



For Release: May 1, 2007

Contact: Thomas Plucinsky
Product and Technology Communications Manager
201-307-3783 / thomas.plucinsky@bmwna.com

William Scully
BMW Product Communications Specialist
201-307-3790 / william.scully@bmwna.com

2008 BMW 5 SERIES
Standard & Optional Features

Bold within table indicates new feature for 2008.

Company
BMW of North America, LLC

BMW Group Company

Mailing address
PO Box 1227
Westwood, NJ
07675-1227

Office address
300 Chestnut Ridge Road
Woodcliff Lake, NJ
07677-7731

Telephone
(201) 307-3606

Fax
(201) 307-3607

Internet
bmwusa.com

Performance & efficiency

DOHC 24-valve inline 6-cylinder engine:

3.0-liter

3.0-liter twin-turbo

DOHC (4-cam), 4.8-liter 32-valve V-8 engine

Engine features:

Magnesium/aluminum composition construction

Aluminum construction

Twin turbochargers

Direct fuel injection with piezo injectors

	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
3.0-liter	S	S	NA	NA	NA	NA
3.0-liter twin-turbo	NA	NA	S	S	S	NA
DOHC (4-cam), 4.8-liter 32-valve V-8 engine	NA	NA	NA	NA	NA	S
Magnesium/aluminum composition construction	S	S	NA	NA	NA	NA
Aluminum construction	NA	NA	S	S	S	S
Twin turbochargers	NA	NA	S	S	S	NA
Direct fuel injection with piezo injectors	NA	NA	S	S	S	NA

S – Standard NA – Not Available or Not Applicable

Performance & efficiency (cont.)	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
Valvetronic system	S	S	NA	NA	NA	S
Double VANOS ¹ steplessly variable valve timing	S	S	S	S	S	S
2-stage induction system	NA	NA	NA	NA	NA	S
Electronically controlled engine cooling	S	S	S	S	S	S
Electric water pump	S	S	S	S	S	NA
Volume-controlled oil pump	S	S	S	S	S	NA
Direct ignition system with knock control	S	S	S	S	S	S
Dual exhaust system	S	S	S	S	S	S
6-speed manual transmission	S	S	S ²	S ²	S ²	S
6-speed STEPTRONIC automatic transmission with w/Normal, Sport & Manual shift modes & electronic shifter	NC	NC	NC	NC	NC	NC
6-speed Sport STEPTRONIC automatic transmission w/paddle shifters and rpm matching on downshift	NA	NA	OPT ³	NA	NA	OPT ³
Handling, ride & braking						
Double-pivot-type front suspension	S	S	S	S	S	S
Aluminum front suspension components	S	NA	S	NA	NA	S
Aluminum 4-link Integral Link rear suspension	S	S	S	S	S	S
Self-leveling rear suspension with air springs	NA	NA	NA	NA	S	NA
Front & rear anti-roll (stabilizer) bars	S	S	S	S	S	S

S – Standard NA – Not Available OPT – Optional NC – No Cost

¹ – VANOS = VArIable NOckenwellen Steuerung = variable camshaft control, or variable valve timing.

² – As of 09/07 production

³ – Require(s) Sport Package.

Handling, ride & braking (cont.)	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
Twin-tube gas-pressure shock absorbers	S	S	S	S	S	S
Sport suspension calibration	ZSP	NA	ZSP	NA	NA	ZSP
Active Roll Stabilization (ARS)	ZSP	NA	ZSP	NA	NA	ZSP
Vehicle-speed-sensitive variable-assist, variable-ratio rack & pinion power steering	S	S	S	S	S	S
Active Steering	OPT	NA	OPT	NA	NA	OPT
4-wheel ventilated disc brakes	S	S	S	S	S	S
Dynamic Stability Control (DSC), including electronic brake proportioning, antilock braking (ABS), cornering/braking stability enhancement & Dynamic Brake Control plus –	S	S	S	S	S	S
Dynamic Traction Control	S	NA	S	NA	NA	S
Hill Descent Control	NA	S	NA	S	S	NA
xDrive fulltime all-wheel drive system, electronically controlled with variable front/rear torque split & traction control	NA	S	NA	S	S	NA
17 x 7.5 Star Spoke cast-alloy wheels (design #138)	S	S	NA	NA	S	NA
17 x 7.5 Star Spoke cast-alloy wheels (design #243)	NA	NA	S	S	S	NA
17 x 8.0 V-Spoke cast-alloy wheels (design #245)	NA	NA	NA	NA	NA	S
18 x 8.0 Star Spoke cast-alloy wheels (design #246)	ZSP	OPT ³	NA	NA	NA	NA
18 x 8.0 Star Spoke cast-alloy wheels (design #124)	NA	NA	NA	NA	OPT ³	NA
18 x 8.0 front/18 x 9.0 rear Star Spoke cast-alloy wheels (design #124)	NA	NA	ZSP	OPT ³	NA	NA
19 x 8.0 front/19 x 9.5 rear Star Spoke cast-alloy wheels (design #172M)	NA	NA	NA	NA	NA	ZSP
S – Standard NA – Not Available OPT – Optional ZSP – Sport Package						

