

Technical Data - US.

MINI Coupe (R58).

		Cooper Coupe	Cooper Coupe	Cooper S Coupe	Cooper S Coupe	John Cooper Works Coupe
		N16B16M0 Manual 6	N16B16M0 Automatic 6	N18B16M0 Manual 6	N18B16M0 Automatic 6	N14B16T0 Manual 6
Engine type						
Transmission type						
No of Doors / Seats	/	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
Veh. length	mm / inch	3728 / 146.8	3728 / 146.8	3734 / 147	3734 / 147	3758 / 148
Veh. width	mm / inch	1683 / 66.3	1683 / 66.3	1683 / 66.3	1683 / 66.3	1683 / 66.3
Veh. width with mirrors	mm / inch	1913 / 75.3	1914 / 75.3	1915 / 75.3	1916 / 75.3	1917 / 75.3
Veh. height	mm / inch	1378 / 54.3	1378 / 54.3	1384 / 54.5	1384 / 54.5	1384 / 54.5
Wheelbase	mm / inch	2467 / 97.1	2467 / 97.1	2467 / 97.1	2467 / 97.1	2467 / 97.1
Turning circle	m / ft	10.7 / 35.1	10.7 / 35.1	10.7 / 35.1	10.7 / 35.1	10.7 / 35.1
Track front	mm / inch	1459 / 57.4	1459 / 57.4	1459 / 57.4	1459 / 57.4	1453 / 57.2
Track rear	mm / inch	1467 / 57.8	1467 / 57.8	1467 / 57.8	1467 / 57.8	1461 / 57.5
Ground clearance	mm/inch	139 / 5.47	139 / 5.47	139 / 5.47	139 / 5.47	139 / 5.47
Shoulder width front	mm / inch	1278 / 50.3	1278 / 50.3	1278 / 50.3	1278 / 50.3	1278 / 50.3
Shoulder width rear	mm / inch	-	-	-	-	-
Legroom front	mm / inch	1060 / 41.7	1060 / 41.7	1060 / 41.7	1060 / 41.7	1060 / 41.7
Legroom rear	mm / inch	-	-	-	-	-
Max. headroom front	mm / inch	975 / 38.4	975 / 38.4	975 / 38.4	975 / 38.4	975 / 38.4
Max. headroom rear	mm / inch	-	-	-	-	-
Luggage comp. capacity (official)	m³ / ft³	0,280 / 9.8	0,280 / 9.8	0,280 / 9.8	0,280 / 9.8	0,280 / 9.8
Luggage vol. (SAE)	ft³	7.0	7.0	7.0	7.0	7.0
Fuel tank capacity	liter / gal	40 / 10.6	40 / 10.6	50 / 13.2	50 / 13.2	50 / 13.2
Curb weight (US)	Kg / lbs	1160 / 2557	1195 / 2635	1215 / 2679	1240 / 2734	1225 / 2701
Weight distribution (empty car) (f/r)	%	61.6/38.4	62.8/37.2	63.4/36.6	64.1/35.9	63.3/36.7
Gross veh. weight	Kg / lbs	1440 / 3175	1475 / 3252	1475 / 3252	1500 / 3307	1475 / 3252
Payload	Kg / lbs	230 / 507	230 / 507	230 / 507	230 / 507	230 / 507
Axle load limit front	Kg / lbs	810 / 1786	845 / 1863	855 / 1885	880 / 1940	855 / 1885
Axle load limit rear	Kg / lbs	640 / 1411	640 / 1411	640 / 1411	640 / 1411	640 / 1411
Roof load	Kg / lbs	-	-	-	-	-
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
Fuel management		MEV 17.2.2	MEV 17.2.2	MEVD 17.2.2	MEVD 17.2.2	MED 17.2.2
Injection type / Charging Type		SR(VVT) / -	SR(VVT) / -	DI2,VVT / TwinScroll Turbo	DI2,VVT / TwinScroll Turbo	DI2 / TwinScroll Turbo
Displacement	cm³ / inch	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
Bore	mm / inch	77.0 / 3.0	77.0 / 3.0	77.0 / 3.0	77.0 / 3.0	77.0 / 3.0
