

## MAJOR TECHNICAL SPECIFICATIONS

Item				Area				Europe					
Body Type				5-Door Wagon									
Vehicle Grade				LINEA TERRA				LINEA LUNA / BASE					
Model Code				NLP22L-CHMRXW		NLP22R-CHMRXW		NCP20L-CHMNKW		NCP20R-CHMNKW			
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	3860 (152.0)		3860 (152.0)		3860 (152.0)		3860 (152.0)		5	
		Width	mm (in.)	1690 (66.5), 1660 (65.4)*5		1690 (66.5), 1660 (65.4)*5		1690 (66.5), 1660 (65.4)*5		1690 (66.5), 1660 (65.4)*5			
		Height	mm (in.)	1680 (66.1), 1715 (67.5)*6		1680 (66.1), 1715 (67.5)*6		1680 (66.1), 1715 (67.5)*6		1680 (66.1), 1715 (67.5)*6			
	Wheel Base		mm (in.)	2500 (98.4)		2500 (98.4)		2500 (98.4)		2500 (98.4)			
	Tread	Front	mm (in.)	1440 (56.7)		1440 (56.7)		1440 (56.7)		1440 (56.7)			
		Rear	mm (in.)	1420 (55.9)		1420 (55.9)		1420 (55.9)		1420 (55.9)		10	
	Room	Length	mm (in.)	1905 (75.0)		1905 (75.0)		1905 (75.0)		1905 (75.0)			
		Width	mm (in.)	1370 (53.9)		1370 (53.9)		1370 (53.9)		1370 (53.9)			
		Height	mm (in.)	1290 (50.8)		1290 (50.8)		1290 (50.8), 1250 (49.2)*1		1290 (50.8), 1250 (49.2)*1			
	Overhang	Front	mm (in.)	725 (28.5)		725 (28.5)		725 (28.5)		725 (28.5)			
		Rear	mm (in.)	635 (25.0)		635 (25.0)		635 (25.0)		635 (25.0)		15	
	Min. Running Ground Clearance			mm (in.)	130 (5.1)		130 (5.1)		130 (5.1)		130 (5.1)		
	Angle of Approach			degrees	—		—		—		—		
	Angle of Departure			degrees	—		—		—		—		
	Curb Weight	Front	kg (lb)	—		—		—		—			
		Rear	kg (lb)	—		—		—		—		20	
		Total	kg (lb)	—		—		—		—			
	Gross Vehicle Weight	Front	kg (lb)	—		—		—		—			
		Rear	kg (lb)	—		—		—		—			
		Total	kg (lb)	—		—		—		—			
	Fuel Tank Capacity			ℓ (Imp.gal.)	45 (9.9)		45 (9.9)		45 (9.9)		45 (9.9)		25
	Luggage Compartment Capacity			m³ (cu.ft.)	0.39 (13.8)		0.39 (13.8)		0.39 (13.8)		0.39 (13.8)		
Performance	Max. Speed			km/h (mph)	160 (99)		160 (99)		165 (103)		165 (103)		
	Max. Cruising Speed			km/h (mph)	—		—		—		—		
	Acceleration	0 to 100 km/h	sec.	14.6		14.6		12.5		12.5			
		0 to 400 m	sec.	—		—		18.3		18.3		30	
	Max. Permissible Speed	1st Gear	km/h (mph)	38 (24)		38 (24)		44 (27)		44 (27)			
		2nd Gear	km/h (mph)	71 (44)		71 (44)		82 (51)		82 (51)			
		3rd Gear	km/h (mph)	103 (64)		103 (64)		119 (74)		119 (74)			
		4th Gear	km/h (mph)	139 (86)		139 (86)		151 (94)		151 (94)			
	Min. Turning Radius	Tire	m (ft.)	5.1 (16.7)		5.1 (16.7)		5.1 (16.7)		5.1 (16.7)		35	