Handling, ride & braking (cont.)	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
225/50R-17 V-rated all-season tires	S	S	S	S	S	S
245/40R-18 W-rated run-flat performance tires ⁴	ZSP	OPT ³	NA	NA	OPT ³	NA
245/40R-18 front / 275/35R-18 rear W-rated run-flat performance tires⁴	NA	NA	ZSP	OPT ³	NA	NA
245/35R-19 front / 275/30R-19 rear W-rated performance tires⁴	NA	NA	NA	NA	NA	ZSP
Tire Pressure Monitor	S	S	S	S	S	S
Exterior design & function						
Front & rear body-color bumpers	S	S	S	S	S	S
Halogen free-form headlights	S	S	NA	NA	NA	NA
Xenon Adaptive headlights with dynamic auto-leveling & low-speed cornering lights	OPT	OPT	S	S	S	S
Automatic headlight control	S	S	S	S	S	S
High-intensity headlight cleaning system with retracting nozzles	ZCW	ZCW	ZCW	ZCW	ZCW	ZCW
Daytime running lamps	S ⁵	S ⁵	S ⁵	S ⁵	S ⁵	S ⁵
Halogen free-form foglights	S	S	S	S	S	S
Park Distance Control, front & rear with graphic display	OPT	OPT	OPT	OPT	OPT	OPT
Adaptive Brake Lights	S	S	S	S	S	S

S – Standard NA – Not Available OPT – Optional ZSP – Sport Package ZCW – Cold Weather Package

⁴ – Due to low-profile tires, please note: Wheels, tires and suspension parts are more susceptible to road hazard and consequential damages. Some models are not equipped with a spare tire and wheel. Performance tires are not recommended for driving in snow and ice conditions.

⁵ – Selectable via Vehicle Memory System (programming by user or BMW center).

Exterior design & function (cont.)	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
Rain-sensing windshield wipers with articulated passenger's-side wiper arm, single-wipe control, windshield-washer system with heated washer jets	S	S	S	S	S	S
Rear-window wiper/washer with adjustable wiping interval	NA	NA	NA	NA	S	NA
Roof rails (accommodate various BMW carrier systems)	NA	NA	NA	NA	S	NA
Choice of standard or metallic paint	NC	NC	NC	NC	NC	NC
Chrome/matte-black side-window trim	S	S	S	S	S	S
Satin Chrome Shadowline exterior trim	ZSP	ZSP	ZSP	ZSP	ZSP	ZSP
Ergonomics, luxury & convenience						
Vehicle & Key Memory	S	S	S	S	S	S
Keyless entry with multi-function remote:						
Selective unlocking	S ⁵	S ⁵	S ⁵	S ⁵	S ⁵	S ⁵
Remote trunk or tailgate release	S	S	S	S	S	S
Comfort Access	OPT	OPT	OPT	OPT	OPT	OPT
Start/Stop button	S	S	S	S	S	S
Dual power/heated exterior mirrors w/power-fold feature	S ⁶	S ⁶	S ⁶	S ⁶	S ⁶	S
Automatic tilt-down of right exterior mirror for visibility of curb when backing up	S	S	S	S	S	S
Automatic-dimming interior & exterior mirrors	ZPP	ZPP	ZPP	ZPP	ZPP	S
BMW Universal Transceiver (3-function garage-door opener)	ZPP	ZPP	ZPP	ZPP	ZPP	S

S – Standard NA – Not Available ZSP – Sport Package NC – No Cost ZPP – Premium Package

⁶ – Power-fold feature is part of Premium Package on 528i/xi & 535i/xi models.

