

BMW

U.S. Media Information

Contacts:

Thomas Plucinsky
Manager, BMW Corporate Communications
201-307-3783 / thomas.plucinsky@bmwna.com

David J. Buchko
Advanced Powertrain Communications
201-307-3709 / dave.buchko@bmwna.com

Monty Roberts
Product & Technology Communications
201-307-3709 / monty.roberts@bmwna.com

Technical Data.

2012 BMW M6 Convertible.

		M6
		Convertible
05.20.2012		DCT 7 Speed
Body		Preliminary
No. of Doors / Seating Capacity	-	2 / 4
Vehicle Length	mm / inch	4903 / 193
Vehicle Width	mm / inch	1899 / 74.8
Vehicle Height, Unloaded	mm / inch	1368 / 53.9
Wheelbase	mm / inch	2851 / 112.2
Turning Circle	m / ft	12.1 / 39.7
Track, Front	mm / inch	1630 / 64.2
Track, Rear	mm / inch	1612 / 63.5
Ground Clearance	mm / inch	107 / 4.2
Width at Shoulderheight, Front	mm / inch	1445 / 56.9
Width at Shoulderheight, Rear	mm / inch	1260 / 49.6
Effective Leg Room, Front	mm / inch	1069 / 42.1
Effective Leg Room, Rear	mm / inch	774 / 30.5
Effective Head Room, Front	mm / inch	1023 / 40.3
Effective Head Room, Rear	mm / inch	927 / 36.5
Trunk Volume acc SAE1100	ft³	11
Fuel Capacity	L / gal	80 / 21.1
Curb Weight	kg / lbs	2045 / 4508
Weight Distribution, Front / Rear	%	49.1 / 50.9
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2410 / 5313
Payload	kg / lbs	365 / 805
Axle Load Limit, front	kg / lbs	1200 / 2646
Axle Load Limit, rear	kg / lbs	1260 / 2778
Towing Capacity	kg / lbs	- / -
Roof Load Limit	kg / lbs	- / -
Drag Coefficient	Cd	0.33
Engine		S63B44Tü
Engine Type / Cylinder / Valves per Cylinder	-	V 90 / 8 / 4 VANOS VALVETRONIC
Engine Management System	-	MSD 85.1 Direct Injection
Induction System/Boost Pressure	-	twin scroll, twin turbo reverse flow "hot V"
Boost Pressure	Bar	1.5
Displacement	cm³ / inch³	4395 / 268.2
Stroke	mm / inch	88.3 / 3.48
Bore	mm / inch	89 / 3.50
Power	SAE hp / rpm	560 / 6000
Torque	ft lbs / rpm	500 / 1500-5750
Compression Ratio / Fuel type	-	10.0 / Premium Unleaded
Chassis and Suspension		
Codification of Reference Gearbox	-	M-DKG 436
Gear Ratios I	-	4.806
II	-	2.593
III	-	1.701
IV	-	1.277
V	-	1.000
VI	-	0.844
VII	-	0.671
VIII	-	
Reverse Ratio	-	4.172
Final Drive Ratio	-	3.154
Steering Type / Ratio	-	Rack-and-pinion (hydraulic) / 13.1
Front Brakes / Diameter	- / mm / inch	Vented / 410 / 16.1
Rear Brakes / Diameter	- / mm / inch	Vented / 396 / 15.6
Tire Type, Front	-	265/40 ZR19 102Y
Tire Type, Rear	-	295/35 ZR19 104Y
Tire Type, Front optional	-	265/35 ZR20
Tire Type, Rear optional	-	295/30 ZR20
Wheels, Front	-	9.5J x 19 Light alloy
Wheels, Rear	-	10.5J x 19 Light alloy
Wheels, Front optional	-	9.5J x 20 Light alloy
Wheels, Rear optional	-	10.5J x 20 Light alloy
Performance		
Top Speed	km/h / mph	250 / 155
Top Speed w. Sport Package	km/h / mph	na
Acceleration, 0-60 mph	s	4.2
Acceleration, 0-100 Km/h	s	4.3
Fuel Economy, EPA Estimate - City	mpg	14
Fuel Economy, EPA Estimate - Highway	mpg	20
Fuel Economy, EPA Estimate - Combined	mpg	16
Approximate Range	km / miles	680 / 422