		Body	m (ft.)	5.4 (17.7)		5.4 (17.7)		5.4 (17.7)		5.4 (17.7)			
Engine	Engine Type			1ND-TV		1ND-TV		2NZ-FE		2NZ-FE			
	Valve Mechanism			8-Valve, SOHC, Chain Drive		8-Valve, SOHC, Chain Drive		16-Valve, DOHC, Chain Drive		16-Valve, DOHC, Chain Drive			
	Bore x Stroke			mm (in.)	73.0 x 81.5 (2.87 x 3.21)		73.0 x 81.5 (2.87 x 3.21)		75.0 x 73.5 (2.95 x 2.89)		75.0 x 73.5 (2.95 x 2.89)		
	Displacement			cm³ (cu.in.)	1364 (83.2)		1364 (83.2)		1299 (79.3)		1299 (79.3)		40
	Compression Ratio			18.5 : 1		18.5 : 1		10.5 : 1		10.5 : 1			
	Carburetor Type or Injection Pump Type (Diesel)			Common-Rail Type		Common-Rail Type		EFI		EFI			
	Research Octane No. or Cetane No. (Diesel)			48		48		95		95			
	Max. Output (EEC)			kW / rpm	55 / 4000		55 / 4000		—		—		
	Max. Torque (EEC)			N·m / rpm	170 / 2000 - 2800		170 / 2000 - 2800		—		—		45
Engine Electrical	Battery Capacity (5HR)			Voltage & Amp. hr.	12 - 48, 12 - 55*3		12 - 48		12 - 27, 12 - 36*2		12 - 27, 12 - 36*2		
	Alternator Output			Watts	1080		1080		840, 960*2, 1080*2		840, 960*2		
Starter Output				kW	1.4, 2.0*2		1.4		0.8, 1.0*2		0.8, 1.0*2		
Chassis	Clutch Type			Dry, Single Plate, Diaphragm									
	Transaxle Type			C53									
	Transmission Gear Ratio	In First		3.545		3.545		3.545		3.545		50	
		In Second		1.904		1.904		1.904		1.904			
		In Third		1.310		1.310		1.310		1.310			
		In Fourth		0.969		0.969		1.031		1.031			
		In Fifth		0.725		0.725		0.864		0.864		55	
		In Reverse		3.250		3.250		3.250		3.250			
	Counter Gear Ratio			—									
	Differential Gear Ratio (Final)			3.941									
	Brake Type	Front		Ventilated Disc		Ventilated Disc		Ventilated Disc		Ventilated Disc			
		Rear		Leading-Trailing Drum / Solid Disc*2		Leading-Trailing, Drum		Leading-Trailing Drum / Solid Disc*2		Leading-Trailing Drum / Solid Disc*2		60	
	Parking Brake Type			Leading-Trailing Drum / Duo-Servo Drum*2									
	Brake Booster Type and Size			in.	Single, 9"		Single, 9"		Single, 9"		Single, 9"		
	Proportioning Valve Type			LSPV*4									
	Suspension Type	Front		MacPherson Strut		MacPherson Strut		MacPherson Strut		MacPherson Strut			
		Rear		Torsion Beam		Torsion Beam		Torsion Beam		Torsion Beam		65	
Stabilizer Bar	Front		STD		STD		STD		STD				
	Rear		STD		STD		STD		STD				
Steering Gear Type			Rack and Pinion										
Steering Gear Ratio (Overall)			17.1										
Power Steering Type			Integral Type										
											70		