Ergonomics, luxury & convenience (cont.)	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
Courtesy lights with fade-in/fade-out feature, actuation from remote, automatic switch-on when engine is turned off	S	S	S	S	S	S
Front & rear reading lights, separately controlled left/right	S	S	S	S	S	S
BMW Ambiance Lighting	S	S	S	S	S	S
Exit/entry lighting in front door panels	S	S	S	S	S	S
Illumination of interior door handles & door storage bins, front footwell lighting, exit/entry lighting in rear door panels, additional trunk lighting & LED exterior ground lighting	ZPP	ZPP	ZPP	ZPP	ZPP	S
Lockable glove compartment with rechargeable take-out flashlight	S	S	S	S	S	S
Power tilt/telescopic leather-wrapped steering wheel with fingertip cruise, audio & phone ⁷ controls, automatic tilt-up for entry & exit	S	S	S	S	S	S
Heated steering wheel	ZCW	ZCW	ZCW	ZCW	ZCW	ZCW
Cruise control	S	S	S	S	S	S
Active Cruise Control w/Stop & Go feature	OPT ⁸	OPT ⁸	OPT ⁸	OPT ⁸	OPT ⁸	OPT ⁸
Adjustable front center armrest	S	S	S	S	S	S
10-way power front seats with power head restraints	S	S	S	S	S	S
Memory system for driver's seat, steering wheel & exterior mirrors (2 settings per user)	S	S	S	S	S	S
4-way power lumbar support, both front seats	ZPP	ZPP	S	S	S	S

S – Standard OPT – Optional ZPP – Premium Package ZCW – Cold Weather Package

⁷ – Phone controls active when approved cellphone is used in combination with Bluetooth interface.

⁸ – Requires automatic transmission.

Ergonomics, luxury & convenience (cont.)	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
20-way power Multi-Contour front seats, including articulated upper backrests & adjustable backrest width, 4-way lumbar support, passenger's-seat memory & Active Head Restraints with adjustable side support	OPT/ ZSP ⁹	OPT/ ZSP ⁹	OPT/ ZSP ⁹	OPT/ ZSP ⁹	OPT/ ZSP ⁹	OPT/ ZPP ⁹
3-stage heated front seats with balance control	OPT/ ZCW	OPT/ ZCW	OPT/ ZCW	OPT/ ZCW	OPT/ ZCW	OPT/ ZCW
2-stage heated rear seats	OPT ¹⁰	OPT ¹⁰	OPT ¹⁰	OPT ¹⁰	OPT ¹⁰	OPT ¹⁰
Leather-trimmed 2-level center console compartments with climate-controlled lower compartment	S	S	S	S	S	S
Electronic analog speedometer & tachometer (tachometer has variable warning segment)	S	S	S	S	S	S
LCD main & trip odometers	S	S	S	S	S	S
Check Control vehicle monitor system	S	S	S	S	S	S
Head-up Display (HUD)	OPT ¹¹	OPT ¹¹	OPT ¹¹	OPT ¹¹	OPT ¹¹	OPT ¹¹
Night Vision	OPT ¹²	OPT ¹²	OPT ¹²	OPT ¹²	OPT ¹²	OPT ¹²
Lane Departure Warning system	OPT¹³	OPT¹³	OPT¹³	OPT¹³	OPT¹³	OPT¹³
iDrive system with 5 menus & controller (includes On-board Computer) & 6 programmable memory keys	S	S	S	S	S	S
BMW On-board Navigation System with Real Time Traffic Information, expanded iDrive system, controller & Voice Command System	OPT	OPT	OPT	OPT	OPT	OPT
S – Standard OPT – Optional ZPP – Premium Package	ZCW – Cold Weather Package					

⁹ – Require leather upholstery (Premium Package or stand-alone option).
¹⁰ – Require Cold Weather Package & leather upholstery.
¹¹ – Requires Navigation System.
¹² – Requires Navigation System & Cold Weather Package.
¹³ – Requires Premium Package.

Ergonomics. luxury & convenience (cont.)	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
Leatherette upholstery	S	S	S	S	S	NA
Dakota leather upholstery	OPT/ ZPP	OPT/ ZPP	OPT/ ZPP	OPT/ ZPP	OPT/ ZPP	S
Dark Poplar wood interior trim	S	S	S	S	S	S
Light Poplar wood interior trim	NC	NC	NC	NC	NC	NC
Bamboo wood interior trim	NC	NC	NC	NC	NC	NC
Automatic climate control with separate left/right temperature & air-distribution controls, automatic recirculation control, humidity control, bi-directional solar sensor, Heat at Rest, temperature- & volume-controlled rear outlets, activated-charcoal microfilter ventilation & other features	S	S	S	S	S	S
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	S	S	S	S	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	S	S	S	NA	S
Dual-panel Panoramic Moonroof: front panel slides open, both panels tilt up; power interior shade, all functions 1-touch	NA	NA	NA	NA	S	NA
Anti-theft AM/FM/CD audio system with 10 speakers including 2 subwoofers, Radio Data System (RDS) & FM diversity antenna system	S	S	S	S	S	S

