

-for internal use only-

		CooperS Clubman	CooperS Clubman	John Cooper Works Clubman	John Cooper Works Clubman	Cooper Clubman	Cooper Clubman
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	/	5/5	5/5	5/5	5/5	5/5	5/5
Veh. length	mm / inch	3961 / 155.9	3961 / 155.9	/	/	3961 / 155.9	3961 / 155.9
Veh. width	mm / inch	1683 / 66.3	1683 / 66.3	1683 / 66.3	1683 / 66.3	1683 / 66.3	1683 / 66.3
Veh. height	mm / inch	1432 / 56.4	1432 / 56.4	1432 / 56.4	1426 / 56.1	1426 / 56.1	1426 / 56.1
Wheelbase	mm / inch	2547 / 100.3	2547 / 100.3	2547 / 100.3	2547 / 100.3	2547 / 100.3	2547 / 100.3
Turning circle	m / ft	11 / 36.1	11 / 36.1	11 / 36.1	11 / 36.1	11 / 36.1	11 / 36.1
Ground clearance	mm / inch	135 / 5.3	135 / 5.3	135 / 5.3	135 / 5.3	138 / 5.4	138 / 5.4
Shoulder width front	mm / inch	1278 / 50.3	1278 / 50.3	1278 / 50.3	1278 / 50.3	1278 / 50.3	1278 / 50.3
Shoulder width rear	mm / inch	1165 / 45.9	1165 / 45.9	1165 / 45.9	1165 / 45.9	1165 / 45.9	1165 / 45.9
Legroom front	mm / inch	1058 / 41.7	1058 / 41.7	1058 / 41.7	1058 / 41.7	1058 / 41.7	1058 / 41.7
Legroom rear	mm / inch	820 / 32.3	820 / 32.3	820 / 32.3	820 / 32.3	820 / 32.3	820 / 32.3
Max. headroom front	mm / inch	990 / 39	990 / 39	990 / 39	990 / 39	990 / 39	990 / 39
Max. headroom rear	mm / inch	958 / 37.7	958 / 37.7	958 / 37.7	958 / 37.7	958 / 37.7	958 / 37.7
Luggage comp. capacity (official)	m³ / ft³	0,260-0,930 / 9,2-32,8	0,260-0,930 / 9,2-32,8	0,260-0,930 /	0,260-0,930 /	0,260-0,930 / 9,2-32,8	0,260-0,930 / 9,2-32,8
Luggage vol. (SAE) - only for homologation	ft³						
Fuel tank capacity	liter / gal	50 / 13.2	50 / 13.2	50 / 13.2	50 / 13.2	50 / 13.2	50 / 13.2
Curb weight (US)	Kg / lbs	1305 / 2877	1285 / 2833	1310 / 2888	1290 / 2844	1265 / 2789	1230 / 2712
Weight distribution (empty car)	%	40.2	40.9	40.5	41.1	41.5	42.7
Gross veh. weight	Kg / lbs	1690 / 3726	1665 / 3671	1705 / 3759	1685 / 3715	1645 / 3627	1610 / 3549
Payload	Kg / lbs	370 / 816	370 / 816	370 / 816	370 / 816	370 / 816	370 / 816
Axle load limit front	Kg / lbs	890 / 1962	870 / 1918	900 / 1984	880 / 1940	865 / 1907	830 / 1830
Axle load limit rear	Kg / lbs	835 / 1841	835 / 1841	845 / 1863	845 / 1863	830 / 1830	830 / 1830
Roof load	Kg / lbs	75 / 165	75 / 165	/	/	75 / 165	75 / 165
Engine type / Cylinders / Valves p.cyl.		in line / 4 / 4	in line / 4 / 4	in line / 4 / 4	in line / 4 / 4	in line / 4 / 4	in line / 4 / 4
Fuel management		MEVD 1722	MED 1722	MEVD 1722	MEVD 1722	MEV 1722	MEV 1722
Injection technique / Charging Type		DI2 / TwinPower Turbo	DI2 / TwinPower Turbo	DI2 / TwinPower Turbo	DI2 / TwinPower Turbo	VVT / -	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	gHP / 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/1730-4500 1/min) / 1600-5000	77 (240) (Overboost: 260Nm/1730-4500 1/min) / 1600-5000	92 (260) (Overboost: 280Nm/2000-5100 1/min) / 1750-5500	92 (260) (Overboost: 280Nm/2000-5100 1/min) / 1750-5500	114 (155) / 4250	114 (155) / 4250
