MAJOR TECHNICAL SPECIFICATIONS

Area			U.S.A.			
Vehicle Grade			N	M	SPORT	LIMITED
Model Code			GSU40L-BRANKA	GSU40L-BRAMKA	GSU40L-BRASKA	GSU40L-BRAGKA
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)	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)	1630 (64.2)	1630 (64.2)
Effective Head Room	Front	mm (in.)	1032 (40.6)	1032 (40.6)	1032 (40.6), 1008 (39.7)*4	1032 (40.6), 1008 (39.7)*4
	Rear	mm (in.)	1019 (40.1)	1019 (40.1)	1019 (40.1)	1019 (40.1)
Effective Leg Room	Front	mm (in.)	1096 (43.2)	1096 (43.2)	1096 (43.2)	1096 (43.2)
	Rear	mm (in.)	973 (38.3)	973 (38.3)	973 (38.3)	973 (38.3)
Shoulder Room	Front	mm (in.)	1517 (59.7)	1517 (59.7)	1517 (59.7)	1517 (59.7)
	Rear	mm (in.)	1512 (59.5)	1512 (59.5)	1512 (59.5)	1512 (59.5)
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	29/24	29/24	29/24	29/24
Curve Mass.	Front	kg (lb)	1050 (2315)	1050 (2315)	1060 (2337)	1065 (2348)
	Rear	kg (lb)	775 (1709)	790 (1742)	800 (1764)	805 (1775)
	Total	kg (lb)	1825 (4024)	1840 (4057)	1860 (4101)	1870 (4123)
Gross Vehicle Mass.	Front	kg (lb)	-	-	-	-
	Rear	kg (lb)	-	-	-	-
	Total	kg (lb)	2630 (5798)	2630 (5798)	2630 (5798)	2630 (5798)
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)	72.5 (19.2, 15.9)	72.5 (19.2, 15.9)	72.5 (19.2, 15.9)	72.5 (19.2, 15.9)
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 60 mph	sec.	7.6	7.6	7.6	7.6
	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)
Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	12.6 (41.3)	12.6 (41.3)	12.6 (41.3)	12.6 (41.3)
	Curb to Curb	m (ft.)	11.8 (38.7)	11.8 (38.7)	11.8 (38.7)	11.8 (38.7)
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
Octane Rating			87 or higher	87 or higher	87 or higher	87 or higher
Max. Output (SAE-NET)*5		kW@rpm (HP@rpm)	201@6200 (270@6200)	201@6200 (270@6200)	201@6200 (270@6200)	201@6200 (270@6200)
Max. Torque (SAE-NET)*5		N·m@rpm (lb·ft@rpm)	336@4700 (248@4700)	336@4700 (248@4700)	336@4700 (248@4700)	336@4700 (248@4700)
Engine Electrical						
Battery Capacity (5HR)		Voltage & Amp. hr.	12-55	12-55	12-55	12-55
Alternator Output		Watts	1200, 1560*6, 1800*6	1560, 1800*6	1560, 1800*6	1560, 1800*6
Starter Output		kW	1.7	1.7	1.7	1.7
Chassis						
Transaxle Type			U151E	U151E	U151E	U151E
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/–	3.478/–
Rear Differential Ring Gear Size		in.	-	-	-	-
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			EPS	EPS	EPS	EPS

*1: Unladen Vehicle *2: With Roof Rail *3: Without Roof Rail *4: Models with Sliding Roof
*5: Maximum output and torque ratings are determined using the revised SAE J1349 procedure. *6: Option

