

BMW

U.S. Media Information

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Technical Data.

2010 BMW M3 Coupe.

		M3 Coupe	M3 (DCT) Coupe
10.22.2009		Manual 6 Speed	Auto 7 Speed
Body			
No. of Doors / Seating Capacity	-	2 / 4	2 / 4
Vehicle Length	mm / inch	4618 / 181.8	4618 / 181.8
Vehicle Width	mm / inch	1804 / 71	1804 / 71
Vehicle Height, Unloaded	mm / inch	1418 / 55.8	1418 / 55.8
Wheelbase	mm / inch	2761 / 108.7	2761 / 108.7
Turning Circle	m / ft	11.7 / 38.4	11.7 / 38.4
Track, Front	mm / inch	1540 / 60.6	1540 / 60.6
Track, Rear	mm / inch	1539 / 60.6	1539 / 60.6
Width at Shoulderheight, Front	mm / inch	1404 / 55.3	1404 / 55.3
Width at Shoulderheight, Rear	mm / inch	1318 / 51.9	1318 / 51.9
Effective Leg Room, Front	mm / inch	1061 / 41.8	1061 / 41.8
Effective Leg Room, Rear	mm / inch	857 / 33.7	857 / 33.7
Effective Head Room, Front	mm / inch	975 / 38.4	975 / 38.4
Effective Head Room, Rear	mm / inch	934 / 36.8	934 / 36.8
Trunk Volume acc SAE1100	ft³	11	11
Fuel Capacity	L / gal	63 / 16.6	63 / 16.6
Curb Weight	kg / lbs	1680 / 3704	1680 / 3704
Weight Distribution, Front / Rear	%	51.2 / 48.8	51.2 / 48.8
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2080 / 4586	2080 / 4586
Payload	kg / lbs	400 / 882	400 / 882
Axle Load Limit, front	kg / lbs	1020 / 2249	1020 / 2249
Axle Load Limit, rear	kg / lbs	1120 / 2469	1120 / 2469
Towing Capacity	kg / lbs	- / -	- / -
Roof Load Limit	kg / lbs	75 / 165	75 / 165
Drag Coefficient	Cd	0.31	0.31
Drag Cd x A	m² / ft²	0.67 / 7.24	0.67 / 7.24
Engine			
Engine Type / Cylinder / Valves per Cylinder	-	V 90 / 8 / 4 VANOS	V 90 / 8 / 4 VANOS
Engine Management System	-	BMW MS60 Direct Injection	BMW MS60 Direct Injection
Induction System	-	Natural, tuned runners	Natural, tuned runners
Displacement	cm³ / inch³	3999 / 244	3999 / 244
Stroke	mm / inch	75.2 / 2.96	75.2 / 2.96
Bore	mm / inch	92 / 3.62	92 / 3.62
Power	SAE hp / rpm	414 / 8300	414 / 8300
Torque	ft lbs / rpm	295 / 3900	295 / 3900
Compression Ratio / Fuel type	-	12 / Premium	12 / Premium
Chassis and Suspension			
Codification of Reference Gearbox	-	G	M DKG 436
Gear Ratios I	-	4.055	4.78
II	-	2.396	2.933
III	-	1.582	2.153
IV	-	1.192	1.678
V	-	1	1.39
VI	-	0.872	1.203
Reverse Ratio	-	3.677	4.454
Final Drive Ratio	-	3.85	3.15
Steering Type / Ratio	-	Rack-and-pinion / 12.5	Rack-and-pinion / 12.5
Front Brakes / Diameter	- / mm / inch	Vent. Disc / 360 / 14.2	Vent. Disc / 360 / 14.2
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 350 / 13.8	Vent. Disc / 350 / 13.8
Tire Type, Front	-	245/40 ZR18	245/40 ZR18
Tire Type, Rear	-	265/40 ZR18	265/40 ZR18
Wheels, Front	-	8.5J x 18 Light alloy	8.5J x 18 Light alloy
Wheels, Rear	-	9.5J x 18 Light alloy	9.5J x 18 Light alloy
Performance			
Top Speed	km/h / mph	250 / 155	250 / 155
Acceleration, 0-60 mph	s	4.7	4.5
Acceleration, 0-100 Km/h	s	4.8	4.6
Fuel Economy, EPA Estimate - City	mpg	14	14
Fuel Economy, EPA Estimate - Highway	mpg	20	20
Fuel Economy, EPA Estimate - Combined	mpg	16	16
Approximate Range	km / miles	534 / 332	534 / 332