

Specifications. BMW M6 Convertible.



6/2012

Valid from
7/2012

BMW M6 Convertible		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4898 / 1899 / 1372
Wheelbase	mm	2851
Track, front/rear	mm	1631/ 1612
Ground clearance	mm	107
Turning circle	m	12.1
Tank capacity	approx. l	80
Cooling system incl heating	l	18.5
Engine oil ¹⁾	l	8.4
Weight, unladen, to DINEU	kg	1980 / 2055
Max load to DIN	kg	430
Max permissible weight	kg	2410
Max axle load, front/rear	kg	1200 / 1260
Max trailer load, braked (12%)/unbraked	kg	- / -
Max roof load/towbar download	kg	- / -
Luggage comp capacity	l	300 – 350
Air drag	c _d x A	0.33 x 2.29
Engine		
Configuration/No of cyls/valves		V90 / 8 / 4
Engine technology		M TwinPower Turbo technology with cross-bank exhaust manifold, Twin Scroll Twin Turbo technology, High Precision Direct Petrol Injection, VALVETRONIC and Double-Vanos
Effective capacity	cm ³	4395
Stroke/bore	mm	88.3 / 89.0
Compression ratio	:1	10.0
Fuel grade		RON 98 (min 95)
Output	kW/hp	412 / 560
at	rpm	6000 – 7000
Torque	Nm	680
at	rpm	1500 – 5750
Electrical system		
Battery/Installation	Ah/–	105 / luggage comp
Alternator	A/W	210 / 2926
Driving dynamics and safety		
Suspension, front		Double-track control arm with M-specific elastokinematics, small, negative steering roll radius, anti-dive
Suspension, rear		Integral-V multi-arm axle with M-specific elastokinematics, spatial suspension with anti-squat and anti-dive
Brakes, front		Six-piston fixed-calliper compound disc brakes
Diameter	mm	400 x 36 / vented
Brakes, rear		Single-piston floating-calliper compound disc brakes
Diameter	mm	396 x 24 / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Brake Drying function, Start-Off Assistant, M Dynamic Damper Control (EDC), Active M Differential, linked to ICM (Integrated Chassis Management)
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seat belts on all seats with belt latch tensioner and belt force limiter at the front, crash-activated head restraints at the front, roll-over protection system, crash sensors, Tyre Defect Indicator
Steering		Hydraulic rack-and-pinion steering with M-specific Servotronic function
Steering ratio, overall	:1	13.05
Tyres, front/rear		265/40 R19 102Y 295/35 R19 104Y
Rims, front/rear		9.5J x 19 light-alloy 10.5J x 19 light-alloy

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BMW ConnectedDrive				
Convenience		Optional: BMW Assist incl. Enquiry Service, remote-control functions, Real Time Traffic Information, BMW TeleServices, integration of mobile devices		
Infotainment		Optional: internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps		
Safety		Optional: High Beam Assistant, Park Distance Control, rear-view camera, Surround View incl. Top View and Side View, BMW Night Vision with pedestrian recognition, Head-Up Display, Lane Change Warning, Lane Departure Warning incl Collision Warning, Speed Limit Info with No Passing Info, Advanced eCall		
Transmission				
Type of gearbox		Seven-speed M Double Clutch Transmission with Drivelogic		
Gear ratios		I	:1	4.806
		II	:1	2.593
		III	:1	1.701
		IV	:1	1.277
		V	:1	1.000
		VI	:1	0.844
		VII	:1	0.671
		R	:1	4.172
Final drive			:1	3.154
Performance				
Power-to-weight ratio (DIN)		kg/kW		4.8
Output per litre		kW/l		93.7
Acceleration		0–100 km/h	s	4.3
		0–1000 m	s	22.1
in 4 th /5 th gear		80–120 km/h	s	3.8 / 4.8
Top speed		km/h		250 / 305 ²⁾
BMW EfficientDynamics				
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Auto Start-Stop function, intelligent lightweight construction, on-demand operation of ancillary units, flow rate-controlled power steering pump, tyres with reduced rolling resistance		
Fuel consumption EU				
Urban		l/100 km		14.4
Extra-urban		l/100 km		7.9
Combined		l/100 km		10.3
CO ₂		g/km		239
Emission rating				EU5

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)

¹⁾ Oil change

²⁾ In conjunction with optional M Driver's Package