U.S.A.			
N	M	SPORT	LIMITED
GSU45L-BRANKA	GSU45L-BRAMKA	GSU45L-BRASKA	GSU45L-BRAGKA
4785 (188.4)	4785 (188.4)	4785 (188.4)	4785 (188.4)
1910 (75.2)	1910 (75.2)	1910 (75.2)	1910 (75.2)
1760 (69.3)*2, 1730 (68.1)*3	1760 (69.3)	1760 (69.3)	1760 (69.3)
2790 (109.8)	2790 (109.8)	2790 (109.8)	2790 (109.8)
1625 (64.0)	1625 (64.0)	1625 (64.0)	1625 (64.0)
1625 (64.0)	1625 (64.0)	1625 (64.0)	1625 (64.0)
1032 (40.6)	1032 (40.6)	1032 (40.6), 1008 (39.7)*4	1032 (40.6), 1008 (39.7)*4
1019 (40.1)	1019 (40.1)	1019 (40.1)	1019 (40.1)
1096 (43.2)	1096 (43.2)	1096 (43.2)	1096 (43.2)
973 (38.3)	973 (38.3)	973 (38.3)	973 (38.3)
1517 (59.7)	1517 (59.7)	1517 (59.7)	1517 (59.7)
1512 (59.5)	1512 (59.5)	1512 (59.5)	1512 (59.5)
930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
1065 (41.9)	1065 (41.9)	1065 (41.9)	1065 (41.9)
206 (8.1)	206 (8.1)	206 (8.1)	206 (8.1)
29/24	29/24	29/24	29/24
1085 (2392)	1090 (2403)	1095 (2414)	1100 (2425)
835 (1841)	850 (1874)	860 (1896)	865 (1907)
1920 (4233)	1940 (4277)	1955 (4310)	1965 (4332)
-	-	-	-
-	-	-	-
2720 (5997)	2720 (5997)	2720 (5997)	2720 (5997)
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)
72.5 (19.2, 15.9)	72.5 (19.2, 15.9)	72.5 (19.2, 15.9)	72.5 (19.2, 15.9)
180 (111)	180 (111)	180 (111)	180 (111)
180 (111)	180 (111)	180 (111)	180 (111)
7.8	7.8	7.8	7.8
-	-	-	-
59 (36)	59 (36)	59 (36)	59 (36)
105 (65)	105 (65)	105 (65)	105 (65)
163 (101)	163 (101)	163 (101)	163 (101)
180 (111)	180 (111)	180 (111)	180 (111)
180 (111)	180 (111)	180 (111)	180 (111)
12.6 (41.3)	12.6 (41.3)	12.6 (41.3)	12.6 (41.3)
11.8 (38.7)	11.8 (38.7)	11.8 (38.7)	11.8 (38.7)
2GR-FE	2GR-FE	2GR-FE	2GR-FE
6-cylinder, V Type	6-cylinder, V Type	6-cylinder, V Type	6-cylinder, V Type
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
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)
3456 (210.9)	3456 (210.9)	3456 (210.9)	3456 (210.9)
10.8 : 1	10.8 : 1	10.8 : 1	10.8 : 1
SFI	SFI	SFI	SFI
87 or higher	87 or higher	87 or higher	87 or higher
201@6200 (270@6200)	201@6200 (270@6200)	201@6200 (270@6200)	201@6200 (270@6200)
336@4700 (248@4700)	336@4700 (248@4700)	336@4700 (248@4700)	336@4700 (248@4700)
12-55	12-55	12-55	12-55
1200, 1560*6, 1800*6	1560, 1800*6	1560, 1800*6	1560, 1800*6
1.7	1.7	1.7	1.7
U151F	U151F	U151F	U151F
4.235	4.235	4.235	4.235
2.360	2.360	2.360	2.360
1.517	1.517	1.517	1.517
1.047	1.047	1.047	1.047
0.756	0.756	0.756	0.756
3.378	3.378	3.378	3.378
3.478/2.928	3.478/2.928	3.478/2.928	3.478/2.928
6.7	6.7	6.7	6.7
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Solid Disc	Solid Disc	Solid Disc	Solid Disc
MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
Dual-link, Strut type	Dual-link, Strut type	Dual-link, Strut type	Dual-link, Strut type
Standard/Standard	Standard/Standard	Standard/Standard	Standard/Standard
Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
17.0	17.0	17.0	17.0
EPS	EPS	EPS	EPS