\*1: With Moon Roof

\*3: For Cold Area Spec

\*5: Without Wheel Arch Molding

\*7: Hong Kong only

\*2: Option

\*4: Without ABS

\*6: With Roof Rail

Europe						
5-Door Wagon						
LINEA LUNA / BASE						
	NCP20L-CHPNKW	NCP20R-CHPNKW	NCP20R-CHSNKW*7	NCP21L-CHMNKW	NCP21R-CHMNKW	NLP20L-CHMNXW
5	3860 (152.0)	3860 (152.0)	3860 (152.0)	3860 (152.0)	3860 (152.0)	3860 (152.0)
	1690 (66.5), 1660 (65.4)*5	1690 (66.5), 1660 (65.4)*5	1690 (66.5), 1660 (65.4)*5	1690 (66.5), 1660 (65.4)*5	1690 (66.5), 1660 (65.4)*5	1690 (66.5), 1660 (65.4)*5
	1680 (66.1), 1715 (67.5)*6	1680 (66.1), 1715 (67.5)*6	1680 (66.1), 1715 (67.5)*6	1680 (66.1), 1715 (67.5)*6	1680 (66.1), 1715 (67.5)*6	1680 (66.1), 1715 (67.5)*6
10	2500 (98.4)	2500 (98.4)	2500 (98.4)	2500 (98.4)	2500 (98.4)	2500 (98.4)
	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)
	1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)
	1905 (75.0)	1905 (75.0)	1905 (75.0)	1905 (75.0)	1905 (75.0)	1905 (75.0)
	1370 (53.9)	1370 (53.9)	1370 (53.9)	1370 (53.9)	1370 (53.9)	1370 (53.9)
	1290 (50.8), 1250 (49.2)*1	1290 (50.8), 1250 (49.2)*1	1290 (50.8), 1250 (49.2)*1	1290 (50.8), 1250 (49.2)*1	1290 (50.8), 1250 (49.2)*1	1290 (50.8), 1250 (49.2)*1
15	725 (28.5)	725 (28.5)	725 (28.5)	725 (28.5)	725 (28.5)	725 (28.5)
	635 (25.0)	635 (25.0)	635 (25.0)	635 (25.0)	635 (25.0)	635 (25.0)
	130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)
20	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
25	45 (9.9)	45 (9.9)	45 (9.9)	45 (9.9)	45 (9.9)	45 (9.9)
	0.39 (13.8)	0.39 (13.8)	0.39 (13.8)	0.39 (13.8)	0.39 (13.8)	0.39 (13.8)
	155 (96)	155 (96)	155 (96)	175 (109)	175 (109)	175 (109)
30	—	—	—	—	—	—
	13.8	13.8	13.8	11.8	11.8	11.8
	19.1	19.1	19.1	—	—	—
	51 (32)	51 (32)	51 (32)	44 (27)	44 (27)	44 (27)
	94 (58)	94 (58)	94 (58)	82 (51)	82 (51)	82 (51)
	—	—	—	119 (74)	119 (74)	119 (74)
35	—	—	—	151 (94)	151 (94)	151 (94)
	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)
	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)
	2NZ-FE	2NZ-FE	2NZ-FE	1NZ-FE	1NZ-FE	1ND-TV
	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	8-Valve, SOHC, Chain Drive
	75.0 x 73.5 (2.95 x 2.89)	75.0 x 73.5 (2.95 x 2.89)	75.0 x 73.5 (2.95 x 2.89)	75.0 x 84.7 (2.95 x 3.33)	75.0 x 84.7 (2.95 x 3.33)	73.0 x 81.5 (2.87 x 3.21)
40	1299 (79.3)	1299 (79.3)	1299 (79.3)	1497 (91.4)	1497 (91.4)	1364 (83.2)
	10.5 : 1	10.5 : 1	10.5 : 1	10.5 : 1	10.5 : 1	18.5 : 1
	EFI	EFI	EFI	EFI	EFI	Common-Rail Type
	95	95	95	95	95	48
	—	—	—	77 / 6000	77 / 6000	77 / 6000
	—	—	—	143 / 4200	143 / 4200	170 / 2000 - 2800
45	12 - 36	12 - 36	12 - 36	12 - 27, 12 - 36*3	12 - 27, 12 - 36*3	12 - 48, 12 - 55*3
	840, 960*2, 1080*2	840, 960*2	840, 960*2	960, 1080*3	960	1080
	1.0, 1.6*2	1.0	1.0	0.8, 1.0*2	0.8, 1.0*2	1.4, 2.0*1
	—	—	—	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm
	U441E	U441E	U441E	C54	C54	C53
	2.875	2.875	2.875	3.545	3.545	3.545
50	1.568	1.568	1.568	1.904	1.904	1.904
	1.000	1.000	1.000	1.310	1.310	1.310
	0.697	0.697	0.697	1.031	1.031	0.969
	—	—	—	0.864	0.864	0.725
	2.300	2.300	2.300	3.250	3.250	3.250
	1.019	1.019	1.019	—	—	—
55	4.277	4.277	4.277	4.058	4.058	3.941
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Leading-Trailing Drum / Solid Disc*2	Leading-Trailing Drum / Solid Disc*2	Leading-Trailing, Drum	Leading-Trailing Drum / Solid Disc*2	Leading-Trailing Drum / Solid Disc*2	Leading-Trailing Drum / Solid Disc*2
	Leading-Trailing Drum / Duo-Servo Drum*2	Leading-Trailing Drum / Duo-Servo Drum*2	Leading-Trailing, Drum	Leading-Trailing Drum / Duo-Servo Drum*2	Leading-Trailing Drum / Duo-Servo Drum*2	Leading-Trailing Drum / Duo-Servo Drum*2
	Single, 9"	Single, 9"	Single, 9"	Single, 9"	Single, 9"	Single, 9"
	LSPV*4	LSPV*4	—	LSPV*4	LSPV*4	LSPV*4
60	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam
	STD	STD	STD	STD	STD	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
	17.1	16.7	16.7	17.1	16.7	17.1
70	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type

