

BMW

U.S. Press Information

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Technical Data.

2009 BMW M6 Convertible.

		M6 Convertible Manual 6 Speed	M6 (SMG) Convertible Manual 7 Speed
Body			
No. of Doors / Seating Capacity	-	2 / 4	2 / 4
Vehicle Length	mm / inch	4871 / 191.8	4871 / 191.8
Vehicle Width	mm / inch	1855 / 73	1855 / 73
Vehicle Height, Unloaded	mm / inch	1377 / 54.2	1377 / 54.2
Wheelbase	mm / inch	2781 / 109.5	2781 / 109.5
Turning Circle	m / ft	12.5 / 41	12.5 / 41
Track, Front	mm / inch	1567 / 61.7	1567 / 61.7
Track, Rear	mm / inch	1584 / 62.4	1584 / 62.4
Width at Shoulderheight, Front	mm / inch	1432 / 56.4	1432 / 56.4
Width at Shoulderheight, Rear	mm / inch	1254 / 49.4	1254 / 49.4
Effective Leg Room, Front	mm / inch	1067 / 42	1067 / 42
Effective Leg Room, Rear	mm / inch	737 / 29	737 / 29
Effective Head Room, Front	mm / inch	959 / 37.8	959 / 37.8
Effective Head Room, Rear	mm / inch	926 / 36.5	926 / 36.5
Trunk Volume acc DIN	m³ / ft³	0.300-0.350 / 10.6-12.4	0.300-0.350 / 10.6-12.4
Trunk Volume acc SAE1100	ft³	0	0
Fuel Capacity	L / gal	70 / 18.5	70 / 18.5
Curb Weight	kg / lbs	1995 / 4398	1995 / 4398
Weight Distribution, Front / Rear	%	49.9 / 50.1	49.9 / 50.1
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2380 / 5247	2380 / 5247
Payload	kg / lbs	385 / 849	385 / 849
Axle Load Limit, front	kg / lbs	1120 / 2469	1120 / 2469
Axle Load Limit, rear	kg / lbs	1290 / 2844	1290 / 2844
Roof Load Limit	kg / lbs	- / -	- / -
Drag Coefficient	Cd	0.34	0.34
Drag Cd x A	m² / ft²	0.73 / 7.87	0.73 / 7.87
Engine			
Engine Type / Cylinder / Valves per Cylinder	-	V 90 / 10 / 4	V 90 / 10 / 4
Engine Management System	-	BMW MS S65	BMW MS S65
Displacement	cm³ / inch³	4999 / 305.1	4999 / 305.1
Stroke	mm / inch	75.2 / 2.96	75.2 / 2.96
Bore	mm / inch	92 / 3.62	92 / 3.62
Power	SAE hp / rpm	500 / 7750	500 / 7750
Torque	ft lbs / rpm	383 (520) / 6100	383 (520) / 6100
Compression Ratio / Fuel type	-	12 / Premium	12 / Premium
Chassis and Suspension			
Codification of Reference Gearbox	-	G	SMG III 247
Gear Ratios I	-	4.055	3.985
I	-	2.396	2.652
II	-	1.582	1.806
IV	-	1.192	1.392
V	-	1	1.159
V	-	0.872	1
VI	-		0.833
Reverse Ratio	-	3.677	3.985
Final Drive Ratio	-	3.62	3.62
Steering Type / Ratio	-	Rack-and-pinion / 13	Rack-and-pinion / 13
Front Brakes / Diameter	- / mm / inch	Vent. Disc / 374 / 14.7	Vent. Disc / 374 / 14.7
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 370 / 14.6	Vent. Disc / 370 / 14.6
Tire Type, Front	-	255/40 ZR19	255/40 ZR19
Tire Type, Rear	-	285/35 ZR19	285/35 ZR19
Wheels, Front	-	8.5J x 19 Light alloy	8.5J x 19 Light alloy
Wheels, Rear	-	9.5J x 19 Light alloy	9.5J x 19 Light alloy
Performance			
Top Speed	km/h / mph	250 / 155	250 / 155
Top Speed w. Sport Package	km/h / mph	- / -	- / -
Acceleration, 0-60 mph	s	4.6	4.6
Acceleration, 0-100 Km/h	s	4.8	4.8
Fuel Economy, EPA Estimate - City	mpg	11	11
Fuel Economy, EPA Estimate - Highway	mpg	17	17
Fuel Economy, EPA Estimate - Combined	mpg	13	13
Approximate Range	km / miles	480 / 300	490 / 305