

IMMEDIATE

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2002 BMW M3 COUPE & CONVERTIBLE SPECIFICATIONS

Bold within table indicates specification that is new for 2002, or different from preliminary data given earlier.

	M3 coupe	M3 convertible
GENERAL		
Curb weight, lb.	3415	3781
Weight distribution, front/rear, %	50.3/49.7	49.9/50.1
Wheelbase, in.	107.5 ¹	
Track, front/rear, in.	59.4/60.0 ¹	
Length x width x height, in.	176.9 x 70.1 x 54.0	176.9 x 70.1 x 53.9
BODY		
Type	Unitized all-steel structure ¹	
Aerodynamic drag coefficient	0.33 ¹	0.35 ¹
EPA size classification	Sub-compact	Mini-compact
ACCOMMODATIONS		
Seating capacity, persons	5	4
Shoulder room	54.5/52.7	54.5/45.9
Head room, front/rear, in.:		
without moonroof	37.5/36.5 ¹	38.4/36.9
with moonroof	36.3/36.2 ¹	–
Leg room, front/rear, in.	41.7/33.2	41.7/32.0
EPA interior volume, cu ft.	84.4	80.0
EPA cargo volume, cu ft.	9.5 ²	7.7 ³

¹ – Specification applies to both models.

	M3 coupe	M3 convertible
ENGINE & ELECTRICAL		
Engine type	DOHC 24-valve inline 6-cylinder High-Pressure Double VANOS ⁴ steplessly variable intake- & exhaust- valve timing, 6 individual electronically controlled throttles with Normal & Sport settings ¹	
Bore x stroke, mm/in.	87.0 x 91.0 / 3.43 x 3.58 ¹	
Displacement, cc/cu in.	3246/198 ¹	
Compression ratio	11.5:1 ¹	
Power @ rpm, hp SAE net	333 @ 7900 ¹	
Torque @ rpm, lb-ft.	262 @ 4900 ¹	
Engine-management system	BMW MS S54 with adaptive knock control; variable valve timing, electronic throttles, oil-level/temperature sender, variable tachometer warning zone, catalyst protection & M Driving Dynamics Control included in control strategy ¹	
Fuel requirement	Premium unleaded ¹	
Fuel capacity, U.S. gal.	16.6 ¹	
Battery capacity, amp-hr.	70 ²	
Alternator output, amp./W	120/1680 ¹	

² - Can be expanded via folding rear seats.

³ - With softtop lowered. Volume with softtop raised & variable compartment adjusted is approximately 15% greater.

⁴ - VANOS = **VA**riable **NO**ckenwellen **S**teuerung = variable cam control, or variable valve timing.

	M3 coupe	M3 convertible
DRIVETRAIN		
Drive system	Front engine/rear drive ¹	
Manual transmission	Getrag Type D, 6-speed ¹	
Ratios: 1st	4.23:1 ¹	
2nd	2.53:1 ¹	
3rd	1.67:1 ¹	
4th	1.23:1 ¹	
5th	1.00:1 ¹	
6th	0.83:1 ¹	
Reverse	3.75:1 ¹	
Final drive ratio	3.62:1 ¹	
Sequential Manual Gearbox	Getrag Type D, 6-speed with	
electro-		
(SMG)	hydraulic sequential shifting, driver-	
	controlled or automatic according	
to		
	electronic programs S1-S6 or A1-A5	
	(DRIVELOGIC); same ratios as above¹	
CHASSIS		
Body/frame construction	Unitized steel ¹	
Front suspension	BMW M sport suspension; thrust plate, struts, unique forged-aluminum lower arms, steel balljoints/rubber bushings, coil springs, twin-tube gas-pressure shock absorbers, anti-roll bar ¹	
Rear suspension	BMW M sport suspension; special subframe & V-brace, multi-link system with Central Links, upper & lower lateral links (upper links of cast aluminum), steel balljoints at outer ends of lateral links, coil springs, twin-tube gas-pressure shock absorbers, anti-roll bar ¹	

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CHASSIS (cont.)		
Steering type	Rack & pinion, engine-speed-sensitive power assist ¹	
Overall ratio	15.4:1 ¹	
Turns lock-to-lock	3.0 ¹	
Turning circle, ft.	36.1 ¹	
4-wheel ventilated disc brakes:		
Diameter, front, mm/in.	325/12.8 ¹	
Diameter, rear, mm/in.	328/12.1 ¹	
Assist	Vacuum ¹	
Wheels	Cast alloy, 18 x 8.0 front / 18 x 9.0 rear ¹	
Tires	Performance radials, 225/45ZR-18 front / 255/40ZR-18 rear ²	
Stability-enhancement system unique	Dynamic Stability Control (DSC) with M logic, including all-speed traction electronic brake proportioning, antilock braking (ABS), Dynamic Brake Control & cornering/avoidance-stability enhancement;	
	M Variable Differential Lock	
PERFORMANCE DATA		
Acceleration, 0-60 mph, sec. ⁵	4.8	5.4
Top speed, mph	155 ^{1 6}	
Fuel economy, EPA est. MPG, city/highway	16/24	16/23

⁵ – BMW of North America, LLC test results. Actual acceleration results may vary depending on specification of vehicle; road & environmental conditions; test procedures and driving style. These results should be used for comparison only, and verification should not be attempted on public roads. BMW urges you to obey all posted speed limits and to please wear your safety belt at all times.

⁶ – Electronically limited.