

BMW 2001



M5



Presenting the world's most luxurious slingshot.



“...simply the most desirable sedan
in the world at any price”

— *Car and Driver*, March 2000



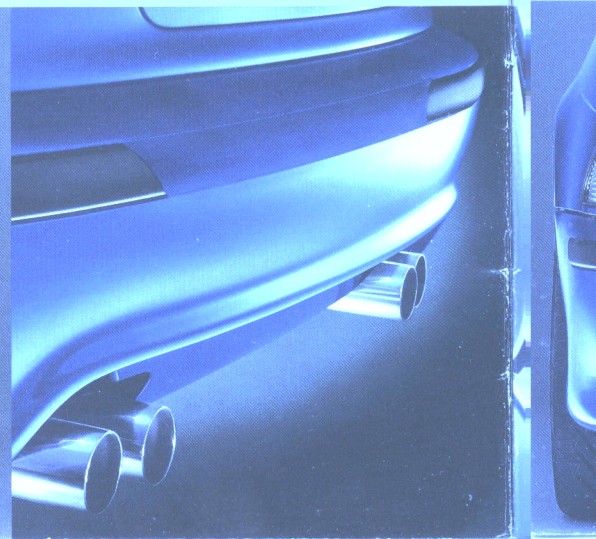
The BMW M5. A car that not only combines the virtues of extreme performance and total luxury - it redefines them. Here, massive 18" wheels and a sophisticated M-calibrated suspension turn the power of the five-liter engine into pure precision. Here, you will know what it means to drive without

compromise. To pilot a machine that represents the seemingly impossible combination of five-passenger practicality and supercar performance. Nothing sacrificed, nothing left to chance. This is the car every engineer dreams of building. The car every enthusiast aspires to possess.

The car no one thought could be built.

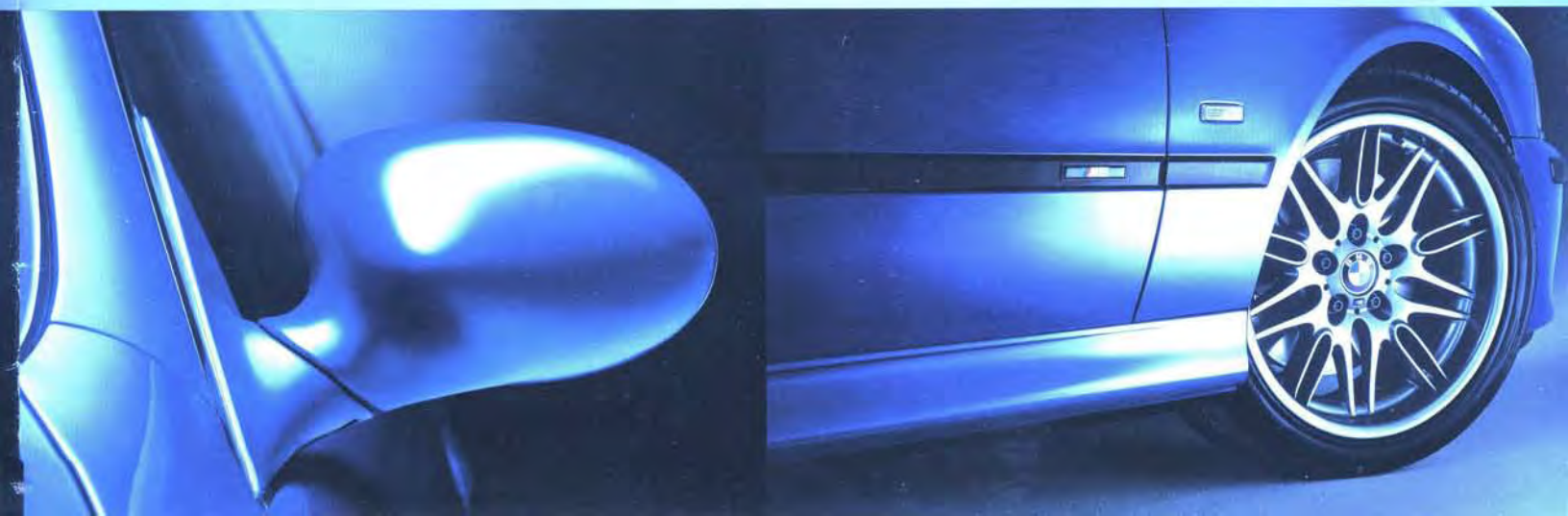
A staggering amount of power, an incredible amount of poise. For the true automotive enthusiast, the subtle external styling cues of the M5 are enough to convey the spirit that lurks beneath the hood. The lines are more aggressive, lowered by the front spoiler with its hungry air intakes. The running gear is more imposing: 18" M-style 10-Spoke Satin Chrome finish cast-alloy wheels. The sound of the engine is revealing, emerging from dual-twin, chrome-tipped exhaust pipes. But the proof is in the driving. In the way the 5-liter V-8 settles you back into the Nappa leather driver's seat as the car moves from 0-60 in a blistering 4.8 seconds.* And when the time comes to reign all that power in, the massive 4-wheel ventilated ABS disc brakes with Dynamic Brake Control are more than capable. Of course, because this is the quintessential BMW, performance is never measured in just a straight line. The BMW M handling brilliance, honed on the world's most demanding racing tracks, is always in evidence, courtesy of a lightweight aluminum suspension and near-perfect weight distribution.

