

BMW

U.S. Media Information

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Technical Data.

2010 BMW M6 Coupe.

		M6 Coupe Manual 6 Speed	M6 (SMG) Coupe Manual 7 Speed
03.01.2010			
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	1372 / 54	1372 / 54
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	765 / 30.1	765 / 30.1
Effective Head Room, Front	mm / inch	956 / 37.6	956 / 37.6
Effective Head Room, Rear	mm / inch	905 / 35.6	905 / 35.6
Trunk Volume acc SAE1100	ft³	13	13
Fuel Capacity	L / gal	70 / 18.5	70 / 18.5
Curb Weight	kg / lbs	1773 / 3909	1773 / 3909
Weight Distribution, Front / Rear	%	53.5 / 46.5	53.5 / 46.5
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2200 / 4850	2200 / 4850
Payload	kg / lbs	427 / 941	427 / 941
Axle Load Limit, front	kg / lbs	1090 / 2403	1090 / 2403
Axle Load Limit, rear	kg / lbs	1200 / 2646	1200 / 2646
Towing Capacity	kg / lbs	- / -	- / -
Roof Load Limit	kg / lbs	- / -	- / -
Drag Coefficient	Cd	0.32	0.32
Drag Cd x A	m² / ft²	0.69 / 7.41	0.69 / 7.41
Engine			
Engine Type / Cylinder / Valves per Cylinder	-	V 90 / 10 / 4 VANOS	V 90 / 10 / 4 VANOS
Engine Management System	-	BMW MS S65 Port Injection	BMW MS S65 Port Injection
Induction System	-	Natural, tuned runners	Natural, tuned runners
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	4.5	4.5
Acceleration, 0-100 Km/h	s	4.6	4.6
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	485 / 300	495 / 305