

MAJOR TECHNICAL SPECIFICATIONS

Item		Area	Europe				
Body Type		4-Door Sedan					
Vehicle Grade		—					
Model Code		GXE10L-AEVLKW	GXE10R-AEVLKW	GXE10L-AEVLKW	GXE10R-AEVLKW		
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4400 (172.3)	4400 (172.3)	4400 (172.3)	4400 (172.3)	
		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)	
	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)	
	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)	
		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)		
Luggage Compartment Capacity	m ³ (cu.ft.)	0.40 (14.1)	0.40 (14.1)	0.40 (14.1)	0.40 (14.1)		
Performance	Max. Speed	km/h (mph)	215 (134)	215 (134)	205 (127)	205 (127)	
	Max. Cruising Speed	km/h (mph)	—	—	—	—	
	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	
	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)	
		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)	
	Displacement	cm ³ (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)	
	Max. Torque ()	N·m / rpm	195/4600 (EEC)	195/4600 (EEC)	195/4600 (EEC)	195/4600 (EEC)	
Engine Electrical	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	
	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	—	—
		In Sixth		0.869	0.869	—	—
	Counter Gear Ratio		3.672	3.672	2.703	2.703	
	Differential 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
		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	
	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	
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-AWFKVW	GXE10R-AWFKVW	JCE10L-AEAVFW	JCE10R-AEAVFW	JCE10L-AWAVFW	JCE10R-AWAVFW	
5	4505 (117.4)	4505 (117.4)	4400 (172.3)	4400 (172.3)	4505 (117.4)	4505 (117.4)
	1725 (67.9)	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)	1430 (56.3)
	2670 (105.1)	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)	1495 (58.9)
10	1485 (58.5)	1485 (58.5)	1485 (58.5)	1485 (58.5)	1475 (58.1), 1485 (58.5)*1	1475 (58.1), 1485 (58.5)*1
	1890 (74.4)	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)	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	1165 (45.9)/1125 (44.3)*2
	790 (31.1)	790 (31.1)	750 (29.5)	750 (29.5)	790 (31.1)	790 (31.1)
15	1045 (41.1)	1045 (41.1)	980 (38.6)	980 (38.6)	1045 (41.1)	1045 (41.1)
	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)
	13.8°	13.8°	18°	18°	13.8°	13.8°
	16.1°	16.1°	16°	16°	16.1°	16.1°
	740 ~ 760 (1631 ~ 1675)	740 ~ 760 (1631 ~ 1675)	810 ~ 830 (1786 ~ 1830)	810 ~ 830 (1786 ~ 1830)	815 ~ 830 (1797 ~ 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)	725 ~ 785 (1598 ~ 1731)
	1430 ~ 1485 (3153 ~ 3274)	1430 ~ 1485 (3153 ~ 3274)	1500 ~ 1580 (3307 ~ 3483)	1500 ~ 1580 (3307 ~ 3483)	1540 ~ 1615 (3395 ~ 3560)	1540 ~ 1615 (3395 ~ 3560)
	860 (1896)	860 (1896)	950 (2094)	950 (2094)	940 (2072)	940 (2072)
	1010 (2227)	1010 (2227)	1005 (2216)	1005 (2216)	1050 (2315)	1050 (2315)
	1870 (4123)	1870 (4123)	1955 (4310)	1955 (4310)	1990 (4387)	1990 (4387)
25	70 (15.4)	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)	230 (143)
	—	—	—	—	—	—
	9.5	9.5	8.2	8.2	8.3	8.3
30	16.7	16.7	15.6	15.6	15.8	15.8
	46 (29)	46 (29)	60 (37)	60 (37)	60 (37)	60 (37)
	84 (52)	84 (52)	92 (57)	92 (57)	92 (57)	92 (57)
	124 (77)	124 (77)	142 (88)	142 (88)	142 (88)	142 (88)
	151 (94)	151 (94)	202 (126)	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)	5.1 (16.7)
	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.5 (18.0)	5.5 (18.0)
	1G-FE	1G-FE	2JZ-GE	2JZ-GE	2JZ-GE	2JZ-GE
	24-Valve, DOHC	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)	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)	2997 (182.9)
	10.0 : 1	10.0 : 1	10.5 : 1	10.5 : 1	10.5 : 1	10.5 : 1
	EFI	EFI	EFI	EFI	EFI	EFI
	95 or More	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)	157/5800 (EEC)
45	195/4600 (EEC)	195/4600 (EEC)	288/3800 (EEC)	288/3800 (EEC)	288/3800 (EEC)	288/3800 (EEC)
	12 - 52	12 - 48	12 - 55	12 - 52	12 - 55	12 - 52
	1200	1200	1200	1200	1200	1200
	1.0	1.0	1.4	1.4	1.4	1.4
	Dry, Single, Diaphragm	Dry, Single, Diaphragm	—	—	—	—
50	J160	J160	A650E	A650E	A650E	A650E
	3.874	3.874	3.357	3.357	3.357	3.357
	2.175	2.175	2.180	2.180	2.180	2.180
	1.484	1.484	1.424	1.424	1.424	1.424
	1.223	1.223	1.000	1.000	1.000	1.000
55	1.000	1.000	0.753	0.753	0.753	0.753
	0.869	0.869	—	—	—	—
	3.672	3.672	3.431	3.431	3.431	3.431
	3.909	3.909	3.583	3.583	3.583	3.583
	190 (7.48)	190 (7.48)	205 (8.07)	205 (8.07)	205 (8.07)	205 (8.07)
60	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc
	Duo-Servo	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"	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	Double Wishbone	Double Wishbone
	STD	STD	STD	STD	STD	STD
	STD	STD	STD	STD	STD	STD
	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
70	14.5	14.5	14.5	14.5	14.5	14.5
	Integral Type	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-AEFVKQ	JCE10R-AEAVFQ	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4400 (173.2)	4400 (173.2)	4400 (172.3)
		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)
	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)
	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)	
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)	
Luggage Compartment Capacity	m ³ (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)
Engine	Engine Type	1G-FE			
	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 ³ (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)	
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	
	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	—
	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
	Parking Brake Type	Duo-Servo			
	Brake Booster Type and Size in.	Tandem 7.5" + 7.5"			
	Proportioning Valve Type	—			
Suspension Type	Front	Double Wishbone	Double Wishbone	Double Wishbone	
	Rear	Double Wishbone	Double Wishbone	Double Wishbone	
Stabilizer Bar	Front	STD	STD	STD	
	Rear	STD	STD	STD	
Steering Gear Type	Rack & Pinion				
Steering Gear Ratio (Overall)	14.5				
Power Steering Type	Integral Type				

*1: With 205 / 55 R 16 Tire

*2: With Moon Roof