

The all-new 2006
BMW M5



The Ultimate
Driving Machine®





Or a wolf in sheep's clothing?





A 500-horsepower
understatement.

Two front-row seats for
performance art.





M-style performance — optimized in every detail.

1 M side gills.

2 Front airdam with three air intake scoops.

3 M side-view mirror enhances aerodynamics.

4 Two dual chrome-plated stainless-steel tailpipes, diffuser and M rear spoiler.

5 19" M Radial Spoke (Styling 166M) light cast-alloy wheels.¹

¹ Due to low-profile tires, please note: wheels, tires and suspension parts are more susceptible to road hazard and consequential damages. Performance tires not recommended for driving in ice and snow.





1 Door sill trim with illuminated M5 logo.

2 Information Display with white illuminated surrounds on the speedometer and tachometer, and instrument needles illuminated in red.

3 M-style Head-Up Display.

4 Illuminated SMG selector lever.

5 16-way power BMW M front sport seats.



Combinations

	Merino Leather (Extended) ¹			Perforated Merino Leather (Full) ^{2,3}			Merino Leather (Full) ^{3,4}				
Upholstery colors	Silverstone II	Sepang	Black	Silverstone II	Sepang	Black	Silverstone II	Sepang	Portland Brown	Indianapolis Red	Black
Exterior paint colors ⁵											
300 Alpine White Non-metallic	●	●	●	●		●	●			●	●
A29 Silverstone Silver Metallic	●		●	●		●	●			●	●
A08 Silver Gray Metallic	●		●	●		●	●			●	●
A32 Sepang Bronze Metallic		●	●		●	●		●	●		●
A31 Indianapolis Red Metallic			●			●				●	●
A30 Interlagos Blue Metallic	●		●	●		●	●				●
475 Black Sapphire Metallic	●	●	●	●	●	●	●	●	●	●	●
Interior trim											
Brushed Aluminum Shadow ⁶											
Olive Ash Wood ⁷											
Walnut Madeira Wood ⁷											

¹Merino Leather (Extended): Standard; includes Anthracite Cloth headliner and side pillars.

²Perforated Merino Leather (Full) with Ventilated Seat feature: Optional; requires optional M multi-function front seats with Active width-adjustment feature.

³Full Leather includes leather-covered instrument panel, center console and door panels, and Anthracite Alcantara roofliner.

⁴Merino Leather (Full): Optional.

⁵All exterior paint colors are standard on the M5.

⁶Brushed Aluminum Shadow trim: Standard.

⁷Olive Ash Wood trim and Walnut Madeira Wood trim: No-cost options.