* BMW of North America test results. Obey local traffic laws.





Road - it's what's for dinner





European interior shown.

Welcome to the seat of power



Great power demands great comfort.

The thrill is there every time you get behind the wheel. You are surrounded by only the finest materials and latest technology. You are immersed in a road-going tradition three-quarters of a century in the making. Choose from two distinguished interior choices, with a wide range of Nappa leather upholstery and trim options that allow you to custom-tailor your experience. The elegant "Luxury" interior provides ultrasoft leather accented with either genuine Bruyere Club or Burl Walnut wood trim. The "Sport" interior electrifies with striking two-tone Nappa leather upholstery and Aluminum or Bruyere Club wood trim. Both interiors include an Alcantara Anthracite headliner, for unparalleled refinement. Details like an illuminated shift knob, chrome-ringed instrument dials and tachometer with a variable warning field add to the high-tech environment, as do the standard BMW on-board navigation system, Vehicle and Key Memory and automatic-dimming mirrors. Also standard: a 12-speaker premium sound system with Digital Sound Processing and a trunk-mounted six-disc CD changer.

More than simply a luxurious refuge, the rigid, reinforced passenger cabin is also one of the safest on the road. Robust safety features include the BMW Head Protection System, front-door-mounted side-impact airbags, dual-threshold "smart" front airbags and interlocking door anchoring system. All of this, in addition to the legendary handling and braking power that can help you avoid an accident in the first place. Your sense of security is further enhanced with a standard keyless entry alarm system and Coded Driveaway Protection, which makes the M5 as difficult to steal as it is to copy.



Standard equipment | Optional equipment

Performance and efficiency

M5

5-liter dual overhead cam (DOHC), 32-valve aluminum 90° V-8 engine with Double-VANOS steplessly variable valve timing	•
8 individual throttles, electronically controlled, with M Driving Dynamics Control (2 settings)	•
G-sensitive semi-dry-sump lubrication system	•
Oil coolant heat exchanger	•
Digital Motor Electronics (DME) with fail-safe mode and on-board diagnostics	•
Distributorless electronic ignition system	•
Cylinder-specific knock control	•
6-speed manual transmission with heavy-duty clutch and direct 1:1 fifth gear	•

Handling, ride and braking

Dynamic Stability Control	•
All Season Traction with limited slip differential	•
Vehicle-speed-sensitive variable-assist power steering with M Driving Dynamics Control (2 settings)	•
Aluminum double-pivot strut-type front suspension and 4-link integral rear suspension	•
Independent suspension with M calibration (stiffened dampers, springs and anti-roll bars; modified rear axle geometry)	•
Gas-pressurized front struts and rear shock absorbers	•
Four-wheel BMW M vacuum-assisted ventilated disc brakes	•
High-performance-tuned anti-lock braking system (ABS)	•

Interior seating and trim

Sport Interior with Nappa Point leather and aluminum trim or optional Bruyere Club genuine wood trim (N/C) with Alcantara Anthracite headliner, sun visors, and rear parcel shelf	•
Luxury Interior with Nappa Heritage leather and Bruyere Club or Burr walnut genuine wood trim (N/C) with Alcantara Anthracite headliner, sun visors, pillars and rear parcel shelf	•
16-way power BMW M front sport seats with 4-way lumbar support and adjustable thigh support	•
3-setting memory system for driver's seat and safety belt height, steering wheel and outside mirrors	•
Heated front seats	•
M-badged doorsills	•
Chrome-ringed instrument dials and interior trim	•
Front and rear center armrest	•

Exterior

M Double Spoke light cast-alloy wheels, satin chrome finish with Safe Stop rim design, 18x8.0-in. front/18x9.5-in. rear with 245/40ZR18 and 275/35ZR-18 rear performance tires	•
Tire Pressure Control monitoring system	•
BMW M front spoiler, rear apron/air diffuser, trunklid spoiler	•
Wraparound body-colored bumpers with hydraulic energy absorbers and front-compressible elements	•
Xenon low-beam headlights with dynamic auto-leveling feature	•
Halogen free-form foglights (BMW M oval shape)	•
Individual illuminating rings on all four headlights	•
High-pressure liquid headlight cleaning system	•
Aerodynamically designed BMW M-power side-view mirrors	•
Side-view mirrors with electrochromic auto-dimming, power fold-up feature and automatic tilt-down of passenger's side-view mirror when vehicle is shifted into reverse gear	•
Heated side-view mirrors, windshield washer jets and door locks	•
Rain-sensing windshield wipers	•
Choice of standard or metallic paint, including special BMW M colors	•
Four polished stainless-steel exhaust tips	•
Clear turn-signal lenses, front and rear	•
Rear lenses in brilliant optics	•
High-gloss shadowline trim	•
Park Distance Control with front and rear sensors	○
Rear Spoiler deletion	○