Item			Area	Europe					
Body Type			5-Door Wagon						
Vehicle Grade			LINEA LUNA / BASE		LINEA SOL				
Model Code			NLP20R-CHMNXW	NCP20L-CHMGKW	NCP20R-CHMGKW	NCP20L-CHPGKW			
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	3860 (152.0)	3860 (152.0)	3860 (152.0)	3860 (152.0)	5	
		Width	mm (in.)	1690 (66.5), 1660 (65.4)* <sup>5</sup>	1690 (66.5)	1690 (66.5)	1690 (66.5)		
		Height	mm (in.)	1680 (66.1), 1715 (67.5)* <sup>6</sup>	1680 (66.1), 1715 (67.5)* <sup>6</sup>	1680 (66.1), 1715 (67.5)* <sup>6</sup>	1680 (66.1), 1715 (67.5)* <sup>6</sup>		
	Wheel Base		mm (in.)	2500 (98.4)	2500 (98.4)	2500 (98.4)	2500 (98.4)		
	Tread	Front	mm (in.)	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)		
		Rear	mm (in.)	1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)	10	
	Room	Length	mm (in.)	1905 (75.0)	1905 (75.0)	1905 (75.0)	1905 (75.0)		
		Width	mm (in.)	1370 (53.9)	1370 (53.9)	1370 (53.9)	1370 (53.9)		
		Height	mm (in.)	1290 (50.8), 1250 (49.2)* <sup>1</sup>	1290 (50.8), 1250 (49.2)* <sup>1</sup>	1290 (50.8), 1250 (49.2)* <sup>1</sup>	1290 (50.8), 1250 (49.2)* <sup>1</sup>		
	Overhang	Front	mm (in.)	725 (28.5)	725 (28.5)	725 (28.5)	725 (28.5)		
		Rear	mm (in.)	635 (25.0)	635 (25.0)	635 (25.0)	635 (25.0)	15	
	Min. Running Ground Clearance		mm (in.)	130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)		
	Angle of Approach		degrees	—	—	—	—		
	Angle of Departure		degrees	—	—	—	—		
	Curb Weight	Front	kg (lb)	—	—	—	—		
		Rear	kg (lb)	—	—	—	—	20	
		Total	kg (lb)	—	—	—	—		
	Gross Vehicle Weight	Front	kg (lb)	—	—	—	—		
		Rear	kg (lb)	—	—	—	—		
		Total	kg (lb)	—	—	—	—		
Fuel Tank Capacity		ℓ (Imp.gal.)	45 (9.9)	45 (9.9)	45 (9.9)	45 (9.9)	25		
Luggage Compartment Capacity		m <sup>3</sup> (cu.ft.)	0.39 (13.8)	0.39 (13.8)	0.39 (13.8)	0.39 (13.8)			
Max. Speed			km/h (mph)	175 (109)	165 (103)	165 (103)	155 (96)		
Max. Cruising Speed			km/h (mph)	—	—	—	—		
Performance	Acceleration	0 to 100 km/h	sec.	11.8	12.5	12.5	13.8		
		0 to 400 m	sec.	—	18.3	18.3	19.1	30	
	Max. Permissible Speed	1st Gear	km/h (mph)	44 (27)	44 (27)	44 (27)	51 (32)		
		2nd Gear	km/h (mph)	82 (51)	82 (51)	82 (51)	94 (58)		
		3rd Gear	km/h (mph)	119 (74)	119 (74)	119 (74)	—		
		4th Gear	km/h (mph)	151 (94)	151 (94)	151 (94)	—		
	Min. Turning Radius	Tire	m (ft.)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	35	
		Body	m (ft.)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)		
	Engine	Engine Type			1ND-TV	2NZ-FE	2NZ-FE	2NZ-FE	
