



For Release: October 2006

2006 BMW M5

Standard & Optional Features

Performance & efficiency

5.0-liter DOHC 40-valve V-10 engine:

Aluminum cylinder block & heads, bedplate construction S

Double high-pressure VANOS steplessly variable valve timing ¹ S

10 individual throttles, electronically controlled, with variable throttle response & maximum power level (3 settings) S

Machined intake ports & combustion chambers S

Special BMW MS S65 electronic engine management system S

Direct ignition system with pencil coils S

Ionic-current knock control S

Semi-dry-sump, G-sensitive lubrication system S

7-speed Sequential Manual Gearbox (SMG) with DRIVELOGIC,
11 shift programs & Launch Control S

6-speed manual transmission OPT ²

Handling, ride & braking

Specially equipped & calibrated BMW M suspension system:

Double-pivot-type aluminum front suspension S

4-link Integral aluminum rear suspension S

S – Standard OPT – Optional

Handling, ride & braking (cont.)

BMW M Electronic Damping Control (EDC) with Comfort, Normal,
& Sport modes S

Vehicle-speed-sensitive variable-assist, variable-ratio power steering
with Comfort & Sport levels of power assist S

¹ – VANOS = **VA**riable **NO**ckenwellen **St**euering = variable camshaft control, or variable valve timing.

² – Delayed availability (Fall 2006).

4-wheel compound, ventilated & cross-ventilated disc brakes	S
M Double Spoke alloy wheels (design #166M), 19 x 8.5 front/19 x 9.5 rear	S
255/40ZR-19 front / 285/35ZR-19 rear performance tires ³	S
Flat Tire Warning	S
M Mobility System	S
BMW M-calibrated Dynamic Stability Control (DSC), including all-speed traction control, electronic brake proportioning, antilock braking (ABS), cornering/braking stability enhancement, Dynamic Brake Control, Brake Standby, Brake Drying, Start-off Assistant & M Dynamic Mode	S
M Variable Differential Lock	S
MDrive system, providing 1-touch selection of preferred combination of 3 throttle/power settings, 11 transmission programs, 3 EDC modes, 2 DSC modes & de-activated DSC	S

Exterior design & function

Special BMW M front bumper/spoiler/air-intake ensemble with “flaps”	S
Xenon Adaptive headlights with dynamic auto-leveling	S
Automatic headlight control	S
High-intensity headlight cleaning system with retracting nozzles	S
Daytime running lamps	S ⁴
Park Distance Control	S
Rain-sensing windshield wipers with articulated passenger’s-side wiper arm, single-wipe control, windshield-washer system with heated washer jets	S
BMW M exterior mirrors	S
BMW M exterior paint selection, choice of standard or metallic	S
Side gills with M5 logos	S

S – Standard

Exterior design & function (cont.)

Satin Chrome Shadowline side-window trim	S
Unique side sills	S
Rear spoiler	S ⁵

³ – Due to low-profile tires, please note: Wheels, tires and suspension parts are more susceptible to road hazard and consequential damages. The M5 is not equipped with a spare tire and wheel. Performance tires are not recommended for driving in snow and ice conditions.

⁴ – Selectable via Vehicle Memory system (programming by user or BMW Center).

⁵ – May be deleted at no extra cost.

Special BMW M rear bumper/diffusor ensemble with “flaps”	S
Four stainless-steel exhaust tips	S

Ergonomics, luxury & convenience

Vehicle & Key Memory	S
Multi-function remote:	
Selective locking	S
Remote trunk release	S
Comfort Access	OPT
Soft-close doors	OPT ²
Dual power/heated exterior mirrors	S
Automatic tilt-down of right exterior mirror for visibility of curb when backing up	S
Automatic-dimming interior & exterior mirrors	S
BMW Universal Transceiver (3-function garage-door opener)	S
Courtesy lights with fade-in/fade-out feature, actuation from remote, automatic switch-on when engine is turned off	S
Front & rear reading lights, separately controlled left/right	S
BMW Ambiance Lighting	S
BMW M exit/entry lighting in door panels	S
Illumination of interior door handles & door storage bins, front footwell lighting & LED exterior ground lighting	S
Lockable glove compartment with rechargeable take-out flashlight	S
Power tilt/telescopic leather-wrapped M sport steering wheel with fingertip cruise, audio & phone ⁶ controls, programmable button & MDrive selector	S
Start/Stop Button	S
Illuminated SMG shift lever	S

S – Standard OPT – Optional

Ergonomics, luxury & convenience (cont.)

