

MAJOR TECHNICAL SPECIFICATIONS

Item			Area	Australia				
Body Type				4-Door Van (Standard)		4-Door Van (Long)		
Vehicle Grade				STD				
Model Code				RZH103R-RBMREQ	RZH103R-RBPREQ	RZH113R-RBMREQ	RZH113R-RBPREQ	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4640 (182.7), 4595 (180.9)*1	4640 (182.7), 4595 (180.9)*1	4900 (192.9), 4855 (191.1)*1	4900 (192.9), 4855 (191.1)*1	5
		Width	mm (in.)	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	
		Height	mm (in.)	1945 (76.6)	1945 (76.6)	1945 (76.6)	1945 (76.6)	
	Wheel Base		mm (in.)	2330 (91.7)	2330 (91.7)	2590 (102.0)	2590 (102.0)	
	Tread	Front	mm (in.)	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	
		Rear	mm (in.)	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	10
	Room	Length	mm (in.)	980 (38.6)	980 (38.6)	980 (38.6)	980 (38.6)	
		Width	mm (in.)	1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)	
		Height	mm (in.)	1345 (53.0)	1345 (53.0)	1345 (53.0)	1345 (53.0)	
	Cargo Space	Length	mm (in.)	2715 (106.9)	2715 (106.9)	2975 (117.1)	2975 (117.1)	
		Width	mm (in.)	1540 (60.6)	1540 (60.6)	1540 (60.6)	1540 (60.6)	15
		Height	mm (in.)	1345 (53.0)	1345 (53.0)	1345 (53.0)	1345 (53.0)	
	Overhang	Front	mm (in.)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	
		Rear	mm (in.)	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	
	Min. Running Ground Clearance		mm (in.)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	
	Angle of Approach		degrees	19°	19°	19°	19°	20
	Angle of Departure		degrees	18°	18°	18°	18°	
	Curb Weight	Front	kg (lb)	810 - 870 (1786 - 1918)	815 - 875 (1797 - 1929)	825 - 890 (1819 - 1962)	830 - 895 (1830 - 1973)	
		Rear	kg (lb)	655 - 685 (1444 - 1510)	660 - 690 (1455 - 1521)	670 - 700 (1477 - 1543)	675 - 705 (1488 - 1554)	
		Total	kg (lb)	1465 - 1555 (3230 - 3428)	1475 - 1565 (3252 - 3540)	1495 - 1590 (3296 - 3505)	1505 - 1600 (3318 - 3527)	
Gross Vehicle Weight	Front	kg (lb)	1165 - 1215 (2568 - 2679)	1170 - 1215 (2579 - 2679)	1215 - 1265 (2679 - 2789)	1220 - 1270 (2690 - 2800)	25	
	Rear	kg (lb)	1585 - 1635 (3494 - 3605)	1585 - 1630 (3494 - 3594)	1535 - 1585 (3384 - 3494)	1530 - 1580 (3373 - 3483)		
	Total	kg (lb)	2800 (6173)	2800 (6173)	2800 (6173)	2800 (6173)		
Fuel Tank Capacity		ℓ (Imp. gal.)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)		
Luggage Compartment Capacity		m³ (cu.ft.)	—	—	—	—		
Performance	Max. Speed		km/h (mph)	150 (93)	145 (90)	150 (93)	145 (90)	30
	Max. Cruising Speed		km/h (mph)	120 (74)	115 (71)	120 (74)	115 (71)	
	Max. Permissible Speed	1st Gear	km/h (mph)	33 (20)	51 (31)	33 (20)	51 (31)	
		2nd Gear	km/h (mph)	57 (35)	99 (61)	57 (35)	99 (61)	
		3rd Gear	km/h (mph)	99 (61)	—	99 (61)	—	
		4th Gear	km/h (mph)	—	—	—	—	35
Min. Turning Radius	Tire	m (ft.)	4.7 (15.4)	4.7 (15.4)	5.2 (17.1)	5.2 (17.1)		
	Body	m (ft.)	5.3 (17.4)	5.3 (17.4)	5.8 (19.0)	5.8 (19.0)		
Engine	Engine Type			2RZ-E	2RZ-E	2RZ-E	2RZ-E	
	Valve Mechanism			OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	
	Bore x Stroke		mm (in.)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	40
	Displacement		cm³ (cu.in.)	2438 (148.8)	2438 (148.8)	2438 (148.8)	2438 (148.8)	
	Compression Ratio			8.8 : 1	8.8 : 1	8.8 : 1	8.8 : 1	
	Carburetor Type or Injection Pump Type (Diesel)			EFI	EFI	EFI	EFI	
	Research Octane No. or Cetane No. (Diesel)			91 or more	91 or more	91 or more	91 or more	
	Max. Output (EEC)		kw / rpm	88 / 4800	88 / 4800	88 / 4800	88 / 4800	45
Max. Torque (EEC)		N·m / rpm	200 / 2600	200 / 2600	200 / 2600	200 / 2600		
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp. hr.	12 - 40	12 - 40	12 - 40	12 - 40		
	Alternator Output	Watts	840	840	840	840		
Starter Output		kW	1.0	1.0	1.0	1.0		
Chassis	Clutch Type			Dry, Single Plate, Diaphragm	—	Dry, Single Plate, Diaphragm	—	50
	Transmission Type			G55	A45DL	G55	A45DL	
	Transmission Gear Ratio	In First		4.452	2.826	4.452	2.826	
		In Second		2.619	1.493	2.619	1.493	
		In Third		1.517	1.000	1.517	1.000	
		In Fourth		1.000	0.730	1.000	0.730	55
		In Fifth		0.854	—	0.854	—	
		In Reverse		4.472	2.703	4.472	2.703	
	Transfer Gear Ratio H4/L4			—	—	—	—	
	Differential Gear Ratio (Front / Rear)			— / 4.300	— / 4.555	— / 4.300	— / 4.555	
	Differential Gear Size (Front / Rear)		in.	— / 8.07	— / 8.07	— / 8.07	— / 8.07	60
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	
		Rear		Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
	Parking Brake Type			Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
	Brake Booster Type and Size		in.	Tandem 8.5" + 8.5", Tandem 8" + 9"*4	Tandem 8.5" + 8.5", Tandem 8" + 9"*4	Tandem 8.5" + 8.5", Tandem 8" + 9"*4	Tandem 8.5" + 8.5", Tandem 8" + 9"*4	
	Proportioning Valve Type			LSP and BV	LSP and BV	LSP and BV	LSP and BV	65
	Suspension Type	Front		Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
Rear			Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid		
Stabilizer Bar	Front		STD	STD	STD	STD		
	Rear		—	—	—	—		
Steering Gear Type			Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	70	
Steering Gear Ratio (Overall)			25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5		
Power Steering Type			Integral Type	Integral Type	Integral Type	Integral Type		

*1: With Step Bumper *3: With P195 / 70R15 Tire *5: With Power Steering
*2: With Snorkel Cleaner Air Duct *4: With ABS

HIACE – MAJOR TECHNICAL SPECIFICATIONS

347

Australia						
4-Door Commuter		4-Door Van (Standard)	4-Door Van (Long)	4-Door Commuter		
STD						
RZH125R-ZRMREQ	RZH125R-ZRPREQ	LH162R-RBMRSQ	LH172R-RBMRSQ	LH184R-ZRMRSQ	LH184R-ZRPRSQ	
5200 (204.7)	5200 (204.7)	4640 (182.7), 4595 (180.9)*1	4900 (192.9), 4855 (191.1)*1	5200 (204.7)	5200 (204.7)	
1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5)	
2215 (87.2)	2225 (87.6)	1945 (76.6)	1945 (76.6)	2225 (87.6)	2225 (87.6)	
2890 (113.8)	2890 (113.8)	2330 (91.7)	2590 (102.0)	2890 (113.8)	2890 (113.8)	
1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	
1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	
4120 (162.2)	4120 (162.2)	980 (38.6)	980 (38.6)	4120 (162.2)	4120 (162.2)	
1540 (60.6)	1540 (60.6)	1540 (60.6)	1480 (58.3)	1540 (60.6)	1540 (60.6)	
1605 (63.2)	1605 (63.2)	1345 (53.0)	1345 (53.0)	1605 (63.2)	1605 (63.2)	
—	—	2715 (106.9)	2975 (117.1)	—	—	
—	—	1540 (60.6)	1540 (60.6)	—	—	
—	—	1345 (53.0)	1345 (53.0)	—	—	
1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	
1155 (45.5)	1155 (45.5)	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5)	1155 (45.5)	
180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	
19°	19°	19°	19°	19°	19°	
18°	18°	18°	18°	18°	18°	
900 - 985 (1984 - 2172)	905 - 990 (1995 - 2183)	865 - 930 (1907 - 2050)	880 - 945 (1940 - 2083)	995 - 1045 (2194 - 2304)	950 - 1050 (2094 - 2315)	
805 - 820 (1775 - 1808)	810 - 825 (1786 - 1819)	665 - 695 (1466 - 1532)	680 - 710 (1499 - 1565)	815 - 830 (1797 - 1830)	820 - 835 (1808 - 1841)	
1705 - 1805 (3759 - 3979)	1715 - 1815 (3781 - 4001)	1530 - 1625 (3373 - 3583)	1560 - 1655 (3439 - 3649)	1770 - 1875 (3902 - 4134)	1780 - 1885 (3924 - 4156)	
1175 - 1290 (2590 - 2844)	1185 - 1300 (2612 - 2866)	1210 - 1260 (2668 - 2778)	1260 - 1310 (2778 - 2888)	1235 - 1355 (2723 - 2987)	1245 - 1365 (2745 - 3009)	
1510 - 1625 (3329 - 3583)	1500 - 1615 (3560 - 3307)	1540 - 1590 (3395 - 3505)	1490 - 1540 (3285 - 3439)	1615 - 1495 (3560 - 3296)	1485 - 1605 (3274 - 3538)	
2800 (6173)	2800 (6173)	2800 (6173)	2800 (6173)	2800 (6173)	2850 (6283)	
70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	
—	—	—	—	—	—	
150 (93)	145 (90)	140 (87)	140 (87)	140 (87)	130 (81)	
120 (74)	115 (71)	—	—	—	—	
33 (20)	47 (29)	30 (19)	30 (19)	30 (19)	33 (20)	
57 (35)	86 (53)	51 (32)	51 (32)	51 (32)	63 (39)	
99 (61)	—	87 (54)	87 (54)	87 (54)	—	
—	—	—	—	—	—	
5.7 (18.7)	5.7 (18.7)	4.7 (15.4)	5.2 (17.1)	5.7 (18.7)	5.7 (18.7)	
6.3 (20.7)	6.3 (20.7)	5.3 (17.4)	5.8 (19.0)	6.3 (20.7)	6.3 (20.7)	
2RZ-E	2RZ-E	5L	5L	5L	5L	
OHC, Chain Drive	OHC, Chain Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	
95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	
2438 (148.8)	2438 (148.8)	2986 (117.6)	2986 (117.6)	2986 (117.6)	2986 (117.6)	
8.8 : 1	8.8 : 1	22.2 : 1	22.2 : 1	22.2 : 1	22.2 : 1	
EFI	EFI	Distributor Type	Distributor Type	Distributor Type	Distributor Type	
91 or more	91 or more	50 or more	50 or more	50 or more	50 or more	
88 / 4800	88 / 4800	66 / 4000	66 / 4000	66 / 4000	66 / 4000	
200 / 2600	200 / 2600	192 / 2400	192 / 2400	192 / 2400	192 / 2400	
12 - 40	12 - 40	12 - 64	12 - 64	12 - 64	12 - 64	
840	840	960	960	960	960	
1.0	1.0	2.2	2.2	2.2	2.7	
Dry, Single Plate, Diaphragm	—	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	—	
G55	A45DL	G55	G55	G55	A45DL	
4.452	2.826	4.452	4.452	4.452	2.826	
2.619	1.493	2.619	2.619	2.619	1.493	
1.517	1.000	1.517	1.517	1.517	1.000	
1.000	0.730	1.000	1.000	1.000	0.703	
0.854	—	0.854	0.854	0.854	—	
4.472	2.703	4.472	4.472	4.472	2.703	
—	—	—	—	—	—	
— / 4.300	— / 4.555	— / 4.100	— / 4.100	— / 4.100	— / 4.875	
— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	
Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
Tandem 8.5" + 8.5", Tandem 8" + 9"*64	Tandem 8.5" + 8.5", Tandem 8" + 9"*64	Single 10", Tandem 8" + 9"*64	Single 10", Tandem 8" + 9"*64	Single 10", Tandem 8" + 9"*64	Single 10", Tandem 8" + 9"*64	
LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	
Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	
STD	STD	STD	STD	STD	STD	
—	—	—	—	—	—	
Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	
25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	18.68	
Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	

