

U.S. Technical Specifications for all MY 2022 MINI Convertible variants

MINI Cooper Convertible

Basic Data Summary

Transmission type	Manual
Engine description	B36A15M1
Seats	4
Number of doors	2-door car
Engine type	Front-wheel drive

Dimensions

Exterior

Vehicle length (L103 OTD), inch	152.2
Vehicle width (W103 OTD), inch	68
Vehicle width at side mirrors (W144) , inch	75.9
Vehicle height (inch), inch	55.7
Wheelbase(L101), inch	98.2
Overhang front (L104 OTD), inch	30.5
Overhang rear (L105 OTD), inch	23.5
Ground clearance; curb weight (H156 OTD), inch	4.5
Minimum turning clearance circle (D 102), ft	35.4

Interior

Leg room 1.SR (L34), inch	41.4
Leg room 2.SR (L51-2), inch	30.9
Shoulder room 1.SR (W3-1), inch	51
Shoulder room 2.SR (W3-2), inch	39.7
Head room 1.SR (H62-1), inch	39.8
Head room 2.SR (H61-2), inch	39
EPA passenger volume index front (SAE), ft ³	48.6
EPA passenger volume index second (SAE), ft ³	27.7

Luggage volumes

Press luggage volume US (V US Kom), ft ³	5.7 - 7.6
EPA luggage volume (SAE), ft ³	5.2

Weight

Gross vehicle weight, lbs	3704
Payload lbs, lbs	712
Front axle load lbs, lbs	2050
Axle load limit rear, lbs	1775
Vehicle weight without driver empty fuel tank, lbs	2826
Vehicle weight without driver empty fuel tank -FA, lbs	1750
Vehicle weight without driver empty fuel tank -RA, lbs	1076
Vehicle curb weight inkl. 100% SAa und 33% SAs, lbs	2892

Performance

Final drive ratio	3.421
Top speed, mph	127

0-60 mph, s	8.3
Motor	
Engine type	B36A15M1
Cylinders	3
Valves p.cyl.	4
Lifting (inch), inch	3.72
Bore (inch), inch	3.23
Capacity (inch ³), inch	91.46
Engine Oil (quarts)	4.8
Engine torque, ftlbs	162
Engine power (bHP), bHP	134
RPM at maximum power, 1/min	4500-6500
Fuel type	gasoline
Useable Fuel Quality	AKI 89 MIN
Recommended Fuel Quality	AKI 91
Gearbox	
Combustion engine	
Transmission type V	GS6-58BG
Transmission type	Manual
Nr. of gears	6
Transmission ratio 1st gear**; 1st**	3.615
Transmission ratio 2nd gear**; 2nd**	1.952
Transmission ratio 3rd gear**; 3rd**	1.241
Transmission ratio 4th gear**; 4th**	0.969
Transmission ratio 5th gear**; 5th**	0.806
Transmission ratio 6th gear**; 6th**	0.683
Transmission ratio 7th gear**; 7th**	N/A
Transmission ratio 8th gear**; 8th**	N/A
Transmission ratio reverse gear**	3.538
Aerodynamics	
CXA min (ft ²), ft	7.8
CXA max (ft ²), ft	8.24
Facing surface (A Stirn), ft	22.28
Emission	
Emission classification (type-certified)***	SULEV30
Chassis	
Wheel/Tires	
Front tires	175/65 R15 84 H AS
Front tires var.1	195/55 R16 87 V AS
Front tires var.2	205/45 R17 88 V XL AS
Front tires var.3	205/45 R17 88 W XL
Front tires var.4	205/40 R18 86 W XL
Front rims	5,5Jx15 LM
Front rims var.1	6,5Jx16 LM
Front rims var.2	7Jx17 LM
Front rims var.3	7Jx17 LM

Front rims var.4	7Jx18 LM
Rear tires	175/65 R15 84 H AS
Rear tires var.1	195/55 R16 87 V AS
Rear tires var.2	205/45 R17 88 V XL AS
Rear tires var.3	205/45 R17 88 W XL
Rear tires var.4	205/40 R18 86 W XL
Rear rims	5,5Jx15 LM
Rear rims var.1	6,5Jx16 LM
Rear rims var.2	7Jx17 LM
Rear rims var.3	7Jx17 LM
Rear rims var.4	7Jx18 LM
Run flat tires	no
Run flat tires var.1	yes
Run flat tires var.2	yes
Run flat tires var.3	yes
Run flat tires var.4, -	yes

Steering

Power-steering	EPS
Steering transmission, overall, :1	14

Tank

US Tank capacity (gallons) - series, gal	11.6
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Battery

Battery Capacity (low voltage), Ah	70
System voltage (low voltage), V	12

SCR

SCR (Yes/No)	No
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Driving Dynamic

Track front (inch), inch	59.1
Rear track (inch), inch	59.1
Track front var.1 (inch), inch	58.5
Rear track var.1 (inch), inch	58.5
Track front var.2 (inch), inch	58.5
Rear track var.2 (inch), inch	58.5
Track front var.3 (inch), inch	58.5
Rear track var.3 (inch), inch	58.5
Track front var.4 (inch), inch	58.5
Rear track var.4 (inch), inch	58.5



MINI Cooper Convertible

MINI Cooper S Convertible



DCT
B36A15M1
4
2-door car
Front-wheel drive

Manual
B46A20M1
4
2-door car
Front-wheel drive



152.2	152.8
68	68
75.9	75.9
55.7	55.7
98.2	98.2
30.5	30.5
23.5	24
4.5	4.5
35.4	35.4



