (1797 ~ 1830)
20	690 ~ 725 (1521 ~ 1598)	690 ~ 725 (1521 ~ 1598)	690 ~ 750 (1521 ~ 1653)	690 ~ 750 (1521 ~ 1653)	725 ~ 785 (1598 ~ 1731)
	1430 ~ 1485 (3153 ~ 3274)	1430 ~ 1485 (3153 ~ 3274)	1500 ~ 1580 (3307 ~ 3483)	1500 ~ 1580 (3307 ~ 3483)	1540 ~ 1615 (3395 ~ 3560)
	860 (1896)	860 (1896)	950 (2094)	950 (2094)	940 (2072)
	1010 (2227)	1010 (2227)	1005 (2216)	1005 (2216)	1050 (2315)
	1870 (4123)	1870 (4123)	1955 (4310)	1955 (4310)	1990 (4387)
25	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)
	—	—	0.40 (14.1)	0.40 (14.1)	—
	215 (134)	215 (134)	230 (143)	230 (143)	230 (143)
	—	—	—	—	—
	9.5	9.5	8.2	8.2	8.3
30	16.7	16.7	15.6	15.6	15.8
	46 (29)	46 (29)	60 (37)	60 (37)	60 (37)
	84 (52)	84 (52)	92 (57)	92 (57)	92 (57)
	124 (77)	124 (77)	142 (88)	142 (88)	142 (88)
	151 (94)	151 (94)	202 (126)	202 (126)	202 (126)
35	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)
	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.5 (18.0)
	1G-FE	1G-FE	2JZ-GE	2JZ-GE	2JZ-GE
	24-Valve, DOHC	24-Valve, DOHC	24-Valve, DOHC	24-Valve, DOHC	24-Valve, DOHC
	75.0 x 75.0 (2.95 x 2.95)	75.0 x 75.0 (2.95 x 2.95)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)
40	1988 (121.3)	1988 (121.3)	2997 (182.9)	2997 (182.9)	2997 (182.9)
	10.0 : 1	10.0 : 1	10.5 : 1	10.5 : 1	10.5 : 1
	EFI	EFI	EFI	EFI	EFI
	95 or More	95 or More	95 or More	95 or More	95 or More
	114 / 6200 (EEC)	114 / 6200 (EEC)	157 / 5800 (EEC)	157 / 5800 (EEC)	157 / 5800 (EEC)
45	195 / 4600 (EEC)	195 / 4600 (EEC)	288 / 3800 (EEC)	288 / 3800 (EEC)	288 / 3800 (EEC)
	12 - 52	12 - 48	12 - 55	12 - 52	12 - 55
	1200	1200	1200	1200	1200
	1.0	1.0	1.4	1.4	1.4
	Dry, Single, Diaphragm	Dry, Single, Diaphragm	—	—	—
50	J160	J160	A650E	A650E	A650E
	3.874	3.874	3.357	3.357	3.357
	2.175	2.175	2.180	2.180	2.180
	1.484	1.484	1.424	1.424	1.424
	1.223	1.223	1.000	1.000	1.000
55	1.000	1.000	0.753	0.753	0.753
	0.869	0.869	—	—	—
	3.672	3.672	3.431	3.431	3.431
	3.909	3.909	3.583	3.583	3.583
	190 (7.48)	190 (7.48)	205 (8.07)	205 (8.07)	205 (8.07)
60	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc
	Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo
	Tandem 7.5" + 7.5"	Tandem 7.5" + 7.5"	Tandem 7.5" + 7.5"	Tandem 7.5" + 7.5"	Tandem 7.5" + 7.5"
	—	—	—	—	—
65	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	STD	STD	STD	STD	STD
	STD	STD	STD	STD	STD
	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
70	14.5	14.5	14.5	14.5	14.5
	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type