16-way driver's/14-way passenger's power/heated M front sport seats, including adjustable thigh support & passive backrest width	S
18-way power/heated M Multi-function sport seats, including Active Backrest Width, adjustable upper-backrest width, 4-way power lumbar support & Active head restraints	OPT

⁶ – Phone controls active when approved cellphone is used in combination with Bluetooth interface.

Memory system for driver's seat, steering wheel & exterior mirrors (2 settings per user)	S
Balance control for front-seat heating	S
Active Seat Ventilation, front seats	OPT ⁷
Adjustable front center armrest	S
2-level center console compartments with climate-controlled lower compartment	S
BMW M instrumentation with –	
Illuminated white scales on speedometer & tachometer	S
Red pointers	S
Oil-temperature gauge	S
Variable warning segment on tachometer	S
LCD main & trip odometers	S
Service Interval Indicator with miles-to-service readout	S
iDrive system with –	
BMW On-board Navigation System, DVD database	S
Force Feedback controller	S
8-function On-board Computer	S
Automatic ventilation	S
TeleService ⁸	S
Phone memory & dialing functions ⁶	S
M Head-up Display	OPT
Merino Leather upholstery:	
Extended Leather	S
Full Leather	OPT
Perforated Full Leather	OPT ⁹

S – Standard OPT – Optional

Ergonomics, luxury & convenience (cont.)

Alcantara headliner	OPT ¹⁰
Brushed-aluminum interior trim	S
Olive Carrara Natural wood interior trim	NC
Walnut Madeira wood interior trim	NC

⁷ – Requires M Multi-function sport seats & Perforated Full Leather upholstery

⁸ – Requires BMW Assist annual fee after 1st year.

⁹ – Requires M Multi-function sport seats & Active seat ventilation, front seats

¹⁰ – Standard and only available with Full Leather upholstery.

Power windows with key-off operation; 1-touch opening & closing of all door windows, anti-trapping feature, opening from remote, closing from exterior lock	S
Automatic climate control with separate left/right temperature & air-distribution controls, automatic recirculation control, bi-directional solar sensor, Heat at Rest, humidity control, temperature- & volume-controlled rear outlets, activated-charcoal microfilter ventilation & other features	S
2-way power moonroof with key-off operation, 1-touch opening & closing, anti-trapping feature, opening from remote, opening & closing from exterior door lock, sliding interior sunshade	S
Anti-theft Logic7 audio system with 13 speakers incl. 2 subwoofers, Digital Sound Processing, Surround Sound simulation, Radio Data System (RDS) & FM diversity antenna system	S
6-disc CD changer in glove compartment	S
Sirius Satellite Radio	OPT/C
Bluetooth cellphone interface	S
Power outlets in front passenger's footwell & trunk	S
Dual cupholders front & rear	S
Dual front sun visors with illuminated mirrors	S
Open storage compartments in front & rear doors	S
Fold-up rear center armrest	S
Seatback storage compartments	S
Heated rear seats	OPT
Split folding rear seats & ski bag	OPT
Power-operated rear & manual rear door-window sunshades	OPT
Rear-window defroster	S
Interior trunk release, electrically operated	S
Fully finished trunk with reversible floormat to keep smaller cargo from sliding	S

S – Standard OPT – Optional NC – No extra cost C – BMW center-installed

Safety & security

Dual front-impact Supplementary Restraint System (SRS) with dual-threshold deployment, 2-stage Smart Airbags	S
Front safety belts with automatic tensioners & force limiters	S
Automatic-locking retractors (ALR) on all passenger safety belts (for installation of child restraint seats)	S
LATCH attachments in rear seat (for installation of child	

restraint seats)	S
Interlocking door anchoring system for side impacts	S
Front- & rear-seat Head Protection System (AHPS II)	S
Front side-impact airbags	S
Rear-seat side-impact airbags & automatic tensioners on rear outboard safety belts	OPT
Active front head restraints	OPT ¹¹
Intelligent Safety & Information System (ISIS) for deployment of safety systems	S
Battery Safety Terminal	S
BMW Assist with <i>Bluetooth</i> [®] wireless technology, including automatic collision notification, SOS button, enhanced Roadside Assistance, TeleService ⁸ , Concierge & Customer Relations services	S
Central locking system with double-lock anti-theft feature, selective unlocking	S
Coded Driveaway Protection	S
Alarm system with operation from remote, interior motion detector	S

S – Standard OPT – Optional

¹¹ – Included with M Multi-function front sport seats.