Compression rate / Fuel type (recomm.)	/	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		F6 21	G253	F6 21 TU	G253 TU	F6 21	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 VI / 7th / 8th	/ / /	0.852 / 0.672 / /	0.949 / 0.816 / /	0.852 / 0.672 / /	0.949 / 0.816 / /	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	3.647	3.683	3.706	4.103	4.353
Steering type / Steering transmission, overdrive	/ : 1	rack-and-pinion (EPS) / 14.1	rack-and-pinion (EPS) / 14.1	rack-and-pinion (EPS) / 14.1	rack-and-pinion (EPS) / 14.1	rack-and-pinion (EPS) / 14.1	rack-and-pinion (EPS) / 14.1
Front brake // diameter	- // mm / inch	disc ventilated // 294 / 11.6	disc ventilated // 294 / 11.6	disc ventilated // /	disc ventilated // /	disc ventilated // 280 / 11	disc ventilated // 280 / 11
Rear brake // diameter	- // mm / inch	disc // 259 / 10.2	disc // 259 / 10.2	disc // /	disc // /	disc // 259 / 10.2	disc // 259 / 10.2
Cx // A	// m² / ft²	0.34 // 2.02 / 21.75	0.34 // 2.02 / 21.75	0.34 // 2.02 / 21.75	0.34 // 2.02 / 21.75	0.32 // 2.01 / 21.64	0.32 // 2.01 / 21.64
Air resistance	m² / ft²	0.69 / 7.4	0.69 / 7.4	0.69 / 7.4	0.69 / 7.4	0.64 / 6.92	0.64 / 6.92
Top speed	Kmh / mph	222 / 138	227 / 141	236 / 147	238 / 148	195 / 121	202 / 126
Top speed optional	Kmh / mph	/	/	/	/	/	/
Acceleration 0-60 mph	s	7.1	6.8	6.7	6.5	10.2	8.9
Acceleration 0-100Km/h	s	7.5	7.2	7	6.8	10.8	9.6
Acceleration 0-1000m	s	27.7	27.9	26.7	26.6	32.2	30.9
Fuel cons. city (official EPA)	mpg	26	27			27	27
Fuel cons. highway (official EPA)	mpg	34	35			35	35
Fuel cons. combined (official EPA)	mpg	29	30			30	30
Fuel cons. city (acc. FTP)	mpg / L/100Km	33 / 7.1	34.5 / 6.8	/	/	35 / 6.7	35.8 / 6.6
Fuel cons. highway (acc. FTP)	mpg / L/100Km	47.8 / 4.9	50.2 / 4.7	/	/	50.7 / 4.6	49.9 / 4.7
Fuel cons. combined (acc. FTP)	mpg / L/100Km	38.4 / 6.1	40.2 / 5.8	/	/	40.6 / 5.8	41 / 5.7
Range	miles	506.9	530.6			535.9	541.2
Front tyres		195/55R16 87V AS	195/55R16 87V AS	205/45 R17 84W	205/45 R17 84W	175/65 R15 84H AS	175/65 R15 84H AS
Rear tyres		195/55R16 87V AS	195/55R16 87V AS	205/45 R17 84W	205/45 R17 84W	175/65 R15 84H AS	175/65 R15 84H AS
Front rims		6,5J x 16 LM	6,5J x 16 LM	7J x 17 LM	7J x 17 LM	5,5J x 15 LM	5,5J x 15 LM
Rear rims		6,5J x 16 LM	6,5J x 16 LM	7J x 17 LM	7J x 17 LM	5,5J x 15 LM	5,5J x 15 LM
Run flat tyres		yes	yes	yes	yes	no	no
Track front	mm / inch	1453 / 57.2	1453 / 57.2	1453 / 57.2	1453 / 57.2	1459 / 57.4	1459 / 57.4
Track rear	mm / inch	1461 / 57.5	1461 / 57.5	1461 / 57.5	1461 / 57.5	1467 / 57.8	1467 / 57.8
Wheel offset front / rear	mm / mm	48 / 48	48 / 48	48 / 48	48 / 48	45 / 45	45 / 45
Cooling system incl. Heater / Engine oil (filling)	liter/quarts // L/q.	5.2/5.5 // 4.2/4.4	5.2/5.5 // 4.2/4.4	7.5/7.9 // 4.2/4.4	7.5/7.9 // 4.2/4.4	5.2/5.5 // 4.2/4.4	5.2/5.5 // 4.2/4.4
Transmission fluid		permanent	permanent	permanent	permanent	permanent	permanent
Battery / Battery position	Ah /	55 / engine compartement	55 / engine compartement	70 / engine compartement	70 / engine compartement	55 / engine compartement	55 / engine compartement
Alternator	A / W	150 / 2100	150 / 2100	120 / 1680	120 / 1680	150 / 2100	150 / 2100
		ZG33	ZG33	MH93	MH93	ZF33	ZF33

** exchange quantity