Equipment | Standard and Optional

Performance and efficiency		M5	Exterior		M5
5.0-liter, 40-valve V-10 engine with M high-pressure Double-VANOS "steplessly" variable valve timing		●	M Radial Spoke (Styling 166M) light cast-alloy wheels, 19 x 8.5 front/19 x 9.5 rear, with 255/40ZR-19 front / 285/35ZR-19 rear performance tires ²		●
10 individual throttle butterflies, electronically controlled		●	Tire Pressure Monitor system		●
G-sensitive semi-dry-sump lubrication system		●	BMW M front spoiler, rear apron/air diffuser		●
Oil coolant heat exchanger		●	Rear spoiler		●
Digital Motor Electronics (DME) with on-board diagnostics		●	Wraparound body-colored bumpers with hydraulic energy absorbers and front-compressible elements		●
Ion flow knock control		●	Xenon Adaptive Headlights with dynamic auto-leveling feature and individual illuminating rings on all 4 headlights		●
3-way catalytic converter with heated oxygen sensor, activated carbon filter, controlled tank purge		●	Headlight washing system		●
7-speed Sequential Manual Gearbox (SMG) with Drivelogic		●	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		●
Handling, ride and braking			Heated side-view mirrors, windshield washer jets and door locks		●
Dynamic Stability Control (DSC) with M Dynamic Mode (MDM)		●	Rain-sensing windshield wipers with Automatic headlight control		●
All Season Traction with M Variable Differential Lock		●	4 polished stainless-steel exhaust tips		●
Vehicle-speed-sensitive variable-assist power steering (M Servotronic) with M Driving Dynamics Control (2 settings – throttle and steering)		●	Clear turn-signal lenses – front, side and rear		●
Aluminum double-pivot strut-type front suspension and 4-link integral rear suspension		●	Rear taillight lenses with brilliant optics		●
Independent suspension with M calibration (stiffened dampers, springs and anti-roll bars; modified rear axle geometry)		●	Park Distance Control with front and rear sensors		●
Electronic Damper Control with Comfort, Normal and Sport programs		●	Twin-chamber exhaust system with twin dual chrome-plated tailpipes		●
Gas-pressurized, lightweight, double-joint spring strut front axle with aluminum crossbar		●	Choice of standard or metallic paint		●
Lightweight integral rear axle		●	Interior seating and trim³		
4-wheel BMW M vacuum-assisted ventilated, cross-drilled anti-lock disc brakes (ABS) with compound disc brakes		●	16-way power BMW M front sport seats (includes 4-way lumbar support and 2-way thigh support), and 2-way manual headrests		●
Instrumentation and controls			3-setting memory system for driver's seat and safety belt height, steering wheel and outside mirrors		●
M multi-function leather-wrapped sport steering wheel with SMG paddles, M Drive function and cruise control		●	M multi-function front seats with active width adjustment		○
M-design instrument cluster with white-illuminated gauges, with oil temperature gauge and variable warning segment on tachometer		●	Merino Leather upholstery (Extended)		●
Service Interval Indicator		●	Merino Leather upholstery (Full)		○
Check Control vehicle monitoring system		●	Perforated Merino Leather upholstery (Full) with Ventilated Seats feature (requires optional M multi-function seats)		○
External temperature display		●	Front and rear center armrest		●
On-board computer		●	M-badged doorsills		●
On-board navigation system (includes 8.8" screen with 16 x 9 format)		●			
Head-Up Display with additional M-specific display functions, including speed, dynamic engine speed range, shift lights, etc. ¹		○			
Voice Command System		●			
Vehicle & Key Memory		●			

● = Standard
○ = Optional

¹ Not available with Green band windshield.

² Due to low-profile tires, please note: wheels, tires and suspension parts are more susceptible to road hazard and consequential damages. Performance tires not recommended for driving in ice and snow.

³ See page 41 for requirements on ordering upholstery, seats and trim.

Technical Data | Specifications

Weight		M5	Performance		M5
Unladen	lb	4012	Drag coefficient	C _d	0.31
Weight distribution, front/rear	%	52.2/47.8	Top speed ¹	mph	155
			Acceleration 0 – 60 mph ²	sec	4.5
Engine			Fuel consumption ³		
Liters/cylinders/valves per cylinder		5.0/V-10/4	7-speed SMG transmission		
Displacement	cu cm	4999	City	mpg	TBD
Bore/Stroke	in	3.62/2.96	Highway	mpg	TBD
Nominal output/rpm	hp	500/7750	Tires and Wheels		
Max torque/rpm	lb-ft	383/6100	Tire dimensions (performance tires) ⁴	front	255/40ZR-19
Compression ratio	:1	12.0		rear	285/35ZR-19
Transmission			Wheel dimensions, front/rear		19 x 8.5 / 19 x 9.5
SMG gear ratios			Material		Light cast-alloy
I/II/III	:1	3.99/2.65/1.81			
IV/V/VI	:1	1.39/1.16/1.00			
VII/R	:1	0.83/3.99			
Final drive ratio	:1	3.62			