41.4	41.4
30.9	30.9
51	51
39.7	39.7
39.8	39.8
39	39
48.6	48.6
27.7	27.7



5.7 - 7.6	5.7 - 7.6
5.2	5.2



3781	3847
741	758
2116	2105
1775	1841
2857	2945
1792	1840
1065	1105
2923	3018



3.789	3.588
127	143

8.2

6.8

B36A15M1

B46A20M1

3

4

4

4

3.72

3.72

3.23

3.23

91.46

121.95

4.8

5.5

162

206

134

189

4500-6500

5000-6000

gasoline

gasoline

AKI 89 MIN

AKI 89 MIN

AKI 91

AKI 91

GD7F32AG

GS6-59SG

DCT

Manual

7

6

15.741

3.923

9.284

2.136

5.899

1.393

4.129

1.088

3.196

0.892

2.558

0.756

2.073

N/A

N/A

N/A

14.22

3.538

7.8

8.06

8.24

8.06

22.28

22.39

SULEV30

SULEV30

175/65 R15 84 H AS, 195/55 R16 87 V AS
 195/55 R16 87 V AS, 205/45 R17 88 V XL AS
 205/45 R17 88 V XL AS, 205/45 R17 88 W XL

205/45 R17 88 W XL
 205/40 R18 86 W XL
 5,5Jx15 LM, 6,5Jx16 LM
 6,5Jx16 LM, 7Jx17 LM
 7Jx17 LM
 7Jx17 LM

195/55 R16 87 V AS
 205/45 R17 88 V XL AS
 195/55 R16 87 W
 205/45 R17 88 W XL
 205/40 R18 86 W XL
 6,5Jx16 LM
 7Jx17 LM
 6,5Jx16 LM
 7Jx17 LM

7Jx18 LM
 175/65 R15 84 H AS, 195/55 R16 87 V AS
 195/55 R16 87 V AS, 205/45 R17 88 V XL AS
 205/45 R17 88 V XL AS, 205/45 R17 88 W XL
 205/45 R17 88 W XL
 205/40 R18 86 W XL
 5,5Jx15 LM, 6,5Jx16 LM
 6,5Jx16 LM, 7Jx17 LM
 7Jx17 LM
 7Jx17 LM
 7Jx18 LM
 no, yes
 yes
 no, yes
 yes
 yes

7Jx18 LM
 195/55 R16 87 V AS
 205/45 R17 88 V XL AS
 195/55 R16 87 W
 205/45 R17 88 W XL
 205/40 R18 86 W XL
 6,5Jx16 LM
 7Jx17 LM
 6,5Jx16 LM
 7Jx17 LM
 7Jx18 LM
 yes
 yes
 yes
 yes
 yes

EPS

EPS

14

14

11.6

11.6

70

70

12

12

No

No

59.1

58.5

59.1

58.5

58.5

58.5

58.5

58.5

58.5

58.5

58.5

58.5

58.5

58.5

58.5

58.5

58.5

58.5

58.5

58.5



MINI Cooper S Convertible

MINI John Cooper Works Convertible



DCT

Automatic

B46A20M1

B46A20O1

4

4

2-door car

2-door car

Front-wheel drive

Front-wheel drive



152.8

152.8

68

68

75.9

75.9

55.7

55.7

98.2

98.2

30.5

30.5

24

24

4.5

4.5

35.4

35.4



41.4

41.4

30.9

30.9

51

51

39.7

39.7

39.8

39.8

39

39

48.6

48.6

27.7

27.7



5.7 - 7.6

5.7 - 7.6

5.2

5.2



3847

3957

728

778

2138

2194

1819

1819

2961

3071

1868

1953

1093

1118

3034

3144



3.474

2.955

143

149

6.7	6.3
B46A20M1	B46A2001
4	4
4	4
3.72	3.72
3.23	3.23
121.95	121.95
5.5	5.5
206	235
189	228
5000-6000	5200-6200
gasoline	gasoline
AKI 89 MIN	AKI 89 MIN
AKI 91	AKI 91



GD7F32AG	GA8Q45CW
DCT	Automatic
7	8
14.429	5.519
8.511	3.184
5.408	2.05
3.785	1.492
2.93	1.235
2.345	1
1.901	0.801
N/A	0.673
13.035	4.221



8.06	8.06
8.06	8.06
22.39	22.39



SULEV30	SULEV30
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195/55 R16 87 V AS	205/45 R17 88 V XL AS
205/45 R17 88 V XL AS	205/45 R17 88 W XL
195/55 R16 87 W	205/45 R17 88 Y XL
205/45 R17 88 W XL	205/40 R18 86 W XL
205/40 R18 86 W XL	N/A
6,5Jx16 LM	7Jx17 LM
7Jx17 LM	7Jx17 LM
6,5Jx16 LM	7Jx17 LM
7Jx17 LM	7Jx18 LM

7Jx18 LM
195/55 R16 87 V AS
205/45 R17 88 V XL AS
195/55 R16 87 W
205/45 R17 88 W XL
205/40 R18 86 W XL

6,5Jx16 LM
7Jx17 LM
6,5Jx16 LM
7Jx17 LM
7Jx18 LM

yes
yes
yes
yes
yes

N/A

205/45 R17 88 V XL AS
205/45 R17 88 W XL
205/45 R17 88 Y XL
205/40 R18 86 W XL

N/A
7Jx17 LM
7Jx17 LM
7Jx17 LM
7Jx18 LM

N/A
yes
yes
no
yes
N/A

EPS
14

EPS
14

11.6

11.6

70

70

12

12

No

No

58.5
58.5
58.5
58.5
58.5
58.5
58.5
58.5
58.5
58.5
58.5
58.5

58.5
58.5
58.5
58.5
58.5
58.5
58.5
58.5
58.5
N/A
N/A