Audio system

Anti-theft AM/FM stereo/cassette/CD audio system with 12 speakers (incl. 2 subwoofers), Radio Data System (RDS), Digital Sound Processing (DSP), 6-disc CD changer and 4-channel FM diversity antenna system.	•
M audio system with enhanced bass includes new dual 10" free-air subwoofers (no enclosure) for substantial bass performance and front-door-mounted mid-range upgraded to coaxial speakers; anti-theft AM/FM stereo/cassette/CD audio system with 10 speakers, Radio Data System (RDS), Digital Sound Processing (DSP), 6-disc CD changer and 4-channel FM diversity antenna. New front door mid-range speakers and 10" subwoofers utilize Kevlar core material for better power handling.	○



Instrumentation and controls

M5

Recalibrated M-design instrument cluster with gray gauge background	•
Service Interval Indicator	•
Oil temperature gauge	•
Check Control vehicle monitoring system	•
External temperature display	•
Variable warning segment on tachometer	•
On-board computer	•
On-board navigation system (includes 6.5" screen with 16x9 format)	•
Vehicle & Key Memory	•

Comfort and convenience

Air conditioning	•
Automatic climate control with separate left/right temperature controls, automatic recirculation, residual/rest heat features and MAX air conditioning feature, including solar sensor that senses direct sunlight within the interior and adjusts climate control	•
Micro-filtered ventilation system with activated charcoal filters	•
Automatic ventilation system (can be programmed to ventilate vehicle when parked)	•
Power, glass 2-way moonroof with remote, one-touch operation and sliding interior sunshade	•
Power windows with "key off" and "one touch" up and down operation both front and rear, anti-trapping feature	•
Automatic-dimming inside rear-view mirror	•
Power tilt/telescopic M 3-spoke, leather-wrapped multi-function sport steering wheel with fingertip cruise, audio and accessory phone controls, M color stitching	•
Cruise control	•
Dual sun visors with vanity mirrors	•
Courtesy lights with fade-in/fade-out feature, actuation from remote control	•
BMW ambiance lighting	•
Front and rear reading lights, separately controllable left/right	•
Console valet	•
Cupholders	•
Pre-wiring for BMW Cellular Phone System	•
Keyless entry with multi-function remote, 2-step unlocking, remote trunk release	•
Split fold-down lockable rear seats and ski bag	○
Power-operated rear window sunshade; manual rear side-window sunshades ¹	○
Electric interior trunk release	•
Fully finished trunk with luggage straps, luggage net and concealed storage	•
Rechargeable take-out flashlight in glovebox	•
Trunk-mounted tool kit	•

Safety and security

Driver's and passenger's front airbag supplemental restraint system (SRS) with dual-threshold and "smart" dual-stage deployment, and sensor to help prevent unnecessary passenger's airbag deployment	•
Front-door-mounted side-impact airbags	•
Rear-door side airbags, incorporating rear Head Protection System (HPS)	○
Head Protection System (HPS)	•
Automatic front safety belt tensioners and force limiters	•
Automatic height adjustment for front safety belts	•
Child seat automatic safety belt locking device	•
Interlocking door anchoring system to help protect against door intrusion in side impacts	•
Central locking system (leaves gas filler door unlocked) and double-lock feature	•
Coded Driveaway Protection (prevents engine start when your key, with constantly changing electronic code, is not used)	•
Crash sensor that automatically turns on hazard lights, interior lights and unlocks doors	•
Alarm system with operation from keyhead remote, interior motion detector	•
Battery Safety Terminal	•
Automatic fuel cut-off, triggered by airbag deployment	•
M Mobility System (includes lifetime BMW Roadside Assistance)	•

BMW Maintenance Program

BMW Full Maintenance ²	•
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¹ Only available with Sport interior.

² Full Maintenance program covers all factory-recommended maintenance, as determined by the Service Interval Indicator for 3 years or 36,000 miles, whichever comes first. Full Maintenance program includes items that need replacement due to normal wear and tear, provided wear and tear exceeds BMW specifications. This includes items such as brake pads, brake rotors and wiper blades that are not covered by the original New Vehicle Limited Warranty. Any adjustments required due to normal operating conditions are also included. For exclusions and limitations, refer to the Service and Warranty Information booklet that came with the new BMW. A Full Maintenance Program upgrade to 4 years/50,000 miles is available.