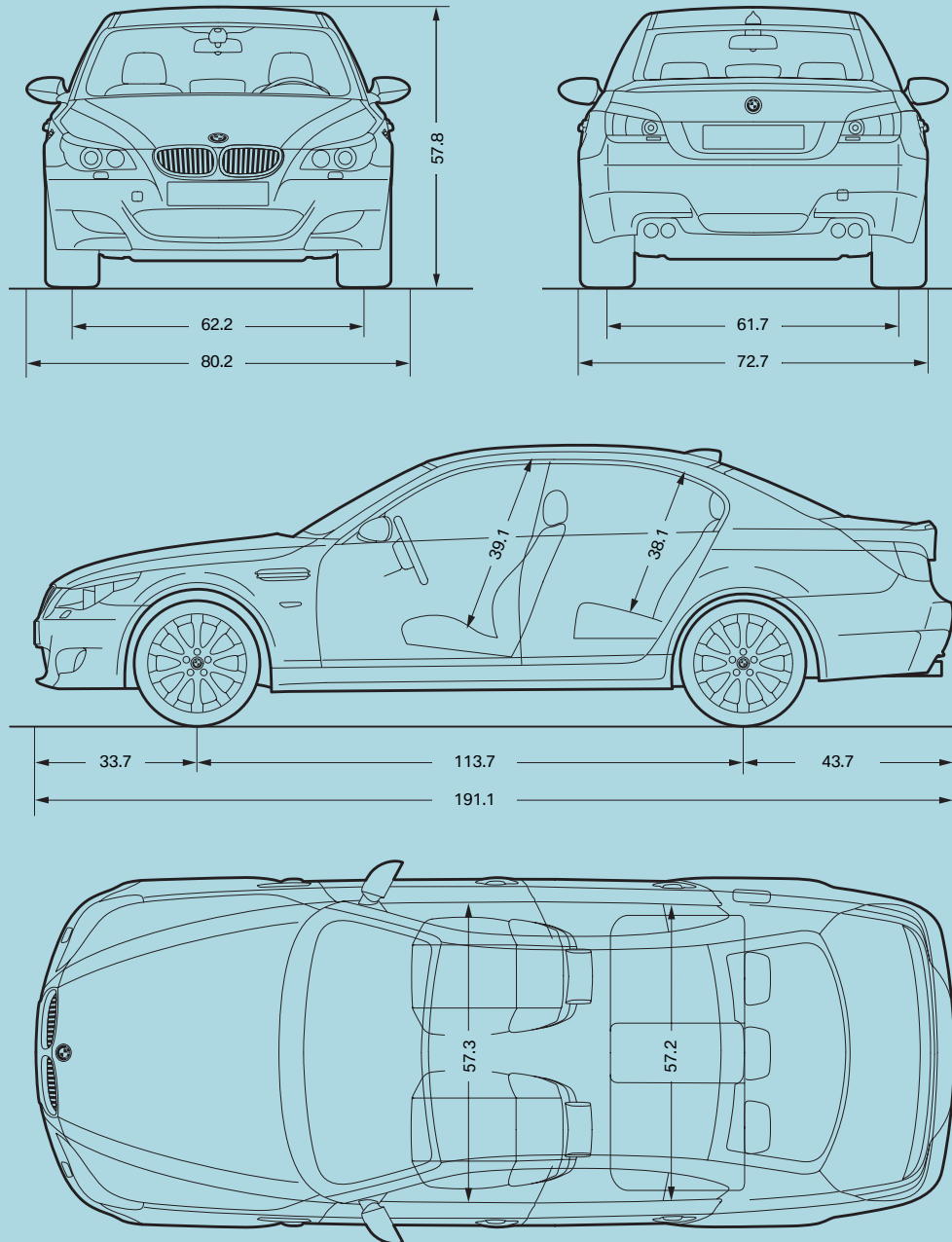
Please note: Technical specifications are subject to change without notice.

¹Top speed limited electronically.

²BMW AG test results.

³EPA-estimated figures are for comparison purposes only. Your actual mileage will vary, depending on speed, driving habits, trip length and driving conditions; actual mileage will most likely be lower.

⁴BMW AG 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 of technical drawings in inches.

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