Engine power / at rpm	bhp / rpm	121 / 6,000	121 / 6,000	181 / 5,500 177 @ 1,600-5,000	181 / 5,500 177 @ 1,600-5,000	208 / 6,000 192 @ 1,850-5,600
Engine torque / at rpm	lb-ft / rpm	114 / 4,250	114 / 4,250	(Overboost 192 @ 1750-4500)	(Overboost 192 @ 1750-4500)	(Overboost: 207 @ 2000-5100)
Compression rate / Fuel type (recomm.)		11.0:1 / ROZ91-98 (ROZ95)	11.0:1 / ROZ91-98 (ROZ95)	10.5:1 / ROZ91-98 (ROZ95)	10.5:1 / ROZ91-98 (ROZ95)	10.0:1 / ROZ91-98 (ROZ95)
Type of gearbox	Brand/model	Getrag 255	Aisin 260K	Getrag 253 TU	Aisin 225K	Getrag 253 TU
Gear ratios 1st gear / 2nd / 3rd / 4th	:1	3.214 / 1.792 / 1.194 / 0.914	4.148 / 2.37 / 1.566 / 1.155	3.308 / 2.13 / 1.483 / 1.139	4.044 / 2.371 / 1.556 / 1.159	3.308 / 2.13 / 1.483 / 1.139
Gear ratios 5th / 6th	:1	0.784 / 0.683	0.859 / 0.686	0.949 / 0.816	0.852 / 0.672	0.949 / 0.816
Reverse gear	:1	3.143	3.394	3.231	3.193	3.231
Final drive	:1	4.353	4.103	3.706	3.683	3.706
Steering type / ratio		rack-and-pinion (EPS)/ 14.1:1	rack-and-pinion (EPS)/ 14.1:1	rack-and-pinion (EPS)/ 14.1:1	rack-and-pinion (EPS)/ 14.1:1	rack-and-pinion (EPS)/ 14.1:1
Front brake	type/dia.	disc ventilated / 11.0	disc ventilated / 11.0	disc ventilated / 11.6	disc ventilated / 11.6	disc ventilated / 12.4
Rear brake	type/dia.	disc ventilated / 10.2	disc ventilated / 10.2	disc ventilated / 10.2	disc ventilated / 10.2	disc ventilated / 11.0
Cx // A	// m² / ft	0.33 // 1.98 / 21.31	0.33 // 1.98 / 21.31	0.37 // 1.97 / 21.21	0.37 // 1.97 / 21.21	0.35 // 1.97 / 21.21
Air resistance	m² / ft	0.65 / 7.03	0.65 / 7.03	0.73 / 7.85	0.73 / 7.85	0.69 / 7.42
Top speed	Km/h / mph	204 / 127	197 / 122	228 / 142	224 / 139	240 / 149
Acceleration 0-60 mph	s	8.3	9.5	6.5	6.7	6.1
Acceleration 1/4 mile	s	16.3	17.1	14.8	14.8	14.4
Fuel cons. city (EPA prelim. est.)	mpg	29	28	27	26	25
Fuel cons. highway (EPA prelim. est.)	mpg	37	36	35	34	33
Fuel cons. combined (EPA prelim. est.)	mpg	32	31	30	29	28
Range	miles	488	475	46	449	436
Front tires (standard)		175/65 R15 84H	175/65 R15 84H	195/55 R16 87V	195/55 R16 87V	205/45 R17 84W
Rear tires (standard)		175/65 R15 84H	175/65 R15 84H	195/55 R16 87V	195/55 R16 87V	205/45 R17 84W
Front rims (standard)		5.5J x 15 LM	5.5J x 15 LM	6.5J x 16 LM	6.5J x 16 LM	7J x 17 LM
Rear rims (standard)		5.5J x 15 LM	5.5J x 15 LM	6.5J x 16 LM	6.5J x 16 LM	7J x 17 LM
Run flat tires		no	no	yes	yes	yes
Wheel offset front / rear	mm / mm	45 / 45	45 / 45	48 / 48	48 / 48	48 / 48
Cooling system / Engine oil capacity	quarts	7.9 / 4.4	7.5/7.9 // 4.2/4.4	7.5/7.9 // 4.2/4.4	7.5/7.9 // 4.2/4.4	7.5/7.9 // 4.2/4.4
Transmission fluid		permanent	permanent	permanent	permanent	permanent
Battery / Battery position	Ah / location	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
Model Code		SX13	SX13	SX33	SX33	SX53