M5 Technical Data

Weight

Unladen weight	lbs	4024
Weight distribution, front/rear	%	52/48

Engine

Liters/type/valves		5/V-8/32
Displacement	cu cm	4941
Bore/stroke	in	3.70/3.50
Nominal output/rpm	hp	394/6600
Max. torque/rpm	lb-ft	368/3800
Gear ratios	I/II	:1 4.23/2.53
	III/IV	:1 1.67/1.23
	V/VI/R	:1 1.00/0.83/3.75
Final drive ratio	:1	3.15

Performance

Drag coefficient	C _d	0.31
Top speed ¹	mph	155
Acceleration 0-60 mph	sec	4.8 ²

Fuel consumption

City/highway	mpg	13/21
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Brakes

Front	in	13.6
Rear	in	12.9

Wheels

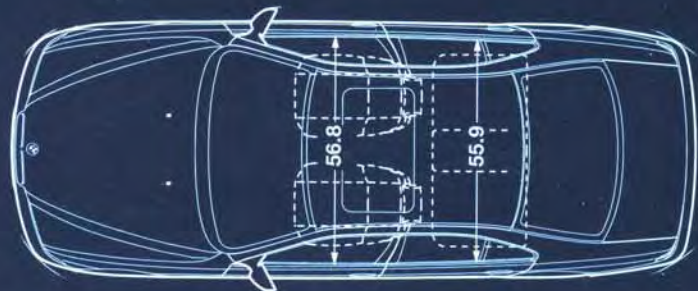
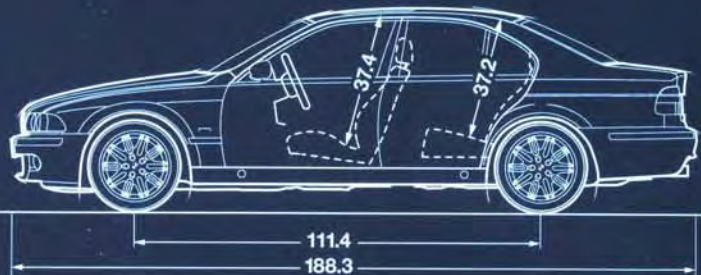
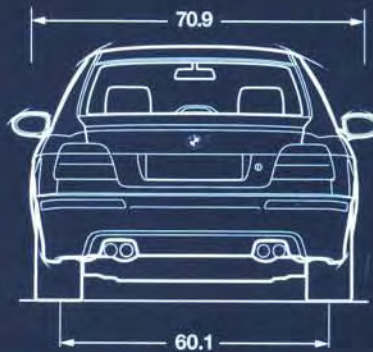
Wheel dimensions	18 x 8.0 front
(light cast-alloy wheels)	18 x 9.5 rear
Tire dimensions	245/40ZR-18 front
(performance tires)	275/35ZR-18 rear

Electrical System

Battery capacity	amp-hours	110
Alternator output	amps/watts	120/1680

¹ Top speed limited electronically

² BMW of North America test results. Actual acceleration results may vary, depending on specification of vehicle, road and environmental conditions; testing 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 laws and always wear safety belts.**



All dimensions in inches.

Exterior | Interior color combinations

Interior Upholstery	Upholstery Color	Code No.	Non-Metallic Colors			Metallic Colors						
			Alpine White 300	Imola Red 405	Jet Black 668	Titanium Silver 354	Silverstone 425	Anthracite 397	Le Mans Blue 381	Oxford Green 430	Royal Red 390	Carbon Black 416
Sport Interior Standard Leather Nappa Point	Silverstone	O5SS			•	•	•		•			•
	Le Mans Blue	O5LB			•	•			•			•
	Imola Red	O5IM	•	•	•	•	•	•				•
	Black	O5SW	•	•	•	•	•	•	•	•	•	•
Luxury Interior All Leather Nappa Heritage	Caramel	M1CR	•	•	•			•	•	•	•	•
	Black	M1SW	•	•	•	•	•	•	•	•	•	•

Sport Interior Standard Leather Nappa Point



O5SS Silverstone



O5LB Le Mans Blue



O5IM Imola Red



O5SW Black

Luxury Interior All Leather Nappa Heritage

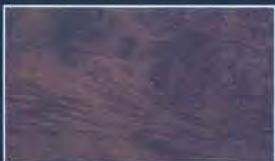


M1CR Caramel



M1SW Black

Interior Trim



Bruyere Club Wood

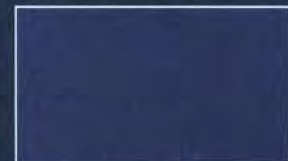


Burr Walnut Wood



Aluminum

Interior Headliner



Alcantara Anthracite

BMW



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