Item				G.C.C. Countries								
Body Type				4-Door Van (Long)		5-Door Van (Long)		4-Door Commuter				
Vehicle Grade				STD								
Model Code				RZH113L-RBMRSV		RZH113L-SBMRSV		RZH113L-SRMRSV		RZH115L-BRMRSV		
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4900 (192.9), 4855 (191.1)* ¹		4900 (192.9), 4855 (191.1)* ¹		4900 (192.9), 4855 (191.1)* ¹		4900 (192.9)		5
		Width	mm (in.)	1690 (66.5), 1745 (68.7)* ²		1690 (66.5), 1745 (68.7)* ²		1690 (66.5), 1745 (68.7)* ²		1690 (66.5), 1745 (68.7)* ²		
		Height	mm (in.)	1945 (76.6)		1945 (76.6)		1945 (76.6)		1935 (76.2)		
	Wheel Base		mm (in.)	2590 (102.0)		2590 (102.0)		2590 (102.0)		2590 (102.0)		
	Tread	Front	mm (in.)	1450 (57.1), 1465 (57.7)* ³		1450 (57.1), 1465 (57.7)* ³		1450 (57.1), 1465 (57.7)* ³		1450 (57.1), 1465 (57.7)* ³		
		Rear	mm (in.)	1430 (56.3), 1445 (56.9)* ³		1430 (56.3), 1445 (56.9)* ³		1430 (56.3), 1445 (56.9)* ³		1430 (56.3), 1445 (56.9)* ³		10
	Room	Length	mm (in.)	980 (38.6)		980 (38.6)		1990 (78.3)		3865 (152.2)		
		Width	mm (in.)	1480 (58.3)		1480 (58.3)		1540 (60.6)		1540 (60.6)		
		Height	mm (in.)	1345 (53.0)		1345 (53.0)		1345 (53.0)		1335 (52.6)		
	Cargo Space	Length	mm (in.)	2975 (117.1)		297.5 (117.1)		1965 (77.4)		—		
		Width	mm (in.)	1540 (60.6)		1540 (60.6)		1540 (60.6)		—		15
		Height	mm (in.)	1345 (53.0)		1345 (53.0)		1345 (53.0)		—		
	Overhang	Front	mm (in.)	1155 (45.5)		1155 (45.5)		1155 (45.5)		1155 (45.5)		
		Rear	mm (in.)	1155 (45.5), 1110 (43.7)* ¹		1155 (45.5), 1110 (43.7)* ¹		1155 (45.5), 1110 (43.7)* ¹		1155 (45.5)		
	Min. Running Ground Clearance		mm (in.)	180 (7.1)		180 (7.1)		180 (7.1)		180 (7.1)		
	Angle of Approach		degrees	19°		19°		19°		19°		20
	Angle of Departure		degrees	18°		18°		18°		18°		
	Curb Weight	Front	kg (lb)	870 - 900 (1918 - 1984)		875 - 910 (1929 - 2006)		895 - 925 (1973 - 2039)		915 - 945 (2017 - 2083)		
		Rear	kg (lb)	660 - 685 (1455 - 1510)		670 - 700 (1477 - 1543)		705 - 720 (1554 - 1587)		765 - 780 (1687 - 1720)		
		Total	kg (lb)	1530 - 1585 (3373 - 3494)		1545 - 1610 (3496 - 3549)		1600 - 1645 (3527 - 3627)		1680 - 1725 (3704 - 3803)		
	Gross Vehicle Weight	Front	kg (lb)	1270 - 1290 (2800 - 2844)		1270 - 1295 (2800 - 2855)		1230 - 1260 (2712 - 2778)		1240 - 1285 (2734 - 2833)		25
		Rear	kg (lb)	1510 - 1530 (3329 - 3373)		1505 - 1530 (3318 - 3373)		1540 - 1570 (3395 - 3461)		1605 - 1650 (3538 - 3638)		
		Total	kg (lb)	2800 (6173)		2800 (6173)		2800 (6173)		2800 (6173)		
	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.)	—		—		—		—		
Performance	Max. Speed		km/h (mph)	150 (93)		150 (93)		150 (93)		150 (93)		30
	Max. Cruising Speed		km/h (mph)	120 (74)		120 (74)		120 (74)		120 (74)		
	Max. Permissible Speed	1st Gear	km/h (mph)	35 (22)		35 (22)		35 (22)		35 (22)		
		2nd Gear	km/h (mph)	60 (37)		60 (37)		60 (37)		60 (37)		
		3rd Gear	km/h (mph)	104 (64)		104 (64)		104 (64)		104 (64)		
		4th Gear	km/h (mph)	—		—		—		—		35
	Min. Turning Radius	Tire	m (ft.)	5.2 (17.1)		5.2 (17.1)		5.2 (17.1)		5.2 (17.1)		
		Body	m (ft.)	5.8 (19.0)		5.8 (19.0)		5.8 (19.0)		5.8 (19.0)		
Engine	Engine Type		2RZ		2RZ		2RZ		2RZ			
	Valve Mechanism		OHC, Chain Drive		OHC, Chain Drive		OHC, Chain Drive		OHC, Chain Drive			
	Bore x Stroke		mm (in.)	95 x 86 (3.74 x 3.39)		95 x 86 (3.74 x 3.39)		95 x 86 (3.74 x 3.39)		95 x 86 (3.74 x 3.39)		40
	Displacement		cm ³ (cu.in.)	2438 (148.8)		2438 (148.8)		2438 (148.8)		2438 (148.8)		
	Compression Ratio		8.8 : 1		8.8 : 1		8.8 : 1		8.8 : 1			
	Carburetor Type or Injection Pump Type (Diesel)		Down Draft, 2 barrel		Down Draft, 2 barrel		Down Draft, 2 barrel		Down Draft, 2 barrel			
	Research Octane No. or Cetane No. (Diesel)		91 or more		91 or more		91 or more		91 or more			
	Max. Output (EEC)		kw / rpm	91 / 5000 (SAE-GROSS)		91 / 5000 (SAE-GROSS)		91 / 5000 (SAE-GROSS)		91 / 5000 (SAE-GROSS)		45
Max. Torque (EEC)		N·m / rpm	200 / 2600 (SAE-GROSS)		200 / 2600 (SAE-GROSS)		200 / 2600 (SAE-GROSS)		200 / 2600 (SAE-GROSS)			
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 40, 12 - 48* ⁶		12 - 40, 12 - 48* ⁶		12 - 40, 12 - 48* ⁶		12 - 40, 12 - 48* ⁶		
	Alternator Output		Watts	840		840		840		840		
	Starter Output		kW	1.0		1.0		1.0		1.0		
Chassis	Clutch Type		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		50	
	Transmission Type		G55		G55		G55		G55			
	Transmission Gear Ratio	In First	4.452		4.452		4.452		4.452			
		In Second	2.619		2.619		2.619		2.619			
		In Third	1.517		1.517		1.517		1.517			
		In Fourth	1.000		1.000		1.000		1.000		55	
		In Fifth	0.854		0.854		0.854		0.854			
		In Reverse	4.472		4.472		4.472		4.472			
	Transfer Gear Ratio H4 / L4		—		—		—		—			
	Differential Gear Ratio (Front / Rear)		— / 4.300		— / 4.300		— / 4.300		— / 4.300			
	Differential Gear Size (Front / Rear)		in.	— / 8.07		— / 8.07		— / 8.07		— / 8.07		60
	Brake Type	Front	Ventilated Disc		Ventilated Disc		Ventilated Disc		Ventilated Disc			
		Rear	Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum			
	Parking Brake Type		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum			
	Brake Booster Type and Size		in.	Tandem 8.5" + 8.5", Tandem 8" + 9"* ⁴		Tandem 8.5" + 8.5", Tandem 8" + 9"* ⁴		Tandem 8.5" + 8.5", Tandem 8" + 9"* ⁴		Tandem 8.5" + 8.5", Tandem 8" + 9"* ⁴		
	Proportioning Valve Type		LSP and BV		LSP and BV		LSP and BV		LSP and BV		65	
	Suspension Type	Front	Double Wishbone		Double Wishbone		Double Wishbone		Double Wishbone			
		Rear	Leaf Spring, Rigid		Leaf Spring, Rigid		Leaf Spring, Rigid		Leaf Spring, Rigid			
	Stabilizer Bar	Front	STD		STD		STD		STD			
		Rear	—		—		—		—			
	Steering Gear Type		Rack and Pinion		Rack and Pinion		Rack and Pinion		Rack and Pinion		70	
	Steering Gear Ratio (Overall)		25.82, 18.68* ⁵		25.82, 18.68* ⁵		25.82, 18.68* ⁵		25.82, 18.68* ⁵			
	Power Steering Type		Integral Type		Integral Type		Integral Type		Integral Type			

*1: With Step Bumper

*3: With P195 / 70R15 Tire

*6: Option

*2: With Snorkel Cleaner Air Duct

*4: With ABS

HIACE – MAJOR TECHNICAL SPECIFICATIONS

349

G.C.C. Countries						
	4-Door Van (Long)	5-Door Van (Long)		4-Door Commuter	5-Door Van (Long)	4-Door Commuter
	STD					
	RZH113L-RBMREV	RZH113L-SBMREV	RZH113L-SRMREV	RZH115L-BRMREV	LH172L-SBMRSV	LH174L-BRMRSV
5	4900 (192.9), 4855 (191.1)*1	4900 (192.9), 4855 (191.1)*1	4900 (192.9), 4855 (191.1)*1	4900 (192.9)	4900 (192.9), 4855 (191.1)*1	4900 (192.9)
	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5)	1690 (66.5)
	1945 (76.6)	1945 (76.6)	1945 (76.6)	1935 (76.2)	1945 (76.6)	1935 (76.2)
	2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)
	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3
10	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3
	980 (38.6)	1990 (78.3)	1990 (78.3)	3865 (152.2)	980 (38.6)	3865 (152.2)
	1480 (58.3)	1540 (60.6)	1540 (60.6)	1540 (60.6)	1480 (58.3)	1540 (60.6)
	1345 (53.0)	1345 (53.0)	1345 (53.0)	1335 (52.6)	1345 (53.0)	1335 (52.6)
	2975 (117.1)	1965 (77.4)	1965 (77.4)	—	297.5 (117.7)	—
15	1540 (60.6)	1540 (60.6)	1540 (60.6)	—	1540 (60.6)	—
	1345 (53.0)	1345 (53.0)	1345 (53.0)	—	1345 (53.0)	—
	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)
	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5)	1155 (45.5), 1110 (43.7)*1	1155 (45.5)
	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)
20	19°	19°	19°	19°	19°	19°
	18°	18°	18°	18°	18°	18°
	875 - 905 (1929 - 1995)	880 - 915 (1940 - 2017)	900 - 930 (1984 - 2050)	920 - 950 (2028 - 2094)	930 - 965 (2050 - 2127)	990 - 1020 (2183 - 2249)
	660 - 685 (1455 - 1510)	670 - 700 (1477 - 1543)	705 - 720 (1554 - 1587)	765 - 780 (1687 - 1720)	690 - 720 (1521 - 1143)	785 - 800 (1731 - 1764)
	1535 - 1590 (3384 - 3505)	1550 - 1615 (3417 - 3560)	1605 - 1650 (3538 - 3638)	1685 - 1730 (3715 - 3814)	1620 - 1685 (3571 - 3714)	1775 - 1820 (3913 - 4012)
25	1275 - 1295 (2811 - 2855)	1275 - 1300 (2811 - 2866)	1235 - 1275 (2723 - 2811)	1245 - 1290 (2745 - 2844)	1315 - 1335 (2899 - 2943)	1315 - 1360 (2899 - 2998)
	1505 - 1525 (3318 - 3362)	1500 - 1525 (3307 - 3362)	1535 - 1565 (3384 - 3450)	1600 - 1645 (3527 - 3627)	1465 - 1485 (3230 - 3274)	1620 - 1665 (3571 - 3671)
	2800 (6173)	2800 (6173)	2800 (6173)	2890 (6371)	2800 (6173)	2890 (6371)
	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)
	—	—	—	—	—	—
30	150 (93)	150 (93)	150 (93)	150 (93)	140 (87)	140 (87)
	120 (74)	120 (74)	120 (74)	120 (74)	—	—
	35 (22)	35 (22)	35 (22)	35 (22)	30 (19)	30 (19)
	60 (37)	60 (37)	60 (37)	60 (37)	51 (32)	51 (32)
	104 (64)	104 (64)	104 (64)	104 (64)	87 (54)	87 (54)
35	—	—	—	—	—	—
	5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	5.2 (17.1)
	5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	5.8 (19.0)
	2RZ-E	2RZ-E	2RZ-E	2RZ-E	5L	5L
	OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Belt Drive	OHC, Belt Drive
40	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)
	2438 (148.8)	2438 (148.8)	2438 (148.8)	2438 (148.8)	2986 (117.6)	2986 (117.6)
	8.8 : 1	8.8 : 1	8.8 : 1	8.8 : 1	22.2 : 1	22.2 : 1
	EFI	EFI	EFI	EFI	Distributor Type	Distributor Type
	91 or more	91 or more	91 or more	91 or more	50 or more	50 or more
45	93 / 4800 (SAE-GROSS)	93 / 4800 (SAE-GROSS)	93 / 4800 (SAE-GROSS)	93 / 4800 (SAE-GROSS)	71 / 4000 (SAE-GROSS)	71 / 4000 (SAE-GROSS)
	202 / 2600 (SAE-GROSS)	202 / 2600 (SAE-GROSS)	202 / 2600 (SAE-GROSS)	202 / 2600 (SAE-GROSS)	197 / 2400 (SAE-GROSS)	197 / 2400 (SAE-GROSS)
	12 - 40, 12 - 48*6	12 - 40, 12 - 48*6	12 - 40, 12 - 48*6	12 - 40, 12 - 48*6	12 - 64, 12 - 55 x 2*6	12 - 64, 12 - 55 x 2*6
	840	840	840	840	960	960
	1.0	1.0	1.0	1.0	2.2	2.2
50	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm
	G55	G55	G55	G55	G55	G55
	4.452	4.452	4.452	4.452	4.452	4.452
	2.619	2.619	2.619	2.619	2.619	2.619
	1.517	1.517	1.517	1.517	1.517	1.517
55	1.000	1.000	1.000	1.000	1.000	1.000
	0.854	0.854	0.854	0.854	0.854	0.854
	4.472	4.472	4.472	4.472	4.472	4.472
	—	—	—	—	—	—
	— / 4.300	— / 4.300	— / 4.300	— / 4.300	— / 4.100	— / 4.100
60	— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum
	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum
	Tandem 8.5" + 8.5", Tandem 8" + 9"*4	Tandem 8.5" + 8.5", Tandem 8" + 9"*4	Tandem 8.5" + 8.5", Tandem 8" + 9"*4	Tandem 8.5" + 8.5", Tandem 8" + 9"*4	Single 10", Tandem 8" + 9"*4	Single 10", Tandem 8" + 9"*4
65	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV
	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid
	STD	STD	STD	STD	STD	STD
	—	—	—	—	—	—
70	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5
	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type