Valve Mechanism			8-Valve, SOHC, Chain Drive	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive			
Bore x Stroke		mm (in.)	73.0 x 81.5 (2.87 x 3.21)	75.0 x 73.5 (2.95 x 2.89)	75.0 x 73.5 (2.95 x 2.89)	75.0 x 73.5 (2.95 x 2.89)			
Displacement		cm <sup>3</sup> (cu.in.)	1364 (83.2)	1299 (79.3)	1299 (79.3)	1299 (79.3)	40		
Compression Ratio			18.5 : 1	10.5 : 1	10.5 : 1	10.5 : 1			
Carburetor Type or Injection Pump Type (Diesel)			Common-Rail Type	EFI	EFI	EFI			
Research Octane No. or Cetane No. (Diesel)			48	95	95	95			
Max. Output (EEC)		kW / rpm	55 / 4000	—	—	—			
Max. Torque (EEC)		N·m / rpm	170 / 2000 - 2800	—	—	—	45		
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp. hr.	12 - 48	12 - 27, 12 - 36* <sup>2</sup>	12 - 27, 12 - 36* <sup>2</sup>	12 - 36		
	Alternator Output		Watts	1080	960, 1080* <sup>2</sup>	960	960, 1080* <sup>2</sup>		
	Starter Output		kW	1.4	0.8, 1.0* <sup>2</sup>	0.8, 1.0* <sup>2</sup>	1.0, 1.6* <sup>2</sup>		
Chassis	Clutch Type			Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	—		
	Transaxle Type			C53	C154	C154	U441E	50	
	Transmission Gear Ratio	In First		3.545	3.545	3.545	2.875		
		In Second		1.904	1.904	1.904	1.568		
		In Third		1.310	1.310	1.310	1.000		
		In Fourth		0.969	1.031	1.031	0.697		
		In Fifth		0.725	0.864	0.864	—	55	
		In Reverse		3.250	3.250	3.250	2.300		
	Counter Gear Ratio			—	—	—	1.019		
	Differential Gear Ratio (Final)			3.941	4.058	4.058	4.277		
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc		
		Rear		Leading-Trailing, Drum	Leading-Trailing Drum / Solid Disc* <sup>2</sup>	Leading-Trailing Drum / Solid Disc* <sup>2</sup>	Leading-Trailing Drum / Solid Disc* <sup>2</sup>	60	
	Parking Brake Type			Leading-Trailing, Drum	Leading-Trailing Drum / Duo-Servo Drum* <sup>2</sup>	Leading-Trailing Drum / Duo-Servo Drum* <sup>2</sup>	Leading-Trailing Drum / Duo-Servo Drum* <sup>2</sup>		
	Brake Booster Type and Size		in.	Single, 9”	Single, 9”	Single, 9”	Single, 9”		
	Proportioning Valve Type			LSPV* <sup>4</sup>	LSPV* <sup>4</sup>	LSPV* <sup>4</sup>	LSPV* <sup>4</sup>		
	Suspension Type	Front		MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut		
		Rear		Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam	65	
	Stabilizer Bar	Front		STD	STD	STD	STD		
		Rear		STD	STD	STD	STD		
	Steering Gear Type			Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion		
Steering Gear Ratio (Overall)			16.7	17.1	16.7	17.1			
Power Steering Type			Integral Type	Integral Type	Integral Type	Integral Type	70		

