

BMW

U.S. Media Information

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Technical Data.

2012 BMW M3 Convertible.

		M3 Convertible Manual 6 Speed	M3 Convertible DCT 7 Speed
11.01.2011			
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	1392 / 54.8	1392 / 54.8
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
Ground Clearance	mm / inch	124 / 4.48	124 / 4.48
Width at Shoulderheight, Front	mm / inch	1404 / 55.3	1404 / 55.3
Width at Shoulderheight, Rear	mm / inch	1251 / 49.3	1251 / 49.3
Effective Leg Room, Front	mm / inch	1068 / 42	1068 / 42
Effective Leg Room, Rear	mm / inch	814 / 32	814 / 32
Effective Head Room, Front	mm / inch	965 / 38	965 / 38
Effective Head Room, Rear	mm / inch	927 / 36.5	927 / 36.5
Trunk Volume acc SAE1100	ft³	9	9
Fuel Capacity	L / gal	63 / 16.6	63 / 16.6
Curb Weight	kg / lbs	1880 / 4145	1880 / 4145
Weight Distribution, Front / Rear	%	47.2 / 52.8	47.2 / 52.8
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2280 / 5027	2280 / 5027
Payload	kg / lbs	400 / 822	400 / 822
Axle Load Limit, front	kg / lbs	1060 / 2337	1060 / 2337
Axle Load Limit, rear	kg / lbs	1270 / 2800	1270 / 2800
Towing Capacity	kg / lbs	- / -	- / -
Roof Load Limit	kg / lbs	- / -	- / -
Drag Coefficient	Cd	0.32	0.32
Engine			
		S65B40	S65B40
Engine Type / Cylinder / Valves per Cylinder	-	V 90 / 8 / 4 VANOS	V 90 / 8 / 4 VANOS
Engine Management System	-		BMW MS S60 Port 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	4.780
II	-	2.396	2.933
IV	-	1.582	2.153
V	-	1.192	1.678
V	-	1.000	1.390
VI	-	0.872	1.203
Reverse Ratio	-	-	1.000
Final Drive Ratio	-	3.677	4.454
Steering Type / Ratio	-	3.85	3.15
Front Brakes / Diameter	- / mm / inch	Rack-and-pinion / 12.5	Rack-and-pinion / 12.5
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 360 / 14.2	Vent. Disc / 360 / 14.2
Tire Type, Front	-	Vent. Disc / 350 / 13.8	Vent. Disc / 350 / 13.8
Tire Type, Rear	-	245/40 ZR18	245/40 ZR18
Wheels, Front	-	265/40 ZR18	265/40 ZR18
Wheels, Rear	-	8.5J x 18 Light alloy	8.5J x 18 Light alloy
	-	9.5J x 18 Light alloy	9.5J x 18 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	5.1	4.9
Acceleration, 0-100 Km/h	s	5.3	5.1
Fuel Economy, EPA Estimate - City	mpg	13	14
Fuel Economy, EPA Estimate - Highway	mpg	20	20
Fuel Economy, EPA Estimate - Combined	mpg	16	16
Approximate Range	km / miles	430 / 270	430 / 270