Item				Russia				
Body Type				4-Door Commuter				
Vehicle Grade				STD		GL	STD	
Model Code				RZH105L-BFMREX	RZH115L-BRMREX	RZH155L-BFMGEX	LH164L-BFMRSX	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4640 (182.7)	4900 (192.9)	4950 (194.9)	4640 (182.7)	5
		Width	mm (in.)	1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5)	
		Height	mm (in.)	1935 (76.2)	1935 (76.2)	1935 (76.2)	1935 (76.2)	
	Wheel Base		mm (in.)	2330 (91.7)	2590 (102.0)	2590 (102.0)	2300 (91.7)	
	Tread	Front	mm (in.)	1450 (57.1), 1465 (57.7)* ³	1450 (57.1), 1465 (57.7)* ³	1450 (57.1), 1465 (57.7)* ²	1450 (57.1), 1465 (57.7)* ³	10
		Rear	mm (in.)	1430 (56.3), 1445 (56.9)* ³	1430 (56.3), 1445 (56.9)* ³	1430 (56.3), 1445 (56.9)* ²	1430 (56.3), 1445 (56.9)* ³	
	Room	Length	mm (in.)	3485 (137.2)	3865 (152.2)	3865 (152.2)	3485 (137.2)	
		Width	mm (in.)	1540 (60.6)	1540 (60.6)	1540 (60.6)	1540 (60.6)	
		Height	mm (in.)	1335 (52.6)	1335 (52.6)	1335 (52.6)	1335 (52.6)	
	Cargo Space	Length	mm (in.)	—	—	—	—	
		Width	mm (in.)	—	—	—	—	15
		Height	mm (in.)	—	—	—	—	
	Overhang	Front	mm (in.)	1155 (45.5)	1155 (45.5)	1205 (47.4)	1155 (45.5)	
		Rear	mm (in.)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	
	Min. Running Ground Clearance		mm (in.)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	
	Angle of Approach		degrees	19°	19°	18°	19°	20
	Angle of Departure		degrees	18°	18°	18°	18°	
	Curb Weight	Front	kg (lb)	915 - 940 (2017 - 2072)	930 - 955 (2050 - 2105)	955 - 960 (2105 - 2116)	990 - 1015 (2183 - 2238)	
		Rear	kg (lb)	740 - 750 (1631 - 1653)	780 - 790 (1720 - 1742)	820 - 830 (1808 - 1830)	755 - 765 (1664 - 1687)	
		Total	kg (lb)	1655 - 1690 (3649 - 3726)	1710 - 1745 (3770 - 3847)	1775 - 1790 (3913 - 3946)	1745 - 1780 (3847 - 3924)	
Gross Vehicle Weight	Front	kg (lb)	1160 - 1195 (2557 - 3395)	1265 - 1300 (2789 - 2866)	1105 - 1195 (2436 - 2635)	1250 - 1285 (2756 - 2833)	25	
	Rear	kg (lb)	1505 - 1540 (2635 - 3318)	1590 - 1625 (3505 - 3583)	1460 - 1540 (3219 - 3395)	1465 - 1500 (3230 - 3307)		
	Total	kg (lb)	2700 (5952)	2890 (6371)	2650 (5842)	2750 (6063)		
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.)	—	—	—	—		
Performance	Max. Speed		km/h (mph)	150 (93)	150 (93)	150 (93)	135 (84)	30
	Max. Cruising Speed		km/h (mph)	120 (74)	120 (74)	120 (74)	—	
	Max. Permissible Speed	1st Gear	km/h (mph)	33 (20)	33 (20)	33 (20)	30 (19)	
		2nd Gear	km/h (mph)	57 (35)	57 (35)	57 (35)	51 (32)	
		3rd Gear	km/h (mph)	99 (61)	99 (61)	99 (61)	87 (54)	
		4th Gear	km/h (mph)	—	—	—	—	35
	Min. Turning Radius	Tire	m (ft.)	4.7 (15.4)	5.2 (17.1)	5.2 (17.1)	4.7 (15.4)	
Body		m (ft.)	5.3 (17.4)	5.8 (19.0)	5.8 (19.0)	5.3 (17.4)		
Engine	Engine Type			2RZ-E	2RZ-E	2RZ-E	5L	
	Valve Mechanism			OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Belt Drive	
	Bore x Stroke		mm (in.)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	99.5 x 96 (3.91 x 3.78)	40
	Displacement		cm ³ (cu.in.)	2438 (148.8)	2438 (148.8)	2438 (148.8)	2986 (117.6)	
	Compression Ratio			8.8 : 1	8.8 : 1	8.8 : 1	22.2 : 1	
	Carburetor Type or Injection Pump Type (Diesel)			EFI	EFI	EFI	Distributor Type	
	Research Octane No. or Cetane No. (Diesel)			91 or more	91 or more	91 or more	50 or more	
	Max. Output (EEC)		kw / rpm	88 / 4800	88 / 4800	88 / 4800	66 / 4000	45
Max. Torque (EEC)		N·m / rpm	198 / 2600	198 / 2600	198 / 2600	192 / 2400		
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 48	12 - 48	12 - 48	12 - 55 x 2	
	Alternator Output		Watts	840	840	840	960	
	Starter Output		kW	1.4	1.4	1.4	2.7	
Chassis	Clutch Type			Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	50
	Transmission Type			G55	G55	G55	G55	
	Transmission Gear Ratio	In First		4.452	4.452	4.452	4.452	
		In Second		2.619	2.619	2.619	2.619	
		In Third		1.517	1.517	1.517	1.517	55
		In Fourth		1.000	1.000	1.000	1.000	
		In Fifth		0.854	0.854	0.854	0.854	
		In Reverse		4.472	4.472	4.472	4.472	
	Transfer Gear Ratio H4 / L4			—	—	—	—	
	Differential Gear Ratio (Front / Rear)			— / 4.300	— / 4.300	— / 4.300	— / 4.300	
	Differential Gear Size (Front / Rear)		in.	— / 8.07	— / 8.07	— / 8.07	— / 8.07	60
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	
		Rear		Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
	Parking Brake Type			Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
	Brake Booster Type and Size		in.	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	
	Proportioning Valve Type			LSP and BV	LSP and BV	LSP and BV	LSP and BV	65
	Suspension Type	Front		Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
		Rear		Leaf Spring, Rigid	Leaf Spring, Rigid	4-Link, Rigid	Leaf Spring, Rigid	
	Stabilizer Bar	Front		STD	STD	STD	STD	
		Rear		—	—	STD	—	
Steering Gear Type			Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	70	
Steering Gear Ratio (Overall)			25.82, 18.68* ⁵	25.82, 18.68* ⁵	18.65	25.82, 18.68* ⁵		
Power Steering Type			Integral Type	Integral Type	Integral Type	Integral Type		

*1: With Step Bumper

*2: With Snorkel Cleaner Air Duct

*3: With P195 / 70R15 Tire

*5: With Power Steering

*6: Option

*7: Set Option with Cold Area Spec.

*9: With Nigeria, Algeria and G.C.C. Countries

HIACE – MAJOR TECHNICAL SPECIFICATIONS

351

	Russia			General Countries		
	4-Door Commuter			4-Door Van (Standard)	4-Door Commuter	4-Door Van (Long)
	STD			GL	STD	
	LH174L-BRMRSX	LH166L-BFMRSX	LH176L-BRMRSX	RZH102L-RGMGS	RZH104L-BFMRS	RZH112R-RBMRS
5	4900 (192.9)	4640 (182.7)	4900 (192.9)	4690 (184.6)	4640 (182.7)	4900 (192.9), 4855 (191.1)*1
	1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)	1690 (66.5), 1745 (68.7)*2
	1935 (76.2)	1975 (77.8)	1975 (77.8)	1945 (76.6)	1935 (76.2)	1945 (76.6)
	2590 (102.0)	2300 (91.7)	2590 (102.0)	2590 (102.0)	2330 (91.3)	2590 (102.0)
	1450 (57.1), 1465 (57.7)*2	1445 (56.9)	1445 (56.9)	1450 (57.1), 1465 (57.7)*2	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*2
10	1430 (56.3), 1445 (56.9)*2	1440 (56.7)	1440 (56.7)	1430 (56.3), 1445 (56.9)*2	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*2
	3865 (152.2)	3485 (137.2)	3865 (152.2)	3130 (123.2)	3485 (137.2)	980 (38.6)
	1540 (60.6)	1540 (60.6)	1540 (60.6)	1520 (59.8)	1540 (60.6)	1480 (58.3)
	1335 (52.6)	1335 (52.6)	1335 (52.6)	1310 (51.6)	1335 (52.6)	1345 (53.0)
	—	—	—	565 (22.2)	—	2975 (117.1)
15	—	—	—	1540 (60.6)	—	1540 (60.6)
	—	—	—	1310 (51.6)	—	1345 (53.0)
	1155 (45.5)	1155 (45.5)	1155 (45.5)	1205 (47.4)	1155 (45.5)	1155 (45.5)
	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5), 1110 (43.7)*1
	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)
20	19°	23°	23°	18°	19°	19°
	18°	20°	20°	18°	18°	18°
	1005 - 1030 (2216 - 2271)	1075 - 1100 (2370 - 2425)	1090 - 1115 (2403 - 2458)	955 - 960 (2105 - 2116)	905 - 940 (1995 - 2072)	870 - 905 (1918 - 1995)
	765 - 775 (1687 - 1709)	795 - 805 (1753 - 1775)	805 - 815 (1775 - 1797)	755 - 765 (1664 - 1687)	735 - 750 (1620 - 1653)	665 - 690 (1466 - 1521)
	1770 - 1805 (3902 - 3979)	1870 - 1905 (4123 - 4200)	1895 - 1930 (4178 - 4255)	1710 - 1725 (3770 - 3803)	1640 - 1690 (3616 - 3726)	1535 - 1595 (3384 - 3516)
25	1330 - 1370 (2932 - 3020)	1325 - 1360 (2921 - 2998)	1410 - 1445 (3109 - 3186)	1150 - 1220 (2535 - 2690)	1145 - 1195 (3524 - 2635)	1235 - 1260 (2723 - 2778)
	1600 - 1640 (3527 - 3616)	1540 - 1575 (3395 - 3472)	1675 - 1710 (3693 - 3770)	1280 - 1350 (2822 - 2976)	1505 - 1555 (3318 - 3428)	1340 - 1365 (2954 - 3009)
	2970 (6548)	2900 (6393)	3120 (6878)	2500 (5512)	2700 (5952)	2600 (5732)
	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)
	—	—	—	—	—	—
30	135 (84)	135 (84)	135 (84)	145 (90)	145 (90)	145 (90)
	—	—	—	115 (71)	115 (71)	115 (71)
	30 (19)	30 (19)	30 (19)	34 (21)	34 (21)	32 (20)
	51 (32)	51 (32)	51 (32)	58 (36)	58 (36)	54 (33)
	87 (54)	87 (54)	87 (54)	101 (62)	101 (62)	93 (58)
35	—	—	—	—	—	—
	5.2 (17.1)	5.6 (18.4)	6.1 (20.0)	4.7 (15.4)	4.7 (15.4)	5.2 (17.1)
	5.8 (19.0)	6.2 (20.3)	6.7 (22.0)	5.3 (17.4)	5.3 (17.4)	5.8 (19.0)
	5L	5L	5L	1RZ	1RZ	1RZ
	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive
40	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	86 x 86 (3.39 x 3.39)	86 x 86 (3.39 x 3.39)	86 x 86 (3.39 x 3.39)
	2986 (117.6)	2986 (117.6)	2986 (117.6)	1998 (121.9)	1998 (121.9)	1998 (121.9)
	22.2 : 1	22.2 : 1	22.2 : 1	9.0 : 1	9.0 : 1	9.0 : 1
	Distributor Type	Distributor Type	Distributor Type	Down Draft, 2 barrel	Down Draft, 2 barrel	Down Draft, 2 barrel
	50 or more	50 or more	50 or more	91 or more	91 or more	91 or more
45	66 / 4000	66 / 4000	66 / 4000	74 / 5400	74 / 5400	74 / 5400
	192 / 2400	192 / 2400	192 / 2400	165 / 2600	165 / 2600	165 / 2600
	12 - 55 x 2	12 - 55 x 2	12 - 55 x 2	12 - 40	12 - 40, 12 - 48*6, *7	12 - 40
	960	960	960	840	840	840
	2.7	2.7	2.7	1.0	1.0, 1.4*7	1.0
50	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm
	G55	G52	G52	G55	G55	G55
	4.452	3.928	3.928	4.452	4.452	4.452
	2.619	2.333	2.333	2.619	2.619	2.619
	1.517	1.451	1.451	1.517	1.517	1.517
55	1.000	1.000	1.000	1.000	1.000	1.000
	0.854	0.851	0.851	0.854	0.854	0.854
	4.472	4.743	4.743	4.472	4.472	4.472
	—	1.000 / —	1.000 / —	—	—	—
	— / 4.300	4.875 / 4.875	4.875 / 4.875	— / 4.555	— / 4.555, 4.300*9	— / 4.555
60	— / 8.07	7.48 / 8.07	7.48 / 8.07	— / 8.07	— / 8.07	— / 8.07
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum
	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum
	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"
65	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV
	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid
	STD	STD	STD	STD	STD	STD
	—	—	—	—	—	—
70	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	25.82, 18.65*5	21.04	21.04	18.68	25.82, 18.68*5	25.82, 18.68*5
	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type

