

Technical Data - US. MINI Paceman (R61).

-for internal use only-

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		CooperS Paceman	CooperS Paceman	John Cooper Works Paceman	John Cooper Works Paceman	Cooper Paceman	Cooper Paceman
		N18B16M0 automatic transmission 6	N18B16M0 manual transmission 6	N18B16T0 automatic transmission 6	N18B16T0 manual transmission 6	N16B16M0 automatic transmission 6	N16B16M0 manual transmission 6
Engine type		N18B16M0	N18B16M0	N18B16T0	N18B16T0	N16B16M0	N16B16M0
Transmission type		automatic transmission 6	manual transmission 6	automatic transmission 6	manual transmission 6	automatic transmission 6	manual transmission 6
No of Doors / Seats		3 / 4	3 / 4	3 / 4	3 / 4	3 / 4	3 / 4
Veh. length	mm / inch	4120 / 162.2	4120 / 162.2	4120 / 162.2	4120 / 162.2	4120 / 162.2	4120 / 162.2
Veh. width	mm / inch	1786 / 70.3	1786 / 70.3	1786 / 70.3	1786 / 70.3	1786 / 70.3	1786 / 70.3
Veh. height	mm / inch	1522 / 59.9	1522 / 59.9	1527 / 60.1	1527 / 60.1	1518 / 59.8	1518 / 59.8
Wheelbase	mm / inch	2596 / 102.2	2596 / 102.2	2596 / 102.2	2596 / 102.2	2596 / 102.2	2596 / 102.2
Turning circle	m / ft	11.6 / 38.1	11.6 / 38.1	11.6 / 38.1	11.6 / 38.1	11.6 / 38.1	11.6 / 38.1
Ground clearance	mm / inch	124 / 4.9	124 / 4.9	107 / 4.2	107 / 4.2	135 / 5.3	135 / 5.3
Shoulder width front	mm / inch	1335 / 52.6	1335 / 52.6	1335 / 52.6	1335 / 52.6	1335 / 52.6	1335 / 52.6
Shoulder width rear	mm / inch	1321 / 52	1321 / 52	1321 / 52	1321 / 52	1321 / 52	1321 / 52
Legroom front	mm / inch	/	/	/	/	/	/
Legroom rear	mm / inch	/	/	/	/	/	/
Max. headroom front	mm / inch	1022 / 40.2	1022 / 40.2	1022 / 40.2	1022 / 40.2	1022 / 40.2	1022 / 40.2
Max. headroom rear	mm / inch	941 / 37	941 / 37	941 / 37	941 / 37	941 / 37	941 / 37
Luggage comp. capacity (official)	m³ / ft³	0,330-1,080 / 11,7-38,1	0,330-1,080 / 11,7-38,1	0,330-1,080 /	0,330-1,080 /	0,330-1,080 / 11,7-38,1	0,330-1,080 / 11,7-38,1
Luggage vol. (SAE) - only for homologation	ft³	13.9	13.9	13.9	13.9	13.9	13.9
Fuel tank capacity	liter / gal	47 / 12.4	47 / 12.4	47 / 12.4	47 / 12.4	47 / 12.4	47 / 12.4
Curb weight (US)	Kg / lbs	1411 / 3110	1393 / 3070	1501 / 3310	1479 / 3260	1365 / 3010	1334 / 2940
Weight distribution (empty car)	%	39.9	40.4	40.5	41.1	42.2	42.2
Gross veh. weight	Kg / lbs	1819 / 4010	1796 / 3960	1905 / 4200	1882 / 4150	1778 / 3920	1746 / 3850
Payload	Kg / lbs	386 / 850	386 / 850	386 / 850	386 / 850	386 / 850	386 / 850
Axle load limit front	Kg / lbs	984 / 2170	962 / 2120	1016 / 2240	998 / 2200	930 / 2050	930 / 2050
