MAJOR TECHNICAL SPECIFICATIONS

Area			Australia			
Vehicle Grade			N	GRANDE	N	GRANDE
Model Code			GSU40R-BRANKQ	GSU40R-BRAGKQ	GSU45R-BRANKQ	GSU45R-BRAGKQ
Major Dimensions & Vehicle Weights						
Overall	Length	mm (in.)	4785 (188.4)	4785 (188.4)	4785 (188.4)	4785 (188.4)
	Width	mm (in.)	1910 (75.2)	1910 (75.2)	1910 (75.2)	1910 (75.2)
	Height*1	mm (in.)	1760 (69.3)*2, 1730 (68.1)*3	1760 (69.3)	1760 (69.3)*2, 1730 (68.1)*3	1760 (69.3)
Wheel Base		mm (in.)	2790 (109.8)	2790 (109.8)	2790 (109.8)	2790 (109.8)
Tread*1	Front	mm (in.)	1625 (64.0)	1625 (64.0)	1625 (64.0)	1625 (64.0)
	Rear	mm (in.)	1630 (64.2)	1630 (64.2)	1625 (64.0)	1625 (64.0)
Room	Length	mm (in.)	—	—	—	—
	Width	mm (in.)	1517 (59.7)	1517 (59.7)	1517 (59.7)	1517 (59.7)
	Height	mm (in.)	1245 (49.0)	1245 (49.0)	1245 (49.0)	1245 (49.0)
Overhang	Front	mm (in.)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
	Rear	mm (in.)	1065 (41.9)	1065 (41.9)	1065 (41.9)	1065 (41.9)
Min. Running Ground Clearance		mm (in.)	206 (8.1)	206 (8.1)	206 (8.1)	206 (8.1)
Angle of Approach/Departure		degrees	23/24	23/24	23/24	23/24
Curve Weight	Front	kg (lb)	1060 to 1085 (2337 to 2392)	1080 to 1090 (2381 to 2403)	1100 to 1125 (2425 to 2480)	1120 to 1130 (2469 to 2491)
	Rear	kg (lb)	770 to 855 (1698 to 1885)	850 to 865 (1873 to 1907)	830 to 915 (1830 to 2017)	905 to 925 (1995 to 2039)
	Total	kg (lb)	1830 to 1940 (4034 to 4277)	1930 to 1955 (4255 to 4310)	1930 to 2040 (4255 to 4497)	2025 to 2055 (4464 to 4531)
Gross Vehicle Weight	Front	kg (lb)	1140 (2513)	1145 (2524)	1180 (2601)	1190 (2623)
	Rear	kg (lb)	1490 (3285)	1485 (3274)	1540 (3395)	1530 (3373)
	Total	kg (lb)	2630 (5798)	2630 (5798)	2720 (5997)	2720 (5997)
Luggage Compartment Capacity (behind 2nd/3rd)		m^3 (cu.ft.)	1.20/0.29 (42.3/10.3)	1.20/0.29 (42.3/10.3)	1.20/0.29 (42.3/10.3)	1.20/0.29 (42.3/10.3)
Fuel Tank Capacity		L (US.gal, Imp.gal)	72 (19.0, 15.8)	72 (19.0, 15.8)	72 (19.0, 15.8)	72 (19.0, 15.8)
Performance						
Max. Speed		km/h (mph)	180 (111)	180 (111)	180 (111)	180 (111)
Max. Cruising Speed		km/h (mph)	180 (111)	180 (111)	180 (111)	180 (111)
Acceleration	0 to 100 km/h	sec.	8.0	8.0	8.2	8.2
	0 to 400 m	sec.	—	—	—	—
Max. Permissible Speed	1st Gear	km/h (mph)	59 (36)	59 (36)	59 (36)	59 (36)
	2nd Gear	km/h (mph)	105 (65)	105 (65)	105 (65)	105 (65)
	3rd Gear	km/h (mph)	163 (101)	163 (101)	163 (101)	163 (101)
	4th Gear	km/h (mph)	180 (111)	180 (111)	180 (111)	180 (111)
	5th Gear	km/h (mph)	180 (111)	180 (111)	180 (111)	180 (111)
Min. Turning Radius	Tire	m (ft.)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)
	Body	m (ft.)	6.3 (20.7)	6.3 (20.7)	6.3 (20.7)	6.3 (20.7)
Engine						
Engine Type			2GR-FE	2GR-FE	2GR-FE	2GR-FE
No. of Cyls. & Arrangement			6-cylinder, V Type	6-cylinder, V Type	6-cylinder, V Type	6-cylinder, V Type
Valve Mechanism			24-valve DOHC with Dual VVT-i	24-valve DOHC with Dual VVT-i	24-valve DOHC with Dual VVT-i	24-valve DOHC with Dual VVT-i
Bore × Stroke		mm (in.)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 83.0 (3.70 × 3.27)
Displacement		cm^3 (cu.in.)	3456 (210.9)	3456 (210.9)	3456 (210.9)	3456 (210.9)
Compression Ratio			10.8 : 1	10.8 : 1	10.8 : 1	10.8 : 1
Fuel System			SFI	SFI	SFI	SFI
Research Octane No. or Cetane No.			91 or higher	91 or higher	91 or higher	91 or higher
Max. Output (EEC)		kw@rpm	201@6200	201@6200	201@6200	201@6200
Max. Torque (EEC)		N·m@rpm	337@4700	337@4700	337@4700	337@4700
Engine Electrical						
Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 55	12 - 55	12 - 55	12 - 55
Alternator Output		Watts	1800	1800	1800	1800
Starter Output		kW	1.7	1.7	1.7	1.7
Chassis						
Transaxle Type			U151E	U151E	U151F	U151F
Transmission Gear Ratio (Counter Gear Ratio Included)	1st		4.235	4.235	4.235	4.235
	2nd		2.360	2.360	2.360	2.360
	3rd		1.517	1.517	1.517	1.517
	4th		1.047	1.047	1.047	1.047
	5th		0.756	0.756	0.756	0.756
	Reverse		3.378	3.378	3.378	3.378
Differential (Final) Gear Ratio		Front/Rear	3.478/—	3.478/—	3.478/2.928	3.478/2.928
Rear Differential Ring Gear Size		in.	—	—	6.7	6.7
Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Rear		Solid Disc	Solid Disc	Solid Disc	Solid Disc
Suspension Type	Front		MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Rear		Dual-link, Strut type	Dual-link, Strut type	Dual-link, Strut type	Dual-link, Strut type
Stabilizer Bar		Front/Rear	Standard/Standard	Standard/Standard	Standard/Standard	Standard/Standard
Steering Gear Type			Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
Steering Gear Ratio			17.0	17.0	17.0	17.0
Power Steering Type			Electric Motor	Electric Motor	Electric Motor	Electric Motor