Item				Area		General Countries						
Body Type				4-Door Van (Long)		5-Door Van (Long)		4-Door Commuter				
Vehicle Grade				STD								
Model Code				RZH112L-RBMRS		RZH112L-SRMRS		RZH114L-ZRMRS		RZH114R-BRMRS		
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4900 (192.9), 4855 (191.1)* ¹		4900 (192.9), 4855 (191.1)* ¹		4900 (192.9)		4900 (192.9)		5
		Width	mm (in.)	1690 (66.5), 1745 (68.7)* ²		1690 (66.5), 1745 (68.7)* ²		1690 (66.5), 1745 (68.7)* ²		1690 (66.5), 1745 (68.7)* ²		
		Height	mm (in.)	1945 (76.6)		1945 (76.6)		2225 (87.6)		1935 (76.2)		
	Wheel Base		mm (in.)	2590 (102.0)		2590 (102.0)		2590 (102.0)		2590 (102.0)		
	Tread	Front	mm (in.)	1450 (57.1), 1465 (57.7)* ²		1450 (57.1), 1465 (57.7)* ³		1450 (57.1), 1465 (57.7)* ³		1450 (57.1), 1465 (57.7)* ³		10
		Rear	mm (in.)	1430 (56.3), 1445 (56.9)* ²		1430 (56.3), 1445 (56.9)* ³		1430 (56.3), 1445 (56.9)* ³		1430 (56.3), 1445 (56.9)* ³		
	Room	Length	mm (in.)	980 (38.6)		1990 (78.3)		3865 (152.2)		3865 (152.2)		
		Width	mm (in.)	1480 (58.3)		1540 (60.6)		1540 (60.6)		1540 (60.6)		
		Height	mm (in.)	1345 (53.0)		1345 (53.0)		1605 (63.2)		1335 (52.6)		
	Cargo Space	Length	mm (in.)	2975 (117.1)		1965 (77.4)		—		—		15
		Width	mm (in.)	1540 (60.6)		1540 (60.6)		—		—		
		Height	mm (in.)	1345 (53.0)		1345 (53.0)		—		—		
	Overhang	Front	mm (in.)	1155 (45.5)		1155 (45.5)		1155 (45.5)		1155 (45.5)		
		Rear	mm (in.)	1155 (45.5), 1110 (43.7)* ¹		1155 (45.5), 1110 (43.7)* ¹		1155 (45.5)		1155 (45.5)		
	Min. Running Ground Clearance		mm (in.)	180 (7.1)		180 (7.1)		180 (7.1)		180 (7.1)		
	Angle of Approach		degrees	19°		19°		19°		19°		20
	Angle of Departure		degrees	18°		18°		18°		18°		
	Curb Weight	Front	kg (lb)	875 - 910 (1929 - 2006)		890 - 920 (1964 - 2028)		920 - 955 (2028 - 2105)		915 - 945 (2017 - 2083)		
		Rear	kg (lb)	665 - 690 (1466 - 1521)		715 - 735 (1576 - 1620)		795 - 810 (1753 - 1786)		775 - 790 (1709 - 1742)		
		Total	kg (lb)	1540 - 1600 (3395 - 3527)		1605 - 1655 (3538 - 3649)		1715 - 1765 (3781 - 3891)		1690 - 1735 (3726 - 3825)		
	Gross Vehicle Weight	Front	kg (lb)	1235 - 1260 (2723 - 2778)		1210 - 1250 (2668 - 2756)		1255 - 1310 (2767 - 2888)		1245 - 1290 (2745 - 2844)		25
		Rear	kg (lb)	1340 - 1365 (2954 - 3009)		1350 - 1390 (2976 - 3064)		1580 - 1635 (3483 - 3605)		1600 - 1645 (3527 - 3627)		
		Total	kg (lb)	2600 (5732)		2600 (5732)		2890 (6371)		2890 (6371)		
	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.)	—		—		—		—		
Performance	Max. Speed		km/h (mph)	145 (90)		145 (90)		145 (90)		145 (90)		30
	Max. Cruising Speed		km/h (mph)	115 (71)		115 (71)		115 (71)		115 (71)		
	Max. Permissible Speed	1st Gear	km/h (mph)	32 (20)		32 (20)		32 (20)		32 (20)		
		2nd Gear	km/h (mph)	54 (33)		54 (33)		54 (33)		54 (33)		
		3rd Gear	km/h (mph)	93 (58)		93 (58)		93 (58)		93 (58)		
		4th Gear	km/h (mph)	—		—		—		—		35
	Min. Turning Radius	Tire	m (ft.)	5.2 (17.1)		5.2 (17.1)		5.2 (17.1)		5.2 (17.1)		
		Body	m (ft.)	5.8 (19.0)		5.8 (19.0)		5.8 (19.0)		5.8 (19.0)		
Engine	Engine Type		1RZ		1RZ		1RZ		1RZ			
	Valve Mechanism		OHC, Chain Drive		OHC, Chain Drive		OHC, Chain Drive		OHC, Chain Drive			
	Bore x Stroke		mm (in.)	86 x 86 (3.39 x 3.39)		86 x 86 (3.39 x 3.39)		86 x 86 (3.39 x 3.39)		86 x 86 (3.39 x 3.39)		40
	Displacement		cm ³ (cu.in.)	1998 (121.9)		1998 (121.9)		1998 (121.9)		1998 (121.9)		
	Compression Ratio		9.0 : 1		9.0 : 1		9.0 : 1		9.0 : 1			
	Carburetor Type or Injection Pump Type (Diesel)		Down Draft, 2 barrel		Down Draft, 2 barrel		Down Draft, 2 barrel		Down Draft, 2 barrel			
	Research Octane No. or Cetane No. (Diesel)		91 or more		91 or more		91 or more		91 or more			
	Max. Output (EEC)	kw / rpm		74 / 5400		74 / 5400		74 / 5400		74 / 5400		45
Max. Torque (EEC)		N·m / rpm	165 / 2600		165 / 2600		165 / 2600		165 / 2600			
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 40, 12 - 48* ⁶ , * ⁷		12 - 40, 12 - 48* ⁶		12 - 40, 12 - 48* ⁶ , * ⁷		12 - 40		
	Alternator Output		Watts	840		840		840		840		
	Starter Output		kW	1.0, 1.4* ⁷		1.0, 1.4* ⁷		1.0, 1.4* ⁷		1.0		
Chassis	Clutch Type		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		50	
	Transmission Type		G55		G55		G55		G55			
	Transmission Gear Ratio	In First	4.452		4.452		4.452		4.452			
		In Second	2.619		2.619		2.619		2.619			
		In Third	1.517		1.517		1.517		1.517			
		In Fourth	1.000		1.000		1.000		1.000		55	
		In Fifth	0.854		0.854		0.854		0.854			
		In Reverse	4.472		4.472		4.472		4.472			
	Transfer Gear Ratio H4 / L4		—		—		—		—			
	Differential Gear Ratio (Front / Rear)		— / 4.555, — / 4.300* ⁶ , * ⁹		— / 4.555, — / 4.300* ⁶ , * ⁹		— / 4.555, 4.300* ⁶ , * ⁹		— / 4.555			
	Differential Gear Size (Front / Rear)		in.	— / 8.07		— / 8.07		— / 8.07		— / 8.07		60
	Brake Type	Front	Ventilated Disc		Ventilated Disc		Ventilated Disc		Ventilated Disc			
		Rear	Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum			
	Parking Brake Type		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum			
	Brake Booster Type and Size		in.	Tandem 8.5" + 8.5"		Tandem 8.5" + 8.5"		Tandem 8.5" + 8.5"		Tandem 8.5" + 8.5"		
	Proportioning Valve Type		LSP and BV		LSP and BV		LSP and BV		LSP and BV		65	
	Suspension Type	Front	Double Wishbone		Double Wishbone		Double Wishbone		Double Wishbone			
		Rear	Leaf Spring, Rigid		Leaf Spring, Rigid		Leaf Spring, Rigid		Leaf Spring, Rigid			
	Stabilizer Bar	Front	STD		STD		STD		STD			
		Rear	—		—		—		—			
	Steering Gear Type		Rack and Pinion		Rack and Pinion		Rack and Pinion		Rack and Pinion		70	
	Steering Gear Ratio (Overall)		25.82, 18.68* ⁵		25.82, 18.68* ⁵		25.82, 18.68* ⁵		25.82, 18.68* ⁵			
	Power Steering Type		Integral Type		Integral Type		Integral Type		Integral Type			

*1: With Step Bumper

*2: With Snorkel Cleaner Air Duct

*3: With P195 / 70R15 Tire

*4: With ABS

*5: With Power Steering

*6: Option

*7: Set Option with Cold Area Spec.

*8: With New Zealand

*9: With Nigeria, Algeria and G.C.C. Countries

HIACE – MAJOR TECHNICAL SPECIFICATIONS

353

General Countries						
4-Door Commuter		5-Door Van (Standard)		4-Door Commuter		4-Door Van (Long)
STD			GL			
RZH114L-BRMRS	RZH103R-SBMRE	RZH103R-SRMRE	RZH105R-BFMRE	RZH105L-BFMNE	RZH153R-RBMNE	
4900 (192.9)	4640 (182.7), 4595 (180.9)*1	4640 (182.7), 4595 (180.9)*1	4640 (182.7)	4690 (184.6)	4950 (194.9)	
1690 (66.5), 1745 (68.7)*2	1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5)	
1935 (76.2)	1945 (76.6)	1945 (76.6)	1935 (76.2)	1935 (76.2)	1985 (78.1)	
2590 (102.0)	2330 (91.7)	2330 (91.7)	2330 (91.3)	2330 (91.7)	2590 (102.0)	
1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	
1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	
3865 (152.2)	980 (38.6)	1990 (78.3)	3485 (137.2)	3485 (137.2)	980 (38.6)	
1540 (60.6)	1480 (58.3)	1540 (60.6)	1540 (60.6)	1540 (60.6)	1480 (58.3)	
1335 (52.6)	1345 (53.0)	1345 (53.0)	1335 (52.6)	1335 (52.6)	1345 (53.0)	
—	2715 (106.9)	1705 (67.1)	—	—	2975 (117.1)	
—	1540 (60.6)	1540 (60.6)	—	—	1540 (60.6)	
—	1345 (53.0)	1345 (53.0)	—	—	1345 (53.0)	
1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1205 (47.4)	1205 (47.4)	
1155 (45.5)	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5)	1155 (45.5)	1155 (45.5)	
180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	
19°	19°	19°	19°	19°	18°	
18°	18°	18°	18°	18°	18°	
920 - 955 (2028 - 2105)	815 - 835 (1797 - 1841)	875 - 905 (1929 - 1995)	895 - 920 (1973 - 2028)	940 - 965 (2072 - 2127)	970 - 975 (2138 - 2150)	
775 - 790 (1709 - 1742)	645 - 660 (1422 - 1455)	695 - 715 (1532 - 1576)	720 - 735 (1587 - 1620)	735 - 745 (1620 - 1642)	830 - 835 (1830 - 1841)	
1695 - 1745 (3737 - 3847)	1460 - 1495 (3219 - 3296)	1570 - 1620 (3461 - 3571)	1615 - 1655 (3560 - 3649)	1675 - 1710 (3693 - 3770)	1800 - 1810 (3968 - 3990)	
1250 - 1300 (2756 - 2866)	1195 - 1210 (2635 - 2668)	1155 - 1200 (2546 - 2646)	—	1165 - 1200 (2568 - 2646)	—	
1590 - 1640 (3505 - 3616)	1650 - 1665 (3638 - 3671)	1300 - 1345 (2866 - 2965)	—	1500 - 1535 (3307 - 3384)	—	
2890 (6371)	2860 (6305)	2500 (5512)	3030 (6680)	2970 (6548)	2750 (6063)	
70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	
—	—	—	—	—	—	
145 (90)	150 (93)	150 (93)	150 (93)	150 (93)	150 (93)	
115 (71)	120 (74)	120 (74)	120 (74)	120 (74)	120 (74)	
32 (20)	33 (20)	33 (20)	33 (20)	33 (20)	35 (22)	
54 (33)	57 (35)	57 (35)	57 (35)	57 (35)	60 (37)	
93 (58)	99 (61)	99 (61)	90 (61)	90 (61)	104 (604)	
—	—	—	—	—	—	
5.2 (17.1)	4.7 (15.4)	4.7 (15.4)	4.7 (15.4)	4.7 (15.4)	5.2 (17.1)	
5.8 (19.0)	5.3 (17.4)	5.3 (17.4)	5.3 (17.4)	5.3 (17.4)	5.8 (19.0)	
1RZ	2RZ-E	2RZ-E	2RZ-E	2RZ-E	2RZ-E	
OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	
86 x 86 (3.39 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	
1998 (121.9)	2438 (148.8)	2438 (148.8)	2438 (148.8)	2438 (148.8)	2438 (148.8)	
9.0 : 1	8.8 : 1	8.8 : 1	8.8 : 1	8.8 : 1	8.8 : 1	
Down Draft, 2 barrel	EFI	EFI	EFI	EFI	EFI	
91 or more	91 or more	91 or more	91 or more	91 or more	91 or more	
74 / 5400	88 / 4800	88 / 4800	88 / 4800	88 / 4800	88 / 4800	
165 / 2600	198 / 2600	198 / 2600, 200 / 2600*8	198 / 2600	198 / 2600	198 / 2600	
12 - 40, 12 - 48*6, *7	12 - 40	12 - 40	12 - 40	12 - 40, 12 - 48*6, *7	12 - 40	
840	840	840	840	840	840	
1.0, 1.4*7	1.0	1.0	1.0	1.0, 1.4*7	1.0	
Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	
G55	G55	G55	G55	G55	G55	
4.452	4.452	4.452	4.452	4.452	4.452	
2.619	2.619	2.619	2.619	2.619	2.619	
1.517	1.517	1.517	1.517	1.517	1.517	
1.000	1.000	1.000	1.000	1.000	1.000	
0.854	0.854	0.854	0.854	0.854	0.854	
4.472	4.472	4.472	4.472	4.472	4.472	
—	—	—	—	—	—	
— / 4.555, 4.300*9	— / 4.100	— / 4.100	— / 4.100	— / 4.100	— / 4.100	
— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	
Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Single 10"	Tandem 8" + 9"	
LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	
Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	4-Link, Rigid	
STD	STD	STD	STD	STD	STD	
—	—	—	—	—	STD	
Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	
25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	18.68	
Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	

