

Contact

Robert D. Mitchell
Product Information Manager
201-307-3790/rob.mitchell@bmwna.com

David Buchko
Product Information Specialist
201-307-3789/dave.buchko@bmwna.com

2000 BMW M5 SPECIFICATIONS

Bold indicates new specification (relative to 2000 540i 6-Speed sedan)

GENERAL

Curb weight, lb.	4024
Weight distribution, front/rear, %	52.1/47.9
Wheelbase, in.	111.4
Track, front/rear, in.	59.6/60.1
Length x width x height, in.	188.3 x 70.9 x 56.6

BODY

Type	Unitized all-steel structure
Aerodynamic drag coefficient	0.31
EPA size classification	Compact

ACCOMMODATIONS

Seating capacity, persons	5
Shoulder room	56.8/55.9
Head room, front/rear, in.	37.4/37.2
Leg room, front/rear, in.	41.7/34.2
EPA interior volume, cu ft.	92.5
EPA cargo volume, cu ft.	11.1 ¹

ENGINE & ELECTRICAL

Engine type	DOHC 32-valve (4-cam) V-8, Double VANOS ² steplessly variable valve timing, 8 individual electronically controlled throttles with Normal & Sport settings
Bore x stroke, in./mm	3.70 x 3.50 / 94.0 x 89.0
Displacement, cu in./cc	4941/302

¹ Can be expanded by available folding rear seats.

² VANOS = **V**ARIABLE **N**OCKENWELLEN **S**TEUERUNG = variable cam control, or variable valve timing.

Compression ratio
Power @ rpm, hp SAE net
Torque @ rpm, lb-ft.
Engine-management system

included

Fuel requirement
Fuel capacity, U.S. gal.
Battery capacity, amp-hr.
Alternator output, amp./W

DRIVETRAIN

Drive system
Manual transmission
Ratios: 1st
 2nd
 3rd
 4th
 5th
 6th
 Reverse
Final drive ratio

CHASSIS

Body/frame construction
Front suspension

Rear suspension

11.0:1

400 @ 6600

369 @ 3800

Siemens **MSS 52** with
adaptive knock control;
variable valve timing,
electronic throttle
system, g-sensitive
lubrication system, oil-
level/temperature sender,
variable tachometer
warning zone, catalyst
protection & M Driving
Dynamics Control

in control strategy

Premium unleaded
18.5
110
120/1680

Front engine/rear drive
Getrag Type D, 6-speed
4.23:1
2.53:1
1.67:1
1.23:1
1.00:1
0.83:1
3.75:1
2.81:1

Unitized steel

BMW M sport suspension
in aluminum; struts, double-
pivot lower arms, coil springs,
polyurethane auxiliary
springs, twin-tube gas-
pressure shock absorbers,
anti-roll bar

BMW M sport suspension

Steering type	in aluminum; 4-link integral system, coil springs, polyurethane auxiliary springs , twin-tube gas-pressure shock absorbers, anti-roll bar; includes aluminum subframe
ball,	Self-adjusting recirculating
	vehicle-speed-sensitive power assist with M Driving Dynamics Control (Normal & Sport settings)
Overall ratio	14.7:1
Turns lock-to-lock	3.0
Turning circle, ft.	38.1
Antilock braking system with 4-wheel ventilated discs:	
Front discs, diameter x thickness	13.6 x 1.18 in.
Rear discs, diameter x thickness	12.9 x 0.79 in.
Assist	Vacuum
Wheels	Cast alloy, 18 x 8.0 front / 18 x 9.5
rear	
Tires	Performance radials, 245/40ZR-18 front / 275/35ZR-18 rear
Stability-enhancement systems	Antilock braking system (ABS), All Season Traction (AST) & Dynamic Stability Control

PERFORMANCE DATA

Acceleration, 0-60 mph, sec., manufacturer's data ³	TBA
Top speed, mph	155 ⁴
Fuel economy, EPA est. MPG, city/highway	13/21

TBA – To be announced.

³ BMW of North America, Inc. 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.

⁴ Electronically limited.