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\*3: For Cold Area Spec

\*5: Without Wheel Arch Molding

\*7: Hong Kong only

\*2: Option

\*4: Without ABS

\*6: With Roof Rail

Europe					
5-Door Wagon					
LINEA SOL					LINEA TERRA
NCP20R-CHPGKW	NCP21L-CHMGKW	NCP21R-CHMGKW	NLP20L-CHMGXW	NLP20R-CHMGXW	NCP22L-CHMRKW
3860 (152.0)	3860 (152.0)	3860 (152.0)	3860 (152.0)	3860 (152.0)	3860 (152.0)
1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5)	1690 (66.5), 1660 (65.4)*5
1680 (66.1), 1715 (67.5)*6	1680 (66.1), 1715 (67.5)*6	1680 (66.1), 1715 (67.5)*6	1680 (66.1), 1715 (67.5)*6	1680 (66.1), 1715 (67.5)*6	1680 (66.1), 1715 (67.5)*6
2500 (98.4)	2500 (98.4)	2500 (98.4)	2500 (98.4)	2500 (98.4)	2500 (98.4)
1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)	1440 (56.7)
1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)
1905 (75.0)	1905 (75.0)	1905 (75.0)	1905 (75.0)	1905 (75.0)	1905 (75.0)
1370 (53.9)	1370 (53.9)	1370 (53.9)	1370 (53.9)	1370 (53.9)	1370 (53.9)
1290 (50.8), 1250 (49.2)*1	1290 (50.8), 1250 (49.2)*1	1290 (50.8), 1250 (49.2)*1	1290 (50.8), 1250 (49.2)*1	1290 (50.8), 1250 (49.2)*1	1290 (50.8)
725 (28.5)	725 (28.5)	725 (28.5)	725 (28.5)	725 (28.5)	725 (28.5)
635 (25.0)	635 (25.0)	635 (25.0)	635 (25.0)	635 (25.0)	635 (25.0)
130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
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—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
45 (9.9)	45 (9.9)	45 (9.9)	45 (9.9)	45 (9.9)	45 (9.9)
0.39 (13.8)	0.39 (13.8)	0.39 (13.8)	0.39 (13.8)	0.39 (13.8)	107 (37.7)
155 (96)	175 (109)	175 (109)	160 (99)	160 (99)	165 (103)
—	—	—	—	—	—
13.8	11.8	11.8	14.6	14.6	12.5
19.1	—	—	—	—	18.3
51 (32)	44 (27)	44 (27)	38 (24)	38 (24)	44 (27)
94 (58)	82 (51)	82 (51)	71 (44)	71 (44)	82 (51)
—	119 (74)	119 (74)	103 (64)	103 (64)	119 (74)
—	151 (94)	151 (94)	139 (86)	139 (86)	151 (94)
5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)	5.1 (16.7)
5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)	5.4 (17.7)
2NZ-FE	1NZ-FE	1NZ-FE	1ND-TV	1ND-TV	2NZ-FE
16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	8-Valve, SOHC, Chain Drive	8-Valve, SOHC, Chain Drive	16-Valve, DOHC, Chain Drive
75.0 x 73.5 (2.95 x 2.89)	75.0 x 84.7 (2.95 x 3.33)	75.0 x 84.7 (2.95 x 3.33)	73.0 x 81.5 (2.87 x 3.21)	73.0 x 81.5 (2.87 x 3.21)	75.0 x 73.5 (2.95 x 2.89)
1299 (79.3)	1497 (91.3)	1497 (91.4)	1364 (83.2)	1364 (83.2)	1299 (79.3)
10.5 : 1	10.5 : 1	10.5 : 1	18.5 : 1	18.5 : 1	10.5 : 1
Common-Rail Type	Common-Rail Type	Common-Rail Type	Common-Rail Type	Common-Rail Type	EFI
95	95	95	48	48	95
—	77 / 6000	77 / 6000	55 / 4000	55 / 4000	—
—	143 / 4200	143 / 4200	170 / 2000 - 2800	170 / 2000 - 2800	—
12 - 36	12 - 27, 12 - 36*3	12 - 27, 12 - 36*3	12 - 48, 12 - 55*3	12 - 48	12 - 27, 12 - 36*2
960	960, 1080*3	960	1080	1080	840, 960*2, 1080*2
1.0	0.8, 1.0*2	0.8, 1.0*2	1.4, 2.0*2	1.4	0.8, 1.0*2
—	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm
U441E	C54	C54	C53	C53	C154
2.875	3.545	3.545	3.545	3.545	3.545
1.568	1.904	1.904	1.904	1.904	1.904
1.000	1.310	1.310	1.310	1.310	1.310
0.697	1.031	1.031	0.969	0.969	1.031
—	0.864	0.864	0.725	0.725	0.864
2.300	3.250	3.250	3.250	3.250	3.250
1.019	—	—	—	—	—
4.277	4.058	4.058	3.941	3.941	4.058
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Leading-Trailing Drum / Solid Disc*2	Leading-Trailing Drum / Solid Disc*2	Leading-Trailing Drum / Solid Disc*2	Leading-Trailing Drum / Solid Disc*2	Leading-Trailing, Drum	Leading-Trailing Drum / Solid Disc*2
Leading-Trailing Drum / Duo-Servo Drum*2	Leading-Trailing Drum / Duo-Servo Drum*2	Leading-Trailing Drum / Duo-Servo Drum*2	Leading-Trailing Drum / Duo-Servo Drum*2	Leading-Trailing, Drum	Leading-Trailing Drum / Duo-Servo Drum*2
Single, 9"	Single, 9"	Single, 9"	Single, 9"	Single, 9"	Single, 9"
LSPV*4	LSPV*4	LSPV*4	LSPV*4	LSPV*4	LSPV*4
MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam	Torsion Beam
STD	STD	STD	STD	STD	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
16.7	17.1	16.7	17.1	16.7	17.1
Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type