Item				Area				General Countries						
Body Type				4-Door Van (Long)										
Vehicle Grade				STD				DX						
Model Code				RZH113R-RBMRE		RZH113L-RBMRE		RZH113R-RRMRE		RZH113R-RHMDE				
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4900 (192.9), 4855 (191.1)* ¹		4900 (192.9), 4855 (191.1)* ¹		4900 (192.9), 4855 (191.1)* ¹		4900 (192.9), 4855 (191.1)* ¹		5		
		Width	mm (in.)	1690 (66.5)		1690 (66.5)		1690 (66.5)		1690 (66.5)				
		Height	mm (in.)	1945 (76.6)		1945 (76.6)		1945 (76.6)		1945 (76.6)				
	Wheel Base		mm (in.)	2590 (102.0)		2590 (102.0)		2590 (102.0)		2590 (102.0)				
	Tread	Front	mm (in.)	1450 (57.1), 1465 (57.7)* ²		1450 (57.1), 1465 (57.7)* ²		1450 (57.1), 1465 (57.7)* ²		1450 (57.1), 1465 (57.7)* ³				
		Rear	mm (in.)	1430 (56.3), 1445 (56.9)* ²		1430 (56.3), 1445 (56.9)* ²		1430 (56.3), 1445 (56.9)* ²		1430 (56.3), 1445 (56.9)* ³		10		
	Room	Length	mm (in.)	980 (38.6)		980 (38.6)		1990 (78.3)		2470 (97.2)				
		Width	mm (in.)	1480 (58.3)		1480 (58.3)		1540 (60.6)		1540 (60.6)				
		Height	mm (in.)	1345 (53.0)		1345 (53.0)		1345 (53.0)		1345 (53.0)				
	Cargo Space	Length	mm (in.)	2975 (117.1)		2975 (117.1)		1965 (77.4)		1485 (58.5)				
		Width	mm (in.)	1540 (60.6)		1540 (60.6)		1540 (60.6)		1540 (60.6)		15		
		Height	mm (in.)	1345 (53.0)		1345 (53.0)		1345 (53.0)		1345 (53.0)				
	Overhang	Front	mm (in.)	1155 (45.5)		1155 (45.5)		1155 (45.5)		1155 (45.5)				
		Rear	mm (in.)	1155 (45.5), 1110 (43.7)* ¹		1155 (45.5), 1110 (43.7)* ¹		1155 (45.5), 1110 (43.7)* ¹		1155 (45.5), 1110 (43.7)* ¹				
	Min. Running Ground Clearance		mm (in.)	180 (7.1)		180 (7.1)		180 (7.1)		180 (7.1)				
	Angle of Approach		degrees	19°		19°		19°		19°		20		
	Angle of Departure		degrees	18°		18°		18°		18°				
	Curb Weight	Front	kg (lb)	870 - 905 (1918 - 1995)		880 - 915 (1940 - 2017)		845 - 905 (1863 - 1995)		835 - 930 (1841 - 2050)				
		Rear	kg (lb)	665 - 690 (1466 - 1521)		665 - 690 (1466 - 1521)		690 - 705 (1521 - 1554)		765 - 785 (1687 - 1731)				
		Total	kg (lb)	1535 - 1595 (3384 - 3516)		1545 - 1605 (3406 - 3538)		1535 - 1610 (3384 - 3549)		1600 - 1715 (3527 - 3781)				
	Gross Vehicle Weight	Front	kg (lb)	1235 - 1260 (2723 - 2778)		1275 - 1300 (2811 - 2866)		1180 - 1250 (2601 - 2767)		955 - 1220 (2105 - 2690)		25		
		Rear	kg (lb)	1340 - 1365 (2954 - 3009)		1500 - 1525 (3307 - 3362)		1545 - 1620 (3406 - 3571)		1330 - 1595 (2932 - 3516)				
		Total	kg (lb)	2600 (5732)		2800 (6173)		2800 (6173)		2550 (5622)				
	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.)	—		—		—		—				
Performance	Max. Speed		km/h (mph)	150 (93)		150 (93)		150 (93)		150 (93)		30		
	Max. Cruising Speed		km/h (mph)	120 (74)		120 (74)		120 (74)		120 (74)				
	Max. Permissible Speed	1st Gear	km/h (mph)	35 (22)		35 (22)		35 (22)		35 (22)				
		2nd Gear	km/h (mph)	60 (37)		60 (37)		60 (37)		60 (37)				
		3rd Gear	km/h (mph)	104 (64)		104 (64)		104 (64)		104 (64)				
		4th Gear	km/h (mph)	—		—		—		—		35		
	Min. Turning Radius	Tire	m (ft.)	5.2 (17.1)		5.2 (17.1)		5.2 (17.1)		5.2 (17.1)				
		Body	m (ft.)	5.8 (19.0)		5.8 (19.0)		5.8 (19.0)		5.8 (19.0)				
Engine	Engine Type		2RZ-E		2RZ-E		2RZ-E		2RZ-E					
	Valve Mechanism		OHC, Chain Drive		OHC, Chain Drive		OHC, Chain Drive		OHC, Chain Drive					
	Bore x Stroke		mm (in.)	95 x 86 (3.74 x 3.39)		95 x 86 (3.74 x 3.39)		95 x 86 (3.74 x 3.39)		95 x 86 (3.74 x 3.39)		40		
	Displacement		cm ³ (cu.in.)	2438 (148.8)		2438 (148.8)		2438 (148.8)		2438 (148.8)				
	Compression Ratio		8.8 : 1		8.8 : 1		8.8 : 1		8.8 : 1					
	Carburetor Type or Injection Pump Type (Diesel)		EFI		EFI		EFI		EFI					
	Research Octane No. or Cetane No. (Diesel)		91 or more		91 or more		91 or more		91 or more					
	Max. Output (EEC)		kw / rpm	88 / 4800		88 / 4800		88 / 4800		88 / 4800		45		
Engine Electrical	Max. Torque (EEC)		N·m / rpm	198 / 2600		198 / 2600		198 / 2600, 200 / 2600* ⁸		198 / 2600				
	Battery Capacity (5HR)	Voltage & Amp. hr.	12 - 40		12 - 40, 12 - 48* ⁶ , * ⁷		12 - 40		12 - 40, 12 - 48* ⁶					
	Alternator Output	Watts	840		840		840		840					
Starter Output		kW	1.0		1.0, 1.4* ⁷		1.0		1.0					
Chassis	Clutch Type		Dry, Single Plate, Diaphragm				Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		50	
	Transmission Type		G55				G55		G55		G55			
	Transmission Gear Ratio	In First	4.452				4.452		4.452		4.452			
		In Second	2.619				2.619		2.619		2.619			
		In Third	1.517				1.517		1.517		1.517			
		In Fourth	1.000				1.000		1.000		1.000		55	
		In Fifth	0.854				0.854		0.854		0.854			
		In Reverse	4.472				4.472		4.472		4.472			
	Transfer Gear Ratio H4 / L4		—				—		—		—			
	Differential Gear Ratio (Front / Rear)		— / 4.100				— / 4.300		— / 4.100		— / 4.100			
	Differential Gear Size (Front / Rear)		in.	— / 8.07				— / 8.07		— / 8.07		— / 8.07		60
	Brake Type	Front	Ventilated Disc				Ventilated Disc		Ventilated Disc		Ventilated Disc			
		Rear	Leading-Trailing Drum				Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum			
	Parking Brake Type		Leading-Trailing Drum				Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum			
	Brake Booster Type and Size		in.	Tandem 8.5" + 8.5"				Tandem 8.5" + 8.5"		Tandem 8.5" + 8.5"		Tandem 8.5" + 8.5"		
	Proportioning Valve Type		LSP and BV				LSP and BV		LSP and BV		LSP and BV		65	
	Suspension Type	Front	Double Wishbone				Double Wishbone		Double Wishbone		Double Wishbone			
		Rear	Leaf Spring, Rigid				Leaf Spring, Rigid		Leaf Spring, Rigid		Leaf Spring, Rigid			
	Stabilizer Bar	Front	STD				STD		STD		STD			
		Rear	—				—		—		—			
	Steering Gear Type		Rack and Pinion				Rack and Pinion		Rack and Pinion		Rack and Pinion		70	
	Steering Gear Ratio (Overall)		25.82, 18.68* ⁵				25.82, 18.68* ⁵		25.82, 18.68* ⁵		25.82, 18.68* ⁵			
	Power Steering Type		Integral Type				Integral Type		Integral Type		Integral Type			

*1: With Step Bumper

*2: With Snorkel Cleaner Air Duct

*3: With P195 / 70R15 Tire

*5: With Power Steering

*6: Option

*7: Set Option with Cold Area Spec.

*8: With New Zealand

HIACE – MAJOR TECHNICAL SPECIFICATIONS

355

General Countries						
5-Door Van (Long)			4-Door Commuter			
STD			GL		STD	
RZH113R-SBMRE	RZH113R-SRMRE	RZH113L-SRMRE	RZH115L-BFMGE	RZH155L-BFMGE	RZH115L-BRMRE	
5 4900 (192.9), 4855 (191.1)*1	4900 (192.9), 4855 (191.1)*1	4900 (192.9), 4855 (191.1)*1	4950 (194.9)	4950 (194.9)	4900 (192.9)	
1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5)	
1945 (76.6)	1945 (76.6)	1945 (76.6)	1935 (76.2)	1935 (76.2)	1935 (76.2)	
2330 (91.7)	2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)	
1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1465 (57.7)	1450 (57.1), 1465 (57.7)*3	
10 1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1445 (56.9)	1430 (56.3), 1445 (56.9)*3	
980 (38.6)	1990 (78.3)	1990 (78.3)	3865 (152.2)	3865 (152.2)	3865 (152.2)	
1480 (58.3)	1540 (60.6)	1540 (60.6)	1540 (60.6)	1335 (52.6)	1540 (60.6)	
1345 (53.0)	1345 (53.0)	1345 (53.0)	1335 (52.6)	—	1335 (52.6)	
2975 (117.1)	1965 (77.4)	1965 (77.4)	—	—	—	
15 1540 (60.6)	1540 (60.6)	1540 (60.6)	—	—	—	
1345 (53.0)	1345 (53.0)	1345 (53.0)	—	—	—	
1155 (45.5)	1155 (45.5)	1155 (45.5)	1205 (47.4)	1205 (47.4)	1155 (45.5)	
1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5)	1155 (45.5)	1155 (45.5)	
180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	
20 19°	19°	19°	19°	19°	19°	
18°	18°	18°	18°	18°	18°	
830 - 850 (1830 - 1874)	850 - 910 (1874 - 2006)	895 - 925 (1973 - 2039)	925 - 950 (2039 - 2094)	955 - 960 (2105 - 2116)	925 - 955 (2039 - 2105)	
660 - 675 (1455 - 1488)	700 - 720 (1543 - 1587)	715 - 935 (1576 - 2061)	780 - 800 (1720 - 1764)	820 - 830 (1808 - 1830)	775 - 790 (1709 - 1742)	
1490 - 1525 (3285 - 3362)	1550 - 1630 (3417 - 3594)	1610 - 1660 (3549 - 3660)	1705 - 1750 (3759 - 3858)	1775 - 1790 (3913 - 3946)	1700 - 1745 (3748 - 3847)	
25 1205 - 1220 (2657 - 2690)	1185 - 1255 (2612 - 2767)	1225 - 1255 (2701 - 2767)	1225 - 1250 (2701 - 2756)	1175 - 1270 (2590 - 2800)	1250 - 1295 (2756 - 2855)	
1640 - 1655 (3616 - 3649)	1545 - 1615 (3406 - 3560)	1345 - 1375 (2965 - 3031)	1610 - 1635 (3549 - 3605)	1430 - 1525 (3153 - 3362)	1595 - 1640 (3516 - 3616)	
2860 (6305)	2800 (6173)	2600 (5732)	2860 (6305)	2700 (5952)	2890 (6371)	
70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	
—	—	—	—	—	—	
30 150 (93)	150 (93)	150 (93)	145 (90)	150 (93)	150 (93)	
120 (74)	120 (74)	120 (74)	115 (71)	120 (74)	120 (74)	
35 35 (22)	35 (22)	35 (22)	34 (21)	33 (20)	35 (22)	
60 (37)	60 (37)	60 (37)	58 (36)	57 (35)	60 (37)	
104 (604)	104 (604)	104 (604)	101 (62)	90 (61)	104 (64)	
—	—	—	—	—	—	
5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	
5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	
2RZ-E	2RZ-E	2RZ-E	2RZ-E	2RZ-E	2RZ-E	
OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	OHC, Chain Drive	
40 95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	95 x 86 (3.74 x 3.39)	
2438 (148.8)	2438 (148.8)	2438 (148.8)	2438 (148.8)	2438 (148.8)	2438 (148.8)	
8.8 : 1	8.8 : 1	8.8 : 1	8.8 : 1	8.8 : 1	8.8 : 1	
EFI	EFI	EFI	EFI	EFI	EFI	
91 or more	91 or more	91 or more	91 or more	91 or more	91 or more	
45 88 / 4800	88 / 4800	88 / 4800	88 / 4800	88 / 4800	88 / 4800	
198 / 2600	198 / 2600, 200 / 2600*8	198 / 2600, 200 / 2600*8	198 / 2600	198 / 2600	198 / 2600	
12 - 40	12 - 40	12 - 40, 12 - 48*6, 7	12 - 40, 12 - 48*6, *7	12 - 40, 12 - 48*6, *7	12 - 40, 12 - 48*6, *7	
840	840	840	840	840	840	
1.0	1.0	1.0, 1.4*7	1.0, 1.4*7	1.0, 1.4*7	1.0, 1.4*7	
50 Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	
G55	G55	G55	G55	G55	G55	
4.452	4.452	4.452	4.452	4.452	4.452	
2.619	2.619	2.619	2.619	2.619	2.619	
1.517	1.517	1.517	1.517	1.517	1.517	
55 1.000	1.000	1.000	1.000	1.000	1.000	
0.854	0.854	0.854	0.854	0.854	0.854	
4.472	4.472	4.472	4.472	4.472	4.472	
—	—	—	—	—	—	
— / 4.100	— / 4.100	— / 4.100	— / 4.100	— / 4.100	— / 4.100	
60 — / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	
Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Single 10"	Tandem 8.5" + 8.5", Tandem 8.5" + 9"*1	Tandem 8.5" + 8.5"	
65 LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	
Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	4-Link, Rigid	Leaf Spring, Rigid	
STD	STD	STD	STD	STD	STD	
—	—	—	—	STD	—	
70 Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	
25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	18.68	25.82, 18.68*5	
Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	