Axle load limit rear	Kg / lbs	866 / 1910	866 / 1910	934 / 2060	934 / 2060	866 / 1910	866 / 1910
Roof load	Kg / lbs	/	/	/	/	/	/
Engine type / Cylinders / Valves p.cyl.		in line / 4 / 4 MEVD 17.2.2	in line / 4 / 4 MEVD 17.2.2	in line / 4 / 4 MEVD 17.2.2	in line / 4 / 4 MEVD 17.2.2	in line / 4 / 4 MEVD 17.2.2	in line / 4 / 4 MEVD 17.2.2
Fuel management		TwinScroll Turbo / TwinScroll Turbo Technology	TwinScroll Turbo / TwinScroll Turbo Technology	TwinPower Turbo / TwinScroll Turbo Technology	TwinPower Turbo / TwinScroll Turbo Technology	- / -	- / -
Charging Type / Charging Technique	/	High precision direct injection / DI2,WVT	High precision direct injection / DI2,WVT	High precision direct injection / DI2,WVT	High precision direct injection / DI2,WVT	Fuel injection / VVT	Fuel injection / VVT
Injection type / Injection technique	/	High precision direct injection / DI2,WVT	High precision direct injection / DI2,WVT	High precision direct injection / DI2,WVT	High precision direct injection / DI2,WVT	Fuel injection / VVT	Fuel injection / VVT
Displacement	cm³ / inch	1598 / 98	1598 / 98	1598 / 98	1598 / 98	1598 / 98	1598 / 98
Stroke	mm / inch	85.8 / 3.4	85.8 / 3.4	85.8 / 3.4	85.8 / 3.4	85.8 / 3.4	85.8 / 3.4
Bore	mm / inch	77 / 3	77 / 3	77 / 3	77 / 3	77 / 3	77 / 3
Engine power / at rpm	bHP / 1/min	181 / 5500	181 / 5500	208 / 6000	208 / 6000	121 / 6000	121 / 6000
Engine torque / at rpm	ft lbs (Nm) / 1/min	77 (240) / (Overboost: 260Nm/1700-4500 1/min) / 1600-5000	77 (240) / (Overboost: 260Nm/1700-4500 1/min) / 1600-5000	107 (280) / (Overboost: 300Nm/2100-4500 1/min) / 1900-5000	107 (280) / (Overboost: 300Nm/2100-4500 1/min) / 1900-5000	118 (160) / (Overboost: 260Nm/1700-4500 1/min) / 4250	118 (160) / (Overboost: 260Nm/1700-4500 1/min) / 4250
Compression rate / Fuel type (recomm.)	/:1	10.5 / ROZ91-98 (ROZ95)	10.5 / ROZ91-98 (ROZ95)	10.5 / ROZ91-98 (ROZ95)	10.5 / ROZ91-98 (ROZ95)	11 / ROZ91-98 (ROZ95)	11 / ROZ91-98 (ROZ95)
Type of gearbox		F21 TU ANH	G253 TU	F6 21 TU	G253 TU	F21 TU ANJ	G255
Gear ratios 1st gear / 2nd / 3rd / 4th	/ / / /	4.044 / 2.371 / 1.556 / 1.159	3.308 / 2.13 / 1.483 / 1.139	4.044 / 2.371 / 1.556 / 1.159	3.308 / 2.13 / 1.483 / 1.139	4.148 / 2.37 / 1.556 / 1.155	3.214 / 1.792 / 1.194 / 0.914
5th / Gear ratio V1 / 7th / 8th	/ / / /	0.852 / 0.672 / / /	0.949 / 0.816 / / /	0.852 / 0.672 / / /	0.949 / 0.816 / 1 / 1	0.859 / 0.686 / / /	0.784 / 0.683 / / /
Reverse gear		3.193	3.231	3.193	3.231	3.394	3.143