*1: Unladen Vehicle *2: With Roof Rail *3: Without Roof Rail

	Russia	
	N	LIMITED
	GSU45L-BRANKX	GSU45L-BRAGKX
5	4785 (188.4)	4785 (188.4)
	1910 (75.2)	1910 (75.2)
	1760 (69.3)	1760 (69.3)
	2790 (109.8)	2790 (109.8)
	1625 (64.0)	1625 (64.0)
10	1625 (64.0)	1625 (64.0)
	—	—
	1517 (59.7)	1517 (59.7)
	1245 (49.0)	1245 (49.0)
	930 (36.6)	930 (36.6)
15	1065 (41.9)	1065 (41.9)
	206 (8.1)	206 (8.1)
	23/24	23/24
	1100 to 1110 (2425 to 2447)	1100 to 1120 (2425 to 2469)
	845 to 910 (1863 to 2006)	900 to 930 (1984 to 2050)
20	1945 to 2020 (4288 to 4453)	2000 to 2050 (4409 to 4519)
	1160 (2557)	1180 (2601)
	1560 (3439)	1540 (3395)
	2720 (5997)	2720 (5997)
	1.20/0.29 (42.3/10.3)	1.20/0.29 (42.3/10.3)
25	72 (19.0, 15.8)	72 (19.0, 15.8)
	180 (111)	180 (111)
	180 (111)	180 (111)
	8.2	8.2
30	—	—
	59 (36)	59 (36)
	105 (65)	105 (65)
	163 (101)	163 (101)
	180 (111)	180 (111)
35	180 (111)	180 (111)
	5.9 (19.4)	5.9 (19.4)
	6.3 (20.7)	6.3 (20.7)
	2GR-FE	2GR-FE
40	6-cylinder, V Type	6-cylinder, V Type
	24-valve DOHC with Dual VVT-i	24-valve DOHC with Dual VVT-i
	94.0 × 83.0 (3.70 × 3.27)	94.0 × 83.0 (3.70 × 3.27)
	3456 (210.9)	3456 (210.9)
	10.8 : 1	10.8 : 1
45	SFI	SFI
	91 or higher	91 or higher
	201@6200	201@6200
	337@4700	337@4700
50	12 - 55	12 - 55
	1800	1800
	1.7	1.7
	U151F	U151F
55	4.235	4.235
	2.360	2.360
	1.517	1.517
	1.047	1.047
	0.756	0.756
60	3.378	3.378
	3.478/2.928	3.478/2.928
	6.7	6.7
	Ventilated Disc	Ventilated Disc
	Solid Disc	Solid Disc
65	MacPherson Strut	MacPherson Strut
	Dual-link, Strut type	Dual-link, Strut type
	Standard/Standard	Standard/Standard
	Rack and Pinion	Rack and Pinion
	17.0	17.0
70	Electric Motor	Electric Motor