S – Standard OPT – Optional ZPP – Premium Package NC – No Cost

Ergonomics, luxury & convenience (cont.)	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
Logic7 audio system with 13 speakers, Digital Sound Processing & Surround Sound simulation; includes 2 subwoofers, upgraded componentry & all features of standard system	OPT	OPT	OPT	OPT	OPT	OPT
Sirius Satellite Radio	OPT/C	OPT/C	OPT/C	OPT/C	OPT/C	ZPS
HD radio	OPT	OPT	OPT	OPT	OPT	OPT
Pre-wiring for installation of CD changer with standard audio	S	S	S	S	S	S
6-disc CD changer in glove compartment	C	C	C	C	C	C
Auxiliary input for iPod or MP3 player	S	S	S	S	S	S
iPod/USB adaptor	OPT	OPT	OPT	OPT	OPT	OPT
Bluetooth cellphone interface	S	S	S	S	S	S
Power outlets in front passenger's footwell & trunk (Sedans) or cargo area (Sports Wagon)	S	S	S	S	S	S
Dual cupholders front & rear	S	S	S	S	S	S
Dual front sun visors with illuminated mirrors	S	S	S	S	S	S
Open storage compartments in front & rear doors	S	S	S	S	S	S
Fold-up rear center armrest	S	S	S	S	S	S
Seatback storage compartments	S	S	S	S	S	S
Split folding rear seats	OPT	OPT	OPT	OPT	S	OPT
Power-operated rear & manual rear door-window sunshades	OPT	OPT	OPT	OPT	NA	OPT
Manual rear door-window sunshades	NA	NA	NA	NA	OPT	NA
Rear-window defroster	S	S	S	S	S	S

S – Standard OPT – Optional NA – Not Available C – BMW center installed

Ergonomics, luxury & convenience (cont.)	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
Ski bag	OPT ¹⁴	OPT ¹⁴	OPT ¹⁴	OPT ¹⁴	ZCW	OPT ¹⁴
Interior or tailgate trunk release, electrically operated	S	S	S	S	S	S
Fully finished trunk with reversible floormat to keep smaller cargo from sliding	S	S	S	S	NA	S
Variable cargo area with cargo cover, cargo nets, storage compartments at both sides of cargo area & under cargo floor	NA	NA	NA	NA	S	NA
Power tailgate	NA	NA	NA	NA	ZPP	NA
Split tailgate with separately opening rear window; electric release from exterior or remote; Soft Close feature, rear-window wiper/washer	NA	NA	NA	NA	S	NA
Safety & security						
Dual front-impact Supplementary Restraint System (SRS) with dual-threshold deployment, 2-stage Smart Airbags	S	S	S	S	S	S
Front safety belts with automatic tensioners & force limiters	S	S	S	S	S	S
Automatic-locking retractors (ALR) on all passenger safety belts (for installation of child restraint seats)	S	S	S	S	S	S
LATCH attachments at outboard rear seating positions (for installation of child safety seats)	S	S	S	S	S	S
Interlocking door anchoring system for side impacts	S	S	S	S	S	S

S – Standard OPT – Optional NA – Not Available ZCW – Cold Weather Package ZPP – Premium Package

¹⁴ – Included with folding rear seats.

Safety & security (cont.)	528i Sedan	528xi Sedan	535i Sedan	535xi Sedan	535xi Sports Wagon	550i Sedan
Front- & rear-seat Head Protection System (AHPS II)	S	S	S	S	S	S
Front-seat side-impact airbags	S	S	S	S	S	S
Rear-seat side-impact airbags & automatic tensioners on rear outboard safety belts	OPT	OPT	OPT	OPT	OPT	OPT
Active front head restraints	OPT ¹⁵	OPT ¹⁵	OPT ¹⁵	OPT ¹⁵	OPT ¹⁵	OPT ¹⁵
Intelligent Safety & Information System (ISIS) for deployment of safety systems	S	S	S	S	S	S
Battery Safety Terminal	S	S	S	S	S	S
Central locking system with double-lock anti-theft feature, selective unlocking	S	S	S	S	S	S
Coded Driveaway Protection	S	S	S	S	S	S
BMW Assist Safety Plan, 4 year membership including automatic collision notification, SOS button, enhanced Roadside Assistance; TeleService, Concierge & Customer Relations services	S	S	S	S	S	S
Alarm system with operation from remote, interior motion detector	S	S	S	S	S	S

S – Standard OPT – Optional

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¹⁵ – Included with Comfort front seats.