Item				Area		General Countries							
Body Type				4-Door Commuter				4-Door Van (Standard)					
Vehicle Grade				GL				STD					
Model Code				RZH115L-BRMNE		RZH115L-ZRMNE		RZH135R-JFMGE		LH102L-RBMRS			
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4950 (194.9)		4950 (194.9)		5250 (206.7)		4640 (182.7), 4595 (180.9)* ¹		5	
		Width	mm (in.)	1690 (66.5)		1690 (66.5)		1690 (66.5)		1690 (66.5), 1745 (68.7)* ²			
		Height	mm (in.)	1935 (70.2)		1935 (70.2)		1970 (77.6)		1945 (76.6)			
	Wheel Base		mm (in.)		2590 (102.0)		2590 (102.0)		2890 (113.8)		2330 (91.7)		
	Tread	Front	mm (in.)	1450 (57.1), 1465 (57.7)* ³		1450 (57.1), 1465 (57.7)* ³		1465 (57.7)		1450 (57.1), 1465 (57.7)* ²			
		Rear	mm (in.)	1430 (56.3), 1445 (56.9)* ³		1430 (56.3), 1445 (56.9)* ³		1445 (56.9)		1430 (56.3), 1445 (56.9)* ²		10	
	Room	Length	mm (in.)	3865 (152.2)		3865 (152.2)		4120 (162.2)		2470 (97.2)			
		Width	mm (in.)	1540 (60.6)		1540 (60.6)		1540 (60.6)		1540 (60.6)			
		Height	mm (in.)	1335 (52.6)		1335 (52.6)		1360 (53.5)		1345 (53.0)			
	Cargo Space	Length	mm (in.)	—		—		—		2715 (106.9)			
		Width	mm (in.)	—		—		—		1540 (60.6)		15	
		Height	mm (in.)	—		—		—		1345 (53.0)			
	Overhang	Front	mm (in.)	1205 (47.4)		1205 (47.4)		1205 (47.4)		1155 (45.5)			
		Rear	mm (in.)	1155 (45.5)		1155 (45.5)		1155 (45.5)		1155 (45.5), 1110 (43.7)* ¹			
	Min. Running Ground Clearance		mm (in.)	180 (7.1)		180 (7.1)		180 (7.1)		180 (7.1)			
	Angle of Approach		degrees	19°		19°		19°		19°		20	
	Angle of Departure		degrees	18°		18°		18°		18°			
	Curb Weight	Front	kg (lb)	—		—		945 - 950 (2083 - 2094)		920 - 955 (2028 - 2105)			
		Rear	kg (lb)	—		—		875 - 880 (1929 - 1940)		665 - 690 (1466 - 1521)			
		Total	kg (lb)	—		—		1820 - 1830 (4012 - 4034)		1585 - 1645 (3494 - 3627)			
	Gross Vehicle Weight	Front	kg (lb)	—		—		1285 - 1295 (2833 - 2855)		1230 - 1255 (2712 - 2767)		25	
		Rear	kg (lb)	—		—		1505 - 1515 (3318 - 3340)		1245 - 1270 (2745 - 2800)			
		Total	kg (lb)	—		—		2800 (6173)		2500 (5512)			
	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.)	—		—		—		—			
Performance	Max. Speed		km/h (mph)	150 (93)		150 (93)		150 (93)		130 (80)		30	
	Max. Cruising Speed		km/h (mph)	120 (74)		120 (74)		120 (74)		105 (65)			
	Max. Permissible Speed	1st Gear	km/h (mph)	35 (22)		35 (22)		33 (20)		26 (16)			
		2nd Gear	km/h (mph)	60 (37)		60 (37)		57 (35)		44 (27)			
		3rd Gear	km/h (mph)	104 (64)		104 (64)		90 (61)		76 (47)			
		4th Gear	km/h (mph)	—		—		—		—		35	
	Min. Turning Radius	Tire	m (ft.)	5.2 (17.1)		5.2 (17.1)		5.7 (18.7)		4.7 (15.4)			
		Body	m (ft.)	5.8 (19.0)		5.8 (19.0)		6.3 (20.7)		5.3 (17.4)			
Engine	Engine Type		2RZ-E		2RZ-E		2RZ-E		2L				
	Valve Mechanism		OHC, Chain Drive		OHC, Chain Drive		OHC, Chain Drive		OHC, Belt Drive				
	Bore x Stroke		mm (in.)	95 x 86 (3.74 x 3.39)		95 x 86 (3.74 x 3.39)		95 x 86 (3.74 x 3.39)		92 x 92 (3.62 x 3.62)		40	
	Displacement		cm ³ (cu.in.)	2438 (148.8)		2438 (148.8)		2438 (148.8)		2446 (149.3)			
	Compression Ratio		8.8 : 1		8.8 : 1		8.8 : 1		22.2 : 1				
	Carburetor Type or Injection Pump Type (Diesel)		EFI		EFI		EFI		Distributor Type				
	Research Octane No. or Cetane No. (Diesel)		91 or more		91 or more		91 or more		50 or more				
	Max. Output (EEC)		kw / rpm	88 / 4800		88 / 4800		88 / 4800		60 / 4000		45	
Max. Torque (EEC)		N·m / rpm	198 / 2600		198 / 2600		198 / 2600		162 / 2400				
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 40, 12 - 48* ⁶ , * ⁷		12 - 40, 12 - 48* ⁶ , * ⁷		12 - 48		12 - 60, 12 - 55 x 2* ⁷			
	Alternator Output		Watts	840		840		840		840			
	Starter Output		kW	1.0, 1.4* ⁷		1.0, 1.4* ⁷		1.0		2.0, 2.7* ⁷			
Chassis	Clutch Type		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		50		
	Transmission Type		G55		G55		G55		G55				
	Transmission Gear Ratio	In First	4.452		4.452		4.452		4.452				
		In Second	2.619		2.619		2.619		2.619				
		In Third	1.517		1.517		1.517		1.517				
		In Fourth	1.000		1.000		1.000		1.000		55		
		In Fifth	0.854		0.854		0.854		0.854				
		In Reverse	4.472		4.472		4.472		4.472				
	Transfer Gear Ratio H4 / L4		—		—		—		—				
	Differential Gear Ratio (Front / Rear)		— / 4.100		— / 4.100		— / 4.100		— / 4.555				
	Differential Gear Size (Front / Rear)		in.	— / 8.07		— / 8.07		— / 8.07		— / 8.07		60	
	Brake Type	Front	Ventilated Disc		Ventilated Disc		Ventilated Disc		Ventilated Disc				
		Rear	Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum				
	Parking Brake Type		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum				
	Brake Booster Type and Size		in.	Tandem 8.5" + 8.5"		Tandem 8.5" + 8.5"		Single 10"		Tandem 8.5" + 8.5"			
	Proportioning Valve Type		LSP and BV		LSP and BV		LSP and BV		LSP and BV		65		
	Suspension Type	Front	Double Wishbone		Double Wishbone		Double Wishbone		Double Wishbone				
		Rear	Leaf Spring, Rigid		Leaf Spring, Rigid		4-Link, Rigid		Leaf Spring, Rigid				
	Stabilizer Bar	Front	STD		STD		STD		STD				
		Rear	—		—		STD		—				
	Steering Gear Type		Rack and Pinion		Rack and Pinion		Rack and Pinion		Rack and Pinion		70		
	Steering Gear Ratio (Overall)		25.82, 18.68* ⁵		25.82, 18.68* ⁵		18.68		25.82, 18.65* ⁵				
	Power Steering Type		Integral Type		Integral Type		Integral Type		Integral Type				

*1: With Step Bumper

*2: With Snorkel Cleaner Air Duct

*3: With P195 / 70R15 Tire

*5: With Power Steering

*6: Option

*7: Set Option with Cold Area Spec.

HIACE – MAJOR TECHNICAL SPECIFICATIONS

357

	General Countries					
	4-Door Van (Long)			4-Door Commuter		
	STD					
	LH112R-RBMRS	LH112L-RBMRS	LH112R-RRMRS	LH114L-BFMRS	LH104L-BFMRS	LH114R-BRMRS
5	4900 (192.9), 4855 (191.1)*1	4900 (192.9), 4855 (191.1)*1	4900 (192.9), 4855 (191.1)*1	4900 (192.9)	4640 (182.7)	4900 (192.9)
	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2
	1945 (76.6)	1945 (76.6)	1945 (76.6)	1935 (76.2)	1935 (76.2)	1935 (76.2)
	2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)
	1450 (57.1), 1465 (57.7)*2	1450 (57.1), 1465 (57.7)*2	1450 (57.1), 1465 (57.7)*2	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3
10	1430 (56.3), 1445 (56.9)*2	1430 (56.3), 1445 (56.9)*2	1430 (56.3), 1445 (56.9)*2	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3
	980 (38.6)	980 (38.6)	1990 (78.3)	3480 (137.2)	3480 (137.2)	3480 (137.2)
	1480 (58.3)	1480 (58.3)	1540 (60.6)	1540 (60.6)	1540 (60.6)	1540 (60.6)
	1345 (53.0)	1345 (53.0)	1345 (53.0)	1335 (52.6)	1335 (52.6)	1335 (52.6)
	2975 (117.1)	2975 (117.1)	1965 (77.4)	—	—	—
15	1540 (60.6)	1540 (60.6)	1540 (60.6)	—	—	—
	1345 (53.0)	1345 (53.0)	1345 (53.0)	—	—	—
	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)
	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5)	1155 (45.5)	1155 (45.5)
	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)
20	19°	19°	19°	19°	19°	19°
	18°	18°	18°	18°	18°	18°
	930 - 965 (2050 - 2127)	935 - 970 (2061 - 2138)	945 - 980 (2083 - 2161)	965 - 1000 (2127 - 2205)	965 - 1000 (2127 - 2205)	980 - 1015 (2161 - 2238)
	680 - 705 (1499 - 1554)	685 - 705 (1510 - 1554)	720 - 735 (1587 - 1620)	765 - 765 (1687 - 1687)	750 - 765 (1653 - 1687)	790 - 805 (1742 - 1775)
	1610 - 1670 (3549 - 3682)	1615 - 1675 (3560 - 3693)	1665 - 1715 (3671 - 3781)	1730 - 1780 (3814 - 3924)	1715 - 1765 (3781 - 3891)	1770 - 1820 (3902 - 4012)
25	1280 - 1305 (2822 - 2877)	1285 - 1305 (2833 - 2877)	1300 - 1330 (2866 - 2932)	1015 - 1065 (2238 - 2348)	1215 - 1265 (2679 - 2789)	1220 - 1275 (2690 - 2811)
	1295 - 1320 (2855 - 2910)	1295 - 1315 (2855 - 2899)	1270 - 1300 (2800 - 2866)	1585 - 1535 (3494 - 3384)	1485 - 1535 (3274 - 3384)	1525 - 1580 (3362 - 3483)
	2600 (5732)	2600 (5732)	2600 (5732)	2600 (5732)	2750 (6063)	2800 (6173)
	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)
	—	—	—	—	—	—
30	130 (80)	130 (80)	130 (80)	130 (80)	130 (80)	130 (80)
	105 (65)	105 (65)	105 (65)	105 (65)	105 (65)	105 (65)
	28 (17)	28 (17)	28 (17)	28 (17)	28 (17)	28 (17)
	48 (30)	48 (30)	48 (30)	48 (30)	48 (30)	48 (30)
	83 (51)	83 (51)	83 (51)	83 (51)	83 (51)	83 (51)
35	—	—	—	—	—	—
	5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	4.7 (15.4)	5.2 (17.1)
	5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	5.3 (17.4)	5.8 (19.0)
	2L	2L	2L	2L	2L	2L
	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive
40	92 x 92 (3.62 x 3.62)	92 x 92 (3.62 x 3.62)	92 x 92 (3.62 x 3.62)	92 x 92 (3.62 x 3.62)	92 x 92 (3.62 x 3.62)	92 x 92 (3.62 x 3.62)
	2446 (149.3)	2446 (149.3)	2446 (149.3)	2446 (149.3)	2446 (149.3)	2446 (149.3)
	22.2 : 1	22.2 : 1	22.2 : 1	22.2 : 1	22.2 : 1	22.2 : 1
	Distributor Type	Distributor Type	Distributor Type	Distributor Type	Distributor Type	Distributor Type
	50 or more	50 or more	50 or more	50 or more	50 or more	50 or more
45	60 / 4000	60 / 4000	60 / 4000	60 / 4000	60 / 4000	60 / 4000
	162 / 2400	162 / 2400	162 / 2400	162 / 2400	162 / 2400	162 / 2400
	12 - 60, 12 - 55 x 2*6	12 - 60, 12 - 55 x 2*6, *7	12 - 60, 12 - 55 x 2*6	12 - 60, 12 - 55*6, *7	12 - 60, 12 - 55 x 2*6, *7	12 - 60, 12 - 55 x 2*6
	840	840	840	840	840	840
	2.0	2.0, 2.7*7	2.0	2.0, 2.7*7	2.0, 2.7*7	2.0
50	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm
	G55	G55	G55	G55	G55	G55
	4.452	4.452	4.452	4.452	4.452	4.452
	2.619	2.619	2.619	2.619	2.619	2.619
	1.517	1.517	1.517	1.517	1.517	1.517
55	1.000	1.000	1.000	1.000	1.000	1.000
	0.854	0.854	0.854	0.854	0.854	0.854
	4.472	4.472	4.472	4.472	4.472	4.472
	—	—	—	—	—	—
	— / 4.555	— / 4.555	— / 4.555	— / 4.555	— / 4.555	— / 4.555
60	— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum
	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum
	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Single 10"	Single 10"	Single 10"
65	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV
	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid
	STD	STD	STD	STD	STD	STD
	—	—	—	—	—	—
70	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5
	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type

Item				Area				General Countries				
Body Type				4-Door Commuter		5-Door Van (Standard)						
Vehicle Grade				STD								
Model Code				LH114L-BRMRS		LH162R-SBMRS		LH162R-SRMRS		LH162R-SRPRS		
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4900 (192.9)		4640 (182.7), 4595 (180.9)* ¹		4640 (182.7), 4595 (180.9)* ¹		4640 (182.7), 4595 (180.9)* ¹		5
		Width	mm (in.)	1690 (66.5), 1745 (68.7)* ²		1690 (66.5), 1745 (68.7)* ²		1690 (66.5), 1745 (68.7)* ²		1690 (66.5), 1745 (68.7)* ²		
		Height	mm (in.)	1935 (76.2)		1945 (76.6)		1945 (76.6)		1945 (76.6)		
	Wheel Base		mm (in.)	2590 (102.0)		2330 (91.7)		2330 (91.7)		2330 (91.7)		
	Tread	Front	mm (in.)	1450 (57.1), 1465 (57.7)* ³		1450 (57.1), 1465 (57.7)* ³		1450 (57.1), 1465 (57.7)* ³		1450 (57.1), 1465 (57.7)* ³		
		Rear	mm (in.)	1430 (56.3), 1445 (56.9)* ³		1430 (56.3), 1445 (56.9)* ³		1430 (56.3), 1445 (56.9)* ³		1430 (56.3), 1445 (56.9)* ³		10
	Room	Length	mm (in.)	3480 (137.2)		980 (38.6)		1990 (78.3)		1990 (78.3)		
		Width	mm (in.)	1540 (60.6)		1480 (58.3)		1540 (60.6)		1540 (60.6)		
		Height	mm (in.)	1335 (52.6)		1345 (53.0)		1345 (53.0)		1345 (53.0)		
	Cargo Space	Length	mm (in.)	—		2715 (106.9)		1705 (67.1)		1705 (67.1)		
		Width	mm (in.)	—		1540 (60.6)		1540 (60.6)		1540 (60.6)		15
		Height	mm (in.)	—		1345 (53.0)		1345 (53.0)		1345 (53.0)		
	Overhang	Front	mm (in.)	1155 (45.5)		1155 (45.5)		1155 (45.5)		1155 (45.5)		
		Rear	mm (in.)	1155 (45.5)		1155 (45.5), 1110 (43.7)* ¹		1155 (45.5), 1110 (43.7)* ¹		1155 (45.5), 1110 (43.7)* ¹		
	Min. Running Ground Clearance		mm (in.)	180 (7.1)		180 (7.1)		180 (7.1)		180 (7.1)		
	Angle of Approach		degrees	19°		19°		19°		19°		20
	Angle of Departure		degrees	18°		18°		18°		18°		
	Curb Weight	Front	kg (lb)	980 - 1015 (2161 - 2238)		930 - 965 (2050 - 2127)		945 - 980 (2083 - 2161)		895 - 960 (1973 - 2116)		
		Rear	kg (lb)	790 - 805 (1742 - 1775)		680 - 705 (1499 - 1554)		715 - 735 (1576 - 1620)		705 - 725 (1554 - 1598)		
		Total	kg (lb)	1770 - 1820 (3902 - 4012)		1610 - 1670 (3549 - 3682)		1660 - 1715 (3660 - 3781)		1600 - 1685 (3527 - 3715)		
	Gross Vehicle Weight	Front	kg (lb)	1305 - 1360 (2877 - 2998)		1235 - 1265 (2723 - 2789)		1225 - 1265 (2701 - 2767)		1180 - 1245 (2601 - 2745)		25
		Rear	kg (lb)	1610 - 1665 (3549 - 3671)		1235 - 1265 (2723 - 2789)		1225 - 1275 (2701 - 2811)		1450 - 1520 (3197 - 3351)		
		Total	kg (lb)	2970 (6548)		2500 (5512)		2500 (5512)		2700 (5952)		
	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.)	—		—		—		—		
Performance	Max. Speed		km/h (mph)	130 (80)		135 (84)		135 (84)		130 (81)		30
	Max. Cruising Speed		km/h (mph)	105 (65)		—		—		—		
	Max. Permissible Speed	1st Gear	km/h (mph)	28 (17)		30 (19)		30 (19)		38 (24)		
		2nd Gear	km/h (mph)	48 (30)		51 (32)		51 (32)		73 (45)		
		3rd Gear	km/h (mph)	83 (51)		87 (54)		87 (54)		—		
		4th Gear	km/h (mph)	—		—		—		—		35
	Min. Turning Radius	Tire	m (ft.)	5.2 (17.1)		4.7 (15.4)		4.7 (15.4)		4.7 (15.4)		
		Body	m (ft.)	5.8 (19.0)		5.3 (17.4)		5.3 (17.4)		5.3 (17.4)		
Engine	Engine Type		2L		5L		5L		5L			
	Valve Mechanism		OHC, Belt Drive		OHC, Belt Drive		OHC, Belt Drive		OHC, Belt Drive			
	Bore x Stroke		mm (in.)	92 x 92 (3.62 x 3.62)		99.5 x 96 (3.91 x 3.78)		99.5 x 96 (3.91 x 3.78)		99.5 x 96 (3.91 x 3.78)		40
	Displacement		cm ³ (cu.in.)	2446 (149.3)		2986 (117.6)		2986 (117.6)		2986 (117.6)		
	Compression Ratio		22.2 : 1		22.2 : 1		22.2 : 1		22.2 : 1			
	Carburetor Type or Injection Pump Type (Diesel)		Distributor Type		Distributor Type		Distributor Type		Distributor Type			
	Research Octane No. or Cetane No. (Diesel)		50 or more		50 or more		50 or more		50 or more			
	Max. Output (EEC)	kw / rpm	60 / 4000		66 / 4000		66 / 4000		66 / 4000		66 / 4000	
Max. Torque (EEC)		N·m / rpm	162 / 2400		192 / 2400		192 / 2400		192 / 2400		192 / 2400	
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 60, 12 - 55 x 2* ⁶ , * ⁷		12 - 64, 12 - 55 x 2* ⁶		12 - 64, 12 - 55 x 2* ⁶		12 - 64, 12 - 55 x 2* ⁶		
	Alternator Output		Watts	840		960		960		960		
Starter Output		kW	2.0, 2.7* ⁷		2.2		2.2		2.7			
Chassis	Clutch Type		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		—		50	
	Transmission Type		G55		G55		G55		A45DL			
	Transmission Gear Ratio	In First	4.452		4.452		4.452		2.826			
		In Second	2.619		2.619		2.619		1.493			
		In Third	1.517		1.517		1.517		1.000			
		In Fourth	1.000		1.000		1.000		0.730		55	
		In Fifth	0.854		0.854		0.854		—			
		In Reverse	4.472		4.472		4.472		2.730			
	Transfer Gear Ratio H4 / L4		—		—		—		—			
	Differential Gear Ratio (Front / Rear)		— / 4.555		— / 4.300		— / 4.300		— / 4.875			
	Differential Gear Size (Front / Rear)		in.	— / 8.07		— / 8.07		— / 8.07		— / 8.07		60
	Brake Type	Front	Ventilated Disc		Ventilated Disc		Ventilated Disc		Ventilated Disc			
		Rear	Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum			
	Parking Brake Type		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum			
	Brake Booster Type and Size		in.	Single 10"		Single 10"		Single 10"		Single 10"		
	Proportioning Valve Type		LSP and BV		LSP and BV		LSP and BV		LSP and BV		65	
	Suspension Type	Front	Double Wishbone		Double Wishbone		Double Wishbone		Double Wishbone			
		Rear	Leaf Spring, Rigid		Leaf Spring, Rigid		Leaf Spring, Rigid		Leaf Spring, Rigid			
	Stabilizer Bar	Front	STD		STD		STD		STD			
		Rear	—		—		—		—			
	Steering Gear Type		Rack and Pinion		Rack and Pinion		Rack and Pinion		Rack and Pinion		70	
	Steering Gear Ratio (Overall)		25.82, 18.68* ⁵		25.82, 18.68* ⁵		25.82, 18.68* ⁵		18.68			
	Power Steering Type		Integral Type		Integral Type		Integral Type		Integral Type			