Final drive		3.683	3.706	3.683	3.706	4.643	4.722
Steering type / Steering transmission, over	/:1	rack-and-pinion (EPS)/ disc ventilated disc	rack-and-pinion (EPS)/ disc ventilated disc	rack-and-pinion (EPS)/ disc ventilated disc	rack-and-pinion (EPS)/ disc ventilated disc	rack-and-pinion (EPS)/ disc ventilated disc	rack-and-pinion (EPS)/ disc ventilated disc
Front brake		disc	disc	disc	disc	disc	disc
Rear brake		disc	disc	disc	disc	disc	disc
Cx // A	// m² / ft²	0.36 // 2.32 / 24.97	0.36 // 2.32 / 24.97	0.36 // 2.32 / 24.97	0.36 // 2.32 / 24.97	0.35 // 2.33 / 25.08	0.35 // 2.33 / 25.08
Air resistance	m² / ft²	0.84 / 8.99	0.84 / 8.99	0.84 / 8.99	0.84 / 8.99	0.82 / 8.78	0.82 / 8.78
Top speed	Km/h / mph	205 / 127	205 / 127	205 / 127	205 / 127	184 / 114	188 / 117
Top speed optional		/	/	/	/	/	/
Acceleration 0-60 mph	s	7.3	6.9	6.5	6.5	10.8	9.7
Acceleration 0-100Km/h	s	7.7	7.4	6.9	6.9	11.5	10.6
Acceleration 0-1000m	s	28.3	28	27.4	27.4	33.2	32.1
Fuel cons. city (official EPA)	mpg	/	/	/	/	/	/
Fuel cons. highway (official EPA)	mpg	/	/	/	/	/	/
Fuel cons. combined (official EPA)	mpg	/	/	/	/	/	/
Fuel cons. city (acc. FTP)	mpg / L/100Km	/	/	/	/	/	/
Fuel cons. highway (acc. FTP)	mpg / L/100Km	/	/	/	/	/	/
Fuel cons. combined (acc. FTP)	mpg / L/100Km	/	/	/	/	/	/
Range	miles	/	/	/	/	/	/
Front tyres		205/55 R17 91V	205/55 R17 91V	225/45 R18 91V	225/45 R18 91V	205/60 R16 92H	205/60 R16 92H
Rear tyres		205/55 R17 91V	205/55 R17 91V	225/45 R18 91V	225/45 R18 91V	205/60 R16 92H	205/60 R16 92H
Front rims		7J x 17 LM	7J x 17 LM	7.5J x 18	7.5J x 18	6.5J x 16 LM	6.5J x 16 LM
Rear rims		7J x 17 LM	7J x 17 LM	7.5J x 18	7.5J x 18	6.5J x 16 LM	6.5J x 16 LM
Run flat tyres		yes	yes	yes	yes	no	no
Track front	mm / inch	1525 / 60	1525 / 60	1527 / 60.1	1527 / 60.1	1534 / 60.4	/
Track rear	mm / inch	1551 / 61.1	1551 / 61.1	1554 / 61.2	1554 / 61.2	1559 / 61.4	/
Wheel offset front / rear	mm / mm	50 / 50	50 / 50	52 / 52	52 / 52	46 / 46	46 / 46
Cooling system incl. Heater / Engine oil (filler)	liter/quarts // Uq.	6.5/6.9 // 4.2/4.4	6/6.3 // 4.2/4.4	6.5/6.9 // 4.2/4.4	6.5/6.9 // 4.2/4.4	6.5/6.9 // 4.2/4.4	6/6.3 // 4.2/4.4
Transmission fluid		permanent	permanent	permanent	permanent	permanent	permanent
Battery / Battery position	Ah /	55 / engine compartement	55 / engine compartement	55 / engine compartement	55 / engine compartement	55 / engine compartement	55 / engine compartement
Alternator	A / W	120 / 1680	120 / 1680	120 / 1680	120 / 1680	120 / 1680	120 / 1680