Item			Area			Australia		
Body Type			4-Door Sedan					
Vehicle Grade			—					
Model Code			GXE10R-AEPVKQ	GXE10R-AEPVKQ	JCE10R-AEAVFQ			
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4400 (173.2)	4400 (173.2)	4400 (172.3)	5	
		Width	mm (in.)	1725 (67.9)	1725 (67.9)	1725 (67.9)		
		Height	mm (in.)	1420 (55.9)	1420 (55.9)	1420 (55.9)		
	Wheel Base		mm (in.)	2670 (105.1)	2670 (105.1)	2670 (105.1)		
	Tread	Front	mm (in.)	1495 (58.9)	1495 (58.9)	1495 (58.9)		
		Rear	mm (in.)	1485 (58.5)	1485 (58.5)	1485 (58.5)	10	
	Room	Length	mm (in.)	1890 (74.4)	1890 (74.4)	1890 (74.4)		
		Width	mm (in.)	1440 (56.7)	1440 (56.7)	1440 (56.7)		
		Height	mm (in.)	1165 (45.9) / 1125 (44.3)*2	1165 (45.9) / 1125 (44.3)*2	1165 (45.9) / 1125 (44.3)*2		
	Overhang	Front	mm (in.)	750 (29.5)	750 (29.5)	750 (29.5)		
		Rear	mm (in.)	980 (38.6)	980 (38.6)	980 (38.6)	15	
	Min. Running Ground Clearance		mm (in.)	135 (5.3)	135 (5.3)	135 (5.3)		
	Angle of Approach		degrees	18°	18°	18°		
	Angle of Departure		degrees	16°	16°	16°		
	Curb Weight	Front	kg (lb)	745 ~ 760 (1642 ~ 1676)	740 ~ 760 (1631 ~ 1675)	815 ~ 830 (1797 ~ 1830)		
		Rear	kg (lb)	655 ~ 695 (1444 ~ 1532)	655 ~ 695 (1444 ~ 1532)	685 ~ 725 (1510 ~ 1598)		
		Total	kg (lb)	1400 ~ 1455 (3086 ~ 3208)	1395 ~ 1455 (3075 ~ 3208)	1500 ~ 1555 (3307 ~ 3428)	20	
	Gross Vehicle Weight	Front	kg (lb)	845 (1863)	845 (1863)	915 (2017)		
		Rear	kg (lb)	1045 (2304)	1045 (2304)	1055 (2325)		
		Total	kg (lb)	1890 (4167)	1890 (4167)	1970 (4343)		
	Fuel Tank Capacity		ℓ (Imp.gal.)	70 (15.4)	70 (15.4)	70 (15.4)	25	
	Luggage Compartment Capacity		m <sup>3</sup> (cu.ft.)	0.40 (14.1)	0.40 (14.1)	0.40 (14.1)		
Performance	Max. Speed		km / h (mph)	205 (127)	215 (134)	230 (143)		
	Max. Cruising Speed		km / h (mph)	—	—	—		
	Acceleration	0 to 100 km / h	sec.	11.2	9.5	8.2		
		0 to 400 m	sec.	16.7	16.7	15.6		
	Max. Permissible Speed	1st Gear	km / h (mph)	61 (38)	46 (29)	60 (37)		
		2nd Gear	km / h (mph)	117 (73)	84 (52)	92 (57)		
		3rd Gear	km / h (mph)	—	124 (77)	142 (88)		
		4th Gear	km / h (mph)	—	151 (94)	202 (126)		
	Min. Turning Radius	Tire	m (ft.)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)		
		Body	m (ft.)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	35	
Engine	Engine Type			1G-FE	1G-FE	2JZ-GE		
	Valve Mechanism			24-Valve, DOHC	24-Valve, DOHC	24-Valve, DOHC		
	Bore x Stroke		mm (in.)	75.0 x 75.0 (2.95 x 2.95)	75.0 x 75.0 (2.95 x 2.95)	86.0 x 86.0 (3.39 x 3.39)		
	Displacement		cm <sup>3</sup> (cu.in.)	1988 (121.3)	1988 (121.3)	2997 (182.9)		
	Compression Ratio			10.0 : 1	10.0 : 1	10.5 : 1		
	Carburetor Type or Injection Pump Type (Diesel)			EFI	EFI	EFI		
	Research Octane No. or Cetane No. (Diesel)			95 or More	95 or More	95 or More		
	Max. Output ( )		kW / rpm	114 / 6200 (EEC)	114 / 6200 (EEC)	157 / 5800 (EEC)		
	Max. Torque ( )		N·m / rpm	195 / 4600 (EEC)	195 / 4600 (EEC)	288 / 3800 (EEC)	45	
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 48	12 - 48	12 - 52		
	Alternator Output		Watts	1200	1200	1200		
	Starter Output		kW	0.8	0.8	1.4		
Chassis	Clutch Type			—	Dry, Single, Diaphragm	—		
	Transaxle Type			A45DE	J160	A650E	50	
	Transmission Gear Ratio	In First		2.826	3.874	3.357		
		In Second		1.493	2.175	2.180		
		In Third		1.000	1.484	1.424		
		In Fourth		0.730	1.223	1.000		
		In Fifth		—	1.000	0.753		
		In Sixth		—	0.869	—	55	
		In Reverse		2.703	3.672	3.431		
	Counter Gear Ratio			4.100	3.909	3.583		
	Differential Gear Size		mm (in.)	190 (7.48)	190 (7.48)	205 (8.07)		
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc		
		Rear		Solid Disc	Solid Disc	Solid Disc	60	
	Parking Brake Type			Duo-Servo	Duo-Servo	Duo-Servo		
	Brake Booster Type and Size		in.	Tandem 7.5" + 7.5"	Tandem 7.5" + 7.5"	Tandem 7.5" + 7.5"		
	Proportioning Valve Type			—	—	—		
	Suspension Type	Front		Double Wishbone	Double Wishbone	Double Wishbone		
		Rear		Double Wishbone	Double Wishbone	Double Wishbone	65	
	Stabilizer Bar	Front		STD	STD	STD		
		Rear		STD	STD	STD		
	Steering Gear Type			Rack & Pinion	Rack & Pinion	Rack & Pinion		
	Steering Gear Ratio (Overall)			14.5	14.5	14.5		
	Power Steering Type			Integral Type	Integral Type	Integral Type	70	

\*1: With 205 / 55 R 16 Tire

\*2: With Moon Roof