*¹: With Step Bumper*²: With Snorkel Cleaner Air Duct*³: With P195 / 70R15 Tire*⁵: With Power Steering*⁶: Option*⁷: Set Option with Cold Area Spec.

HIACE – MAJOR TECHNICAL SPECIFICATIONS

359

General Countries						
4-Door Van (Long)					5-Door Van (Long)	
STD			GL	STD		
LH172R-RBMRS	LH172L-RBMRS	LH172R-EBMRS	LH172R-RBMNS	LH172R-RRMRS	LH172R-SBMRS	
4900 (192.9), 4855 (191.1)*1	4900 (192.9), 4855 (191.1)*1	4900 (192.9)	4950 (194.9)	4900 (192.9), 4855 (191.1)*1	4900 (192.9), 4855 (191.1)*1	
1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5)	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)	
1945 (76.6)	1945 (76.6)	2225 (87.6)	1945 (76.6)	1945 (76.6)	1945 (76.6)	
2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)	2590 (102.0)	
1450 (57.1), 1465 (57.7)*2	1450 (57.1), 1465 (57.7)*2	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	
1430 (56.3), 1445 (56.9)*2	1430 (56.3), 1445 (56.9)*2	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	
980 (38.6)	980 (38.6)	980 (38.6)	980 (38.6)	1990 (78.3)	980 (38.6)	
1480 (58.3)	1480 (58.3)	1480 (58.3)	1480 (58.3)	1540 (60.6)	1480 (58.3)	
1345 (53.0)	1345 (53.0)	1605 (63.2)	1345 (53.0)	1345 (53.0)	1345 (53.0)	
2975 (117.1)	2975 (117.1)	2975 (117.1)	2975 (117.1)	1965 (77.4)	2975 (117.1)	
1540 (60.6)	1540 (60.6)	1540 (60.6)	1540 (60.6)	1540 (60.6)	1540 (60.6)	
1345 (53.0)	1345 (53.0)	1605 (63.2)	1345 (53.0)	1345 (53.0)	1345 (53.0)	
1155 (45.5)	1155 (45.5)	1155 (45.5)	1205 (47.4)	1155 (45.5)	1155 (45.5)	
1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	1155 (45.5)	1155 (45.5)	1155 (45.5), 1110 (43.7)*1	1155 (45.5), 1110 (43.7)*1	
180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	
19°	19°	19°	18°	19°	19°	
18°	18°	18°	18°	18°	18°	
940 - 975 (2072 - 2150)	945 - 980 (2083 - 2161)	940 - 975 (2072 - 2150)	925 - 1000 (2039 - 2205)	955 - 990 (2105 - 2183)	945 - 980 (2083 - 2161)	
685 - 710 (1510 - 1565)	685 - 710 (1510 - 1565)	715 - 740 (1576 - 1631)	675 - 700 (1488 - 1543)	725 - 740 (1598 - 1631)	695 - 720 (1532 - 1587)	
1625 - 1685 (3583 - 3715)	1630 - 1690 (3594 - 3726)	1655 - 1715 (3649 - 3781)	1600 - 1700 (3527 - 3748)	1680 - 1730 (3704 - 3814)	1640 - 1700 (3616 - 3748)	
1285 - 1310 (2833 - 2888)	1290 - 1315 (2844 - 2899)	1280 - 1305 (2822 - 2877)	1275 - 1335 (2811 - 2943)	1275 - 1320 (2811 - 2910)	1290 - 1315 (2844 - 2899)	
1290 - 1315 (2844 - 2899)	1285 - 1310 (2833 - 2888)	1295 - 1320 (2855 - 2910)	1265 - 1325 (2789 - 2921)	1280 - 1300 (2822 - 2866)	1310 - 1285 (2888 - 2833)	
2600 (5732)	2600 (5732)	2600 (5732)	2600 (5732)	2600 (5732)	2600 (5732)	
70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	
—	—	—	—	—	—	
135 (84)	135 (84)	135 (84)	135 (84)	135 (84)	135 (84)	
—	—	—	—	—	—	
30 (19)	30 (19)	30 (19)	30 (19)	51 (32)	30 (19)	
51 (32)	51 (32)	51 (32)	51 (32)	87 (54)	51 (32)	
87 (54)	87 (54)	87 (57)	87 (54)	—	87 (54)	
—	—	—	—	—	—	
5.2 (17.1)	5.2 (17.1)	4.7 (15.4)	5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	
5.8 (19.0)	5.8 (19.0)	5.3 (17.4)	5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	
5L	5L	5L	5L	5L	5L	
OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	
99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	
2986 (117.6)	2986 (117.6)	2986 (117.6)	2986 (117.6)	2986 (117.6)	2986 (117.6)	
22.2 : 1	22.2 : 1	22.2 : 1	22.2 : 1	22.2 : 1	22.2 : 1	
Distributor Type	Distributor Type	Distributor Type	Distributor Type	Distributor Type	Distributor Type	
50 or more	50 or more	50 or more	50 or more	50 or more	50 or more	
66 / 4000	66 / 4000	66 / 4000	66 / 4000	66 / 4000	66 / 4000	
192 / 2400	192 / 2400	192 / 2400	192 / 2400	192 / 2400	192 / 2400	
12 - 64, 12 - 55 x 2*6	12 - 64, 12 - 55 x 2*6, *7	12 - 64, 12 - 55 x 2*6	12 - 64, 12 - 55 x 2*6	12 - 64, 12 - 55 x 2*6	12 - 64, 12 - 55 x 2*6	
960	960	960	960	960	960	
2.2	2.2, 2.7*7	2.2	2.2	2.2	2.2	
Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	
G55	G55	G55	G55	G55	G55	
4.452	4.452	4.452	4.452	4.452	4.452	
2.619	2.619	2.619	2.619	2.619	2.619	
1.517	1.517	1.517	1.517	1.517	1.517	
1.000	1.000	1.000	1.000	1.000	1.000	
0.854	0.854	0.854	0.854	0.854	0.854	
4.472	4.472	4.472	4.472	4.472	4.472	
—	—	—	—	—	—	
— / 4.300	— / 4.300	— / 4.300	— / 4.300	— / 4.300	— / 4.300	
— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	
Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Tandem 8.5" + 8.5"	Single 10"	Tandem 8.5" + 8.5"	Single 10"	
LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	
Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	
STD	STD	STD	STD	STD	STD	
—	—	—	—	—	—	
Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	
25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	18.68	25.82, 18.68*5	25.82, 18.68*5	
Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	

Item				Area				General Countries				
Body Type				5-Door Van (Long)				4-Door Commuter				
Vehicle Grade				STD				GL				
Model Code				LH172L-SBMRS		LH172R-SRMRS		LH154L-BFMQS		LH154L-BFMGS		
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4900 (192.9), 4855 (191.1)* ¹		4900 (192.9), 4855 (191.1)* ¹		4950 (194.9)		4950 (194.9)		5
		Width	mm (in.)	1690 (66.5), 1745 (68.7)		1690 (66.5), 1745 (68.7)		1690 (66.5), 1745 (68.7)* ²		1690 (66.5), 1745 (68.7)* ²		
		Height	mm (in.)	1945 (76.6)		1945 (76.6)		1935 (76.2)		1935 (76.2)		
	Wheel Base		mm (in.)	2590 (102.0)		2590 (102.0)		2590 (102.0)		2590 (102.0)		
	Tread	Front	mm (in.)	1450 (57.1), 1465 (57.7)* ³		1450 (57.1), 1465 (57.7)* ³		1465 (57.7)		1465 (57.7)		
		Rear	mm (in.)	1430 (56.3), 1445 (56.9)* ³		1430 (56.3), 1445 (56.9)* ³		1445 (56.9)		1445 (56.9)		10
	Room	Length	mm (in.)	980 (38.6)		1990 (78.3)		3865 (152.2)		3865 (152.2)		
		Width	mm (in.)	1480 (58.3)		1540 (60.6)		1335 (52.6)		1335 (52.6)		
		Height	mm (in.)	1345 (53.0)		1345 (53.0)						
	Cargo Space	Length	mm (in.)	2975 (117.1)		1965 (77.4)		—		—		
		Width	mm (in.)	1540 (60.6)		1540 (60.6)		—		—		
		Height	mm (in.)	1345 (53.0)		1345 (53.0)		—		—		15
	Overhang	Front	mm (in.)	1155 (45.5)		1155 (45.5)		1205 (47.4)		1205 (47.4)		
		Rear	mm (in.)	1155 (45.5), 1110 (43.7)* ¹		1155 (45.5), 1110 (43.7)* ¹		1155 (45.5)		1155 (45.5)		
	Min. Running Ground Clearance		mm (in.)	180 (7.1)		180 (7.1)		180 (7.1)		180 (7.1)		
	Angle of Approach		degrees	19°		19°		19°		19°		20
	Angle of Departure		degrees	18°		18°		18°		18°		
	Curb Weight	Front	kg (lb)	950 - 985 (2094 - 2172)		905 - 970 (1995 - 2138)		1020 - 1025 (2249 - 2260)		1020 - 1025 (2249 - 2260)		
		Rear	kg (lb)	695 - 720 (1532 - 1587)		720 - 740 (1587 - 1631)		870 - 880 (1918 - 1940)		840 - 850 (1852 - 1874)		
		Total	kg (lb)	1645 - 1705 (3627 - 3759)		1625 - 1710 (3583 - 3770)		1890 - 1905 (4167 - 4200)		1860 - 1875 (4101 - 4134)		
	Gross Vehicle Weight	Front	kg (lb)	1295 - 1315 (2855 - 2899)		1240 - 1305 (2734 - 2877)		1095 - 1170 (2414 - 2579)		1150 - 1230 (2535 - 2712)		25
		Rear	kg (lb)	1285 - 1305 (2833 - 2877)		1495 - 1560 (3296 - 3439)		1430 - 1505 (3153 - 3318)		1380 - 1450 (3042 - 3197)		
		Total	kg (lb)	2600 (5732)		2800 (6173)		2600 (5732)		2600 (5732)		
	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.)	—		—		—		—		
Performance	Max. Speed		km/h (mph)	135 (84)		135 (84)		135 (84)		135 (84)		30
	Max. Cruising Speed		km/h (mph)	—		—		—		—		
	Max. Permissible Speed	1st Gear	km/h (mph)	30 (19)		30 (19)		30 (19)		30 (19)		
		2nd Gear	km/h (mph)	51 (32)		51 (32)		51 (32)		51 (32)		
		3rd Gear	km/h (mph)	87 (54)		87 (54)		87 (54)		87 (54)		
		4th Gear	km/h (mph)	—		—		—		—		35
	Min. Turning Radius	Tire	m (ft.)	5.2 (17.1)		5.2 (17.1)		5.2 (17.1)		5.2 (17.1)		
		Body	m (ft.)	5.8 (19.0)		5.8 (19.0)		5.8 (19.0)		5.8 (19.0)		
Engine	Engine Type		5L		5L		5L		5L			
	Valve Mechanism		OHC, Belt Drive		OHC, Belt Drive		OHC, Belt Drive		OHC, Belt Drive			
	Bore x Stroke		mm (in.)	99.5 x 96 (3.91 x 3.78)		99.5 x 96 (3.91 x 3.78)		99.5 x 96 (3.91 x 3.78)		99.5 x 96 (3.91 x 3.78)		40
	Displacement		cm ³ (cu.in.)	2986 (117.6)		2986 (117.6)		2986 (117.6)		2986 (117.6)		
	Compression Ratio		22.2 : 1		22.2 : 1		22.2 : 1		22.2 : 1			
	Carburetor Type or Injection Pump Type (Diesel)		Distributor Type		Distributor Type		Distributor Type		Distributor Type			
	Research Octane No. or Cetane No. (Diesel)		50 or more		50 or more		50 or more		50 or more			
	Max. Output (EEC)	kw / rpm	66 / 4000		66 / 4000		66 / 4000		66 / 4000		66 / 4000	
Max. Torque (EEC)		N·m / rpm	192 / 2400		192 / 2400		192 / 2400		192 / 2400		192 / 2400	
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 64, 12 - 55 x 2* ⁶ , * ⁷		12 - 64, 12 - 55 x 2* ⁶		12 - 64, 12 - 55 x 2* ⁶		12 - 64, 12 - 55 x 2* ⁶		
	Alternator Output		Watts	960		960		960		960		
	Starter Output		kW	2.2, 2.7* ⁷		2.2		2.2		2.2		
Chassis	Clutch Type		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		Dry, Single Plate, Diaphragm		50	
	Transmission Type		G55		G55		G55		G55			
	Transmission Gear Ratio	In First	4.452		4.452		4.452		4.452			
		In Second	2.619		2.619		2.619		2.619			
		In Third	1.517		1.517		1.517		1.517			
		In Fourth	1.000		1.000		1.000		1.000		55	
		In Fifth	0.854		0.854		0.854		0.854			
		In Reverse	4.472		4.472		4.472		4.472			
	Transfer Gear Ratio H4 / L4		—		—		—		—			
	Differential Gear Ratio (Front / Rear)		— / 4.300		— / 4.300		— / 4.300		— / 4.300			
	Differential Gear Size (Front / Rear)		in.	— / 8.07		— / 8.07		— / 8.07		— / 8.07		60
	Brake Type	Front	Ventilated Disc		Ventilated Disc		Ventilated Disc		Ventilated Disc			
		Rear	Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum			
	Parking Brake Type		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum		Leading-Trailing Drum			
	Brake Booster Type and Size		in.	Single 10"		Single 10"		Single 10"		Single 10"		
	Proportioning Valve Type		LSP and BV		LSP and BV		LSP and BV		LSP and BV		65	
	Suspension Type	Front	Double Wishbone		Double Wishbone		Double Wishbone		Double Wishbone			
		Rear	Leaf Spring, Rigid		Leaf Spring, Rigid		4-Link, Rigid		4-Link, Rigid			
	Stabilizer Bar	Front	STD		STD		STD		STD			
		Rear	—		—		STD		—			
	Steering Gear Type		Rack and Pinion		Rack and Pinion		Rack and Pinion		Rack and Pinion		70	
	Steering Gear Ratio (Overall)		25.82, 18.68* ⁵		25.82, 18.68* ⁵		18.68		18.68			
	Power Steering Type		Integral Type		Integral Type		Integral Type		Integral Type			