Item		Area	Europe	
Body Type			5-Door Wagon	
Vehicle Grade			LINEA TERRA	
Model Code			NCP22R-CHMRKW	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	3860 (152.0)	5
		Width mm (in.)	1690 (66.5), 1660 (65.4)* <sup>5</sup>	
		Height mm (in.)	1680 (66.1), 1715 (67.5)* <sup>6</sup>	
	Wheel Base mm (in.)		2500 (98.4)	
	Tread	Front mm (in.)	1440 (56.7)	10
		Rear mm (in.)	1420 (55.9)	
	Room	Length mm (in.)	1905 (75.0)	
		Width mm (in.)	1370 (53.9)	
		Height mm (in.)	1290 (50.8)	
	Overhang	Front mm (in.)	725 (28.5)	15
		Rear mm (in.)	635 (25.0)	
	Min. Running Ground Clearance mm (in.)		130 (5.1)	
	Angle of Approach degrees		—	
	Angle of Departure degrees		—	
	Curb Weight	Front kg (lb)	—	20
		Rear kg (lb)	—	
		Total kg (lb)	—	
	Gross Vehicle Weight	Front kg (lb)	—	
		Rear kg (lb)	—	
		Total kg (lb)	—	
Performance	Fuel Tank Capacity ℓ (Imp.gal.)		45 (9.9)	25
	Luggage Compartment Capacity m <sup>3</sup> (cu.ft.)		107 (37.7)	
	Max. Speed km/h (mph)		165 (103)	
	Max. Cruising Speed km/h (mph)		—	
	Acceleration	0 to 100 km/h sec.	12.5	30
		0 to 400 m sec.	18.3	
	Max. Permissible Speed	1st Gear km/h (mph)	44 (27)	
		2nd Gear km/h (mph)	82 (51)	
		3rd Gear km/h (mph)	119 (74)	
		4th Gear km/h (mph)	151 (94)	
	Min. Turning Radius	Tire m (ft.)	5.1 (16.7)	35
		Body m (ft.)	5.4 (17.7)	
Engine	Engine Type		2NZ-FE	
	Valve Mechanism		16-Valve, DOHC, Chain Drive	
	Bore x Stroke mm (in.)		75.0 x 73.5 (2.95 x 2.89)	40
	Displacement cm <sup>3</sup> (cu.in.)		1299 (79.3)	
	Compression Ratio		10.5 : 1	
	Carburetor Type or Injection Pump Type (Diesel)		EFI	
	Research Octane No. or Cetane No. (Diesel)		95	
	Max. Output (EEC) kW / rpm		—	45
	Max. Torque (EEC) N·m / rpm		—	
Engine Electrical	Battery Capacity (5HR) Voltage & Amp. hr.		12 - 27, 12 - 36* <sup>2</sup>	
	Alternator Output Watts		840, 960* <sup>2</sup>	
	Starter Output kW		0.8, 1.0* <sup>2</sup>	
Chassis	Clutch Type		Dry, Single Plate, Diaphragm	
	Transaxle Type		C154	50
	Transmission Gear Ratio	In First	3.545	55
		In Second	1.904	
		In Third	1.310	
		In Fourth	1.031	
		In Fifth	0.864	
		In Reverse	3.250	
	Counter Gear Ratio		—	
	Differential Gear Ratio (Final)		4.058	
	Brake Type	Front	Ventilated Disc	60
		Rear	Leading-Trailing Drum / Solid Disc* <sup>2</sup>	
	Parking Brake Type		Leading-Trailing Drum / Duo-Servo Drum* <sup>2</sup>	
	Brake Booster Type and Size in.		Single, 9"	
	Proportioning Valve Type		LSPV* <sup>4</sup>	
	Suspension Type	Front	MacPherson Strut	65
		Rear	Torsion Beam	
	Stabilizer Bar	Front	STD	
		Rear	STD	
	Steering Gear Type		Rack and Pinion	
	Steering Gear Ratio (Overall)		16.7	
	Power Steering Type		Integral Type	70

\*2: Option

\*6: With Roof Rail

\*5: Without Wheel Arch Molding