

Technical Data - US MINI Convertible

Model		Cooper	Cooper	Cooper S
Transmission		Manual 5-Speed	Automatic CVT	Manual 6-Speed
No. of doors/seats		2 / 4	2 / 4	2 / 4
Vehicle length	inch	143.1	143.1	143.9
Vehicle width	inch	66.5	66.5	66.5
Vehicle height, unloaded	inch	55.7	55.7	55.7
Wheelbase	inch	97.1	97.1	97.1
Turning cycle	ft	34.8	34.8	34.8
Track, front	inch	57.4	57.4	57.2
Track, rear	inch	57.7	57.7	57.5
Shoulder width, front	inch	50.9	50.9	50.9
Shoulder width, rear	inch	39.0	39.0	39.0
Leg room, front	inch	41.3	41.3	41.3
Leg room, rear	inch	27.7	27.7	27.7
Head room, front	inch	38.4	38.4	38.4
Head room, rear	inch	38.1	38.1	38.1
Trunk volume top down/top up	cu. ft.	4.2/5.8	4.2/5.8	4.2/5.8
Trunk volume with rear seats folded	cu. ft.	21.3	21.3	21.3
Approx fuel tank capacity	gal	13.2	13.2	13.2
Unladen weight	lbs	2700	2734	2844
Gross vehicle weight	lbs	3472	3505	3616
Payload	lbs	771	771	771
Axle load limit, front	lbs	1918	1918	1962
Axle load limit, rear	lbs	1697	1697	1763
Engine type / cylinders / valves p cyl	-	In line / 4 / 4	In line / 4 / 4	In line / 4 / 4
Fuel management	-	Siemens EMS 2000	Siemens EMS 2000	Siemens EMS 2000
Displacement	cc/inch ³	1598 / 97.5	1598 / 97.5	1598 / 97.5
Stroke	mm/inch	85.8 / 3.38	85.8 / 3.38	85.8 / 3.38
Bore	mm/inch	77.0 / 3.03	77.0 / 3.03	77.0 / 3.03
Horsepower / Engine speed	SAE hp/rpm	115 / 6000	115 / 6000	168 / 6000
Max torque / engine speed	lbs-ft/rpm	111 / 4500	111 / 4500	162 / 4000
Compression ratio / Fuel type	-	10.6 / AKI 91	10.6 / AKI 91	8.3 / AKI 91
Transmission type	-	Getrag 252	GACVT	Getrag 285
Gear ratio 1st/2nd/3rd	-	14.4/8.327/5.476	- / - / -	12.789/7.793/5.651
Gear ratio 4th/5th/6th	-	4.105/3.509/-	- / - / -	4.615/3.828/3.126
Reverse ratio	-	14.065	3.820	11.944
Final drive ratio	-	-	5.76	-
Steering type / ratio	-	EHPAS / 13.18	EHPAS / 13.18	EHPAS / 13.18
Brake front / diameter	- / inch	Vent Disc / 10.9	Vent Disc / 10.9	Vent. Disc / 10.9
Brake rear / diameter	- / inch	Disc / 10.2	Disc / 10.2	Disc / 10.2
Drag coefficient	Cd	0.37	0.37	0.37
Drag Cd x A	ft ²	7.85	7.85	7.85
Top Speed	mph	121	112	134
Acceleration 0-60 mph	-	8.9	10.2	7.0
Acceleration 0-1/4 mile	-	16.5		15.6
EPA fuel mileage city	mpg	27	26	25
EPA fuel mileage highway	mpg	35	33	32
EPA fuel mileage combined	mpg	30	29	27
Tire size/type	-	175/65 R 15 84 H AS	175/65 R 15 84 H AS	195/55 R 16 87 V RSC AS
Wheel size/type	-	5.5 J x 15 alloy	5.5 J x 15 alloy	6.5 J x 16 alloy
Battery capacity / location	-	55/Luggage comp.	55/Engine comp.	55/Luggage comp.
Alternator output rating	A/W	120/1680	120/1680	105/1470