*¹: With Step Bumper*²: With Snorkel Cleaner Air Duct*³: With P195 / 70R15 Tire*⁵: With Power Steering*⁶: Option*⁷: Set Option with Cold Area Spec.*¹⁰: With Egypt

HIACE – MAJOR TECHNICAL SPECIFICATIONS

361

General Countries						
4-Door Commuter					4-Door Van (Long)	
STD			GL		STD	
LH174R-BRMRS	LH174L-BRMRS	LH174R-ZRMRS	LH184R-JRMNS	LH184R-ZRMNS	LH172R-RRMRE	
4900 (192.9)	4900 (192.9)	4900 (192.9)	5250 (206.7)	5250 (206.7)	4900 (192.9), 4855 (191.1)*1	
1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5), 1745 (68.7)*2	1690 (66.5)	1690 (66.5)	1690 (66.5), 1745 (68.7)*2	
1935 (76.2)	1935 (76.2)	222.5 (87.6)	1970 (77.6)	1970 (77.6)	1945 (76.6)	
2590 (102.0)	2590 (102.0)	2590 (102.0)	1970 (77.6)	1970 (77.6)	2590 (102.0)	
1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1450 (57.1), 1465 (57.7)*3	1465 (57.7)	1465 (57.7)	1450 (57.1), 1465 (57.7)*3	
1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1430 (56.3), 1445 (56.9)*3	1445 (56.9)	1445 (56.9)	1430 (56.3), 1445 (56.9)*3	
3865 (152.2)	3865 (152.2)	3865 (152.2)	4120 (162.2)	4120 (162.2)	1990 (78.3)	
1540 (60.6)	1540 (60.6)	1540 (60.6)	1335 (52.6)	1335 (52.6)	1540 (60.6)	
1335 (52.6)	1335 (52.6)	1335 (52.6)	1605 (63.2)	1605 (63.2)	1345 (53.0)	
—	—	—	—	—	1965 (77.4)	
—	—	—	—	—	1540 (60.6)	
—	—	—	—	—	1345 (53.0)	
1155 (45.5)	1155 (45.5)	1155 (45.5)	1205 (47.4)	1205 (47.4)	1155 (45.5)	
1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5)	1155 (45.5), 1110 (43.7)*1	
180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	
19°	19°	19°	19°	19°	19°	
18°	18°	18°	18°	18°	18°	
985 - 1020 (2172 - 2249)	990 - 1025 (2183 - 2260)	985 - 1020 (2172 - 2249)	990 - 1055 (2183 - 2326)	980 - 1045 (2161 - 2304)	990 - 1005 (2183 - 2216)	
795 - 810 (1753 - 1786)	795 - 810 (1753 - 1786)	825 - 840 (1819 - 1852)	850 - 855 (1874 - 1885)	860 - 865 (1896 - 1907)	710 - 730 (1565 - 1609)	
1780 - 1830 (3924 - 4034)	1785 - 1835 (3935 - 4045)	1810 - 1860 (3990 - 4101)	1840 - 1910 (4057 - 4211)	1840 - 1910 (4057 - 4211)	1700 - 1735 (3748 - 3825)	
1315 - 1370 (2899 - 3020)	1320 - 1375 (2910 - 3031)	1320 - 1375 (2910 - 3031)	1360 - 1445 (2998 - 3186)	1350 - 1435 (2976 - 3164)	1325 - 1335 (2921 - 2943)	
1600 - 1655 (3527 - 3649)	1595 - 1650 (3516 - 3638)	1615 - 1670 (3560 - 3682)	1605 - 1690 (3538 - 3726)	1615 - 1700 (3560 - 3748)	1465 - 1475 (3230 - 3252)	
2970 (6548)	2970 (6548)	2970 (6548)	3050 (6724)	3050 (6724)	2800 (6173)	
70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	70 (15.4)	
—	—	—	—	—	—	
135 (84)	135 (84)	135 (84)	135 (84)	135 (84)	135 (84)	
—	—	—	—	—	—	
30 (19)	30 (19)	30 (19)	30 (19)	30 (19)	56 (35)	
51 (32)	51 (32)	51 (32)	51 (32)	51 (32)	95 (59)	
87 (54)	87 (54)	87 (54)	87 (54)	87 (54)	—	
—	—	—	—	—	—	
5.2 (17.1)	5.2 (17.1)	5.2 (17.1)	5.7 (18.7)	5.7 (18.7)	5.2 (17.1)	
5.8 (19.0)	5.8 (19.0)	5.8 (19.0)	6.3 (20.7)	6.3 (20.7)	5.8 (19.0)	
5L	5L	5L	5L	5L	5L-E	
OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	OHC, Belt Drive	
99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	99.5 x 96 (3.91 x 3.78)	
2986 (117.6)	2986 (117.6)	2986 (117.6)	2986 (117.6)	2986 (117.6)	2986 (117.6)	
22.2 : 1	22.2 : 1	22.2 : 1	22.2 : 1	22.2 : 1	22.2 : 1	
Distributor Type	Distributor Type	Distributor Type	Distributor Type	Distributor Type	Distributor Type	
50 or more	50 or more	50 or more	50 or more	50 or more	50 or more	
66 / 4000	66 / 4000, 62 / 4000*10	66 / 4000	66 / 4000	66 / 4000	66 / 4000	
192 / 2400	192 / 2400, 188 / 2400*10	192 / 2400	192 / 2400	192 / 2400	192 / 2400	
12 - 64, 12 - 55 x 2*6	12 - 64, 12 - 55 x 2*6, *7	12 - 64, 12 - 55 x 2*6	12 - 64, 12 - 55 x 2*6	12 - 64, 12 - 55 x 2*6	12 - 64, 12 - 55*6	
960	960	960	960	960	960	
2.2	2.2, 2.2*7	2.2	2.2	2.2	2.2	
Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	
G55	G55	G55	G55	G55	G56	
4.452	4.452	4.452	4.452	4.452	4.452	
2.619	2.619	2.619	2.619	2.619	2.398	
1.517	1.517	1.517	1.517	1.517	1.414	
1.000	1.000	1.000	1.000	1.000	1.000	
0.854	0.854	0.854	0.854	0.854	0.854	
4.472	4.472	4.472	4.472	4.472	4.472	
—	—	—	—	—	—	
— / 4.300	— / 4.300	— / 4.300	— / 4.300	— / 4.300	— / 4.300	
— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	— / 8.07	
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	
Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	Leading-Trailing Drum	
Single 10"	Single 10"	Single 10"	Single 10"	Single 10"	Tandem 8.5" + 8.5"	
LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	LSP and BV	
Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
Leaf Spring, Rigid	Leaf Spring, Rigid	Leaf Spring, Rigid	Liaf Spring, Rigid	Liaf Spring, Rigid	Leaf Spring, Rigid	
STD	STD	STD	STD	STD	STD	
—	—	—	—	—	—	
Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	
25.82, 18.68*5	25.82, 18.68*5	25.82, 18.68*5	18.68	18.68	25.82, 18.68*5	
Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	

Item			Area	General Countries		
Body Type				4-Door Van (Long)		
Vehicle Grade				GL		
Model Code				LH172R-RRMNE		
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4950 (194.9)	5	
		Width	mm (in.)	1690 (66.5), 1745 (68.7)*2		
		Height	mm (in.)	1945 (76.6)		
	Wheel Base		mm (in.)	2590 (102.0)		
	Tread	Front	mm (in.)	1450 (57.1), 1465 (57.7)*3	10	
		Rear	mm (in.)	1430 (56.3), 1445 (56.9)*3		
	Room	Length	mm (in.)	1990 (78.3)		
		Width	mm (in.)	1540 (60.6)		
		Height	mm (in.)	1345 (53.0)		
	Cargo Space	Length	mm (in.)	1965 (77.4)	15	
		Width	mm (in.)	1540 (60.6)		
		Height	mm (in.)	1345 (53.0)		
	Overhang	Front	mm (in.)	1205 (47.4)		
		Rear	mm (in.)	1155 (45.5)		
	Min. Running Ground Clearance			mm (in.)	180 (7.1)	
	Angle of Approach			degrees	18°	20
	Angle of Departure			degrees	18°	
	Performance	Curb Weight	Front	kg (lb)	995 - 1010 (2194 - 2227)	
			Rear	kg (lb)	710 - 730 (1565 - 1609)	
			Total	kg (lb)	1705 - 1740 (3759 - 3836)	
Gross Vehicle Weight		Front	kg (lb)	1330 - 1340 (2932 - 2954)	25	
		Rear	kg (lb)	1460 - 1470 (3219 - 3241)		
		Total	kg (lb)	2800 (6173)		
Fuel Tank Capacity		ℓ (Imp. gal.)	70 (15.4)			
Luggage Compartment Capacity		m ³ (cu.ft.)	—			
Engine		Max. Speed		km/h (mph)	135 (84)	30
	Max. Cruising Speed		km/h (mph)	—		
	Max. Permissible Speed	1st Gear	km/h (mph)	30 (18)	35	
		2nd Gear	km/h (mph)	56 (35)		
		3rd Gear	km/h (mph)	95 (59)		
		4th Gear	km/h (mph)	—		
Min. Turning Radius	Tire	m (ft.)	5.2 (17.1)			
	Body	m (ft.)	5.8 (19.0)			
Engine	Engine Type			5L-E	40	
	Valve Mechanism			OHC, Belt Drive		
	Bore x Stroke		mm (in.)	99.5 x 96 (3.91 x 3.78)		
	Displacement		cm ³ (cu.in.)	2986 (117.6)	45	
	Compression Ratio			22.2 : 1		
	Carburetor Type or Injection Pump Type (Diesel)			Distributor Type		
	Research Octane No. or Cetane No. (Diesel)			50 or more		
	Max. Output (EEC)		kw / rpm	66 / 4000		
	Max. Torque (EEC)		N·m / rpm	192 / 2400		
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 64, 12 - 55 x 2*6		
	Alternator Output		Watts	960		
	Starter Output		kW	2.2		
Chassis	Clutch Type			Dry, Single Plate, Diaphragm	50	
	Transmission Type			G56	55	
	Transmission Gear Ratio	In First		4.452		
		In Second		2.398		
		In Third		1.414		
		In Fourth		1.000		
		In Fifth		0.854		
	In Reverse			4.472		
	Transfer Gear Ratio H4 / L4			—		
	Differential Gear Ratio (Front / Rear)			— / 4.300	60	
	Differential Gear Size (Front / Rear)		in.	— / 8.07		
	Brake Type	Front		Ventilated Disc		
		Rear		Leading-Trailing Drum		
	Parking Brake Type			Leading-Trailing Drum		
	Brake Booster Type and Size		in.	Single 10"	65	
Proportioning Valve Type			LSP and BV			
Suspension Type	Front		Double Wishbone			
	Rear		Leaf Spring, Rigid			
Stabilizer Bar	Front		STD	70		
	Rear		—			
Steering Gear Type			Rack and Pinion			
Steering Gear Ratio (Overall)			25.82, 18.68*5			
Power Steering Type			Integral Type			

*2: With Snorkel Cleaner Air Duct

*5: With Power Steering

*3: With P195 / 70R15 Tire

*6: Option