** exchange quantity

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		CooperS Paceman	CooperS Paceman
		-ALL4-	-ALL4-
		N18B16M0 automatic transmission 6	N18B16M0 manual transmission 6
Engine type			
Transmission type			
No of Doors / Seats	/	3 / 4	3 / 4
Veh. length	mm / inch	4120 / 162.2	4120 / 162.2
Veh. width	mm / inch	1786 / 70.3	1786 / 70.3
Veh. height	mm / inch	1522 / 59.9	1522 / 59.9
Wheelbase	mm / inch	2596 / 102.2	2596 / 102.2
Turning circle	m / ft	11.6 / 38.1	11.6 / 38.1
Ground clearance	mm / inch	124 / 4.9	124 / 4.9
Shoulder width front	mm / inch	1335 / 52.6	1335 / 52.6
Shoulder width rear	mm / inch	1321 / 52	1321 / 52
Legroom front	mm / inch	/	/
Legroom rear	mm / inch	/	/
Max. headroom front	mm / inch	1022 / 40.2	1022 / 40.2
Max. headroom rear	mm / inch	941 / 37	941 / 37
Luggage comp. capacity (official)	m³ / ft³	0,330-1,080 / 11,7-38,1	0,330-1,080 / 11,7-38,1
Luggage vol. (SAE) - only for homologation	ft³	13.9	13.9
Fuel tank capacity	liter / gal	47 / 12.4	47 / 12.4
Curb weight (US)	Kg / lbs	1479 / 3260	1456 / 3210
Weight distribution (empty car)	%	41.1	41.7
Gross veh. weight	Kg / lbs	1878 / 4140	1860 / 4100
Payload	Kg / lbs	386 / 850	386 / 850
Axle load limit front	Kg / lbs	1007 / 2220	989 / 2180
Axle load limit rear	Kg / lbs	916 / 2020	916 / 2020
Roof load	Kg / lbs	/	/
Engine type / Cylinders / Valves p.cyl.		in line / 4 / 4 MEVD 17.2.2	in line / 4 / 4 MEVD 17.2.2
Fuel management		TwinScroll Turbo / TwinScroll Turbo Technology	TwinScroll Turbo / TwinScroll Turbo Technology
Charging Type / Charging Technique	/	High precision direct injection / DI2,WVT	High precision direct injection / DI2,WVT
Injection type / Injection technique	/		
Displacement	cm³ / inch	1598 / 98	1598 / 98
Stroke	mm / inch	85.8 / 3.4	85.8 / 3.4
Bore	mm / inch	77 / 3	77 / 3
Engine power / at rpm	bHP / 1/min	181 / 5500	181 / 5500
Engine torque / at rpm	ft lbs (Nm) / 1/min	77 (240)(Overboost:260Nm/1700-4500 1/min) / 1600-5000	77 (240)(Overboost:260Nm/1700-4500 1/min) / 1600-5000
Compression rate / Fuel type (recomm.)	:/1	10.5 / ROZ91-98 (ROZ95)	10.5 / ROZ91-98 (ROZ95)
Type of gearbox		F21 TU ANL	G253 TU
Gear ratios 1st gear / 2nd / 3rd / 4th	/ / / /	4.044 / 2.371 / 1.556 / 1.159	3.308 / 2.13 / 1.483 / 1.139
5th / Gear ratio V / 7th / 8th	/ / / /	0.852 / 0.672 / /	0.949 / 0.816 / /
Reverse gear		3.193	3.231
Final drive		3.683	3.706
Steering type / Steering transmission, over	/:1	rack-and-pinion (EPS)/ disc ventilated disc	rack-and-pinion (EPS)/ disc ventilated disc
Front brake			
Rear brake			
Cx // A	// m² / ft³	0.36 // 2.32 / 24.97	0.36 // 2.32 / 24.97
Air resistance	m² / ft²	0.84 / 8.99	0.84 / 8.99
Top speed	Km/h / mph	205 / 127	205 / 127
Top speed optional		/	/
Acceleration 0-60 mph	s	7.6	7.2
Acceleration 0-100Km/h	s	8.1	7.8
Acceleration 0-1000m	s	28.8	28.2
Fuel cons. city (official EPA)	mpg		
Fuel cons. highway (official EPA)	mpg		
Fuel cons. combined (official EPA)	mpg		
Fuel cons. city (acc. FTP)	mpg / L/100Km	/	/
Fuel cons. highway (acc. FTP)	mpg / L/100Km	/	/
Fuel cons. combined (acc. FTP)	mpg / L/100Km	/	/
Range	miles		
Front tyres		205/55 R17 91V	205/55 R17 91V
Rear tyres		205/55 R17 91V	205/55 R17 91V
Front rims		7J x 17 LM	7J x 17 LM
Rear rims		7J x 17 LM	7J x 17 LM
Run flat tyres		yes	yes
Track front	mm / inch	1525 / 60	1525 / 60
Track rear	mm / inch	1551 / 61.1	1551 / 61.1
Wheel offset front / rear	mm / mm	50 / 50	50 / 50
Cooling system incl. Heater / Engine oil (filler)	liter/quarts // Uq.	6,5/6.9 // 4,2/4,4	6/6.3 // 4,2/4,4
Transmission fluid		permanent	permanent
Battery / Battery position	Ah /	55 / engine compartement	55 / engine compartement
Alternator	A / W	120 / 1680	120 / 1680

SS73

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** exchange quantity