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**Contact:** Thomas Plucinsky  
Product and Technology Communications Manager  
201-307-3783 / [thomas.plucinsky@bmwna.com](mailto:thomas.plucinsky@bmwna.com)

William Scully  
BMW Product Communications Specialist  
201-307-3790 / [william.scully@bmwna.com](mailto:william.scully@bmwna.com)

## **2008 BMW 5 SERIES Product Highlights**

### **General**

- Essentially all-new platform introduced in '04; Valvetronic 6-cylinder engines, larger V-8 engine, all-wheel-drive Sedans and Sports Wagon added in '06. 2008 models substantially updated with mild facelift, revised interior and major powertrain changes for 6-cylinder models
- '08 models began production in March '07; early release in May 2007; produced in Germany
- Six models offered; five 6-cylinder models and one V-8 model:
  - 528i Sedan, with 3.0-liter N52 inline 6-cylinder engine (230 hp)
  - 528xi Sedan, same engine as 528i but with xDrive all-wheel drive
  - 535i Sedan, with N54 3.0-liter twin-turbo inline 6-cylinder engine (300 hp)
  - 535xi Sedan, same engine as 535i but with xDrive all-wheel drive
  - 535xi Sports Wagon, same engine as 535i/xi Sedans, xDrive, 5-door body and many specific Sports Wagon features
  - 550i Sedan, with 4.8-liter V-8 (360 hp)

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](http://bmwusa.com)

- All models available with 6-speed manual <sup>1</sup> or automatic transmission; 535i and 550i Sedans available with new 6-speed Sport Automatic at extra cost
- Base prices including \$775 destination charge (all with a choice of manual or no-cost STEPTRONIC automatic transmission):

528i Sedan – \$45,075

528xi Sedan – \$47,275

535i Sedan – \$50,175

535xi Sedan – \$52,375

<sup>1</sup> SOP for 535i/xi models w/manual transmission: 09/07.

535xi Sports Wagon – \$54,775

550i Sedan – \$59,275

- 5 Series U.S. sales in calendar 2006 – 56,756 (Sedans and Sports Wagon; includes M5).

### **What's new for 2008**

#### **All models:**

- New model facelift includes revised front fascia, new taillights, new rear air-diffuser (Sedan models) and redesigned interior with upgraded materials. All 6-cylinder Sedans and Sports Wagon receive significant power increases, comparable to 3 Series cars.
- Lane Departure Warning system boosts driver awareness by providing the driver an immediate warning about lane placement
- Active Cruise Control adds "Stop & Go" feature, which permits cruise-control operation even in heavy traffic
- Freshened interior provides an even more elegant look, with additional leather and extended wood trim.
- Ergonomic changes include more convenient window switches, relocated console ashtray and electronic shifter
- In addition, standard iDrive adds six programmable memory buttons, which can be used for anything from radio station presets to navigation destinations or auto-dial telephone numbers
- Premium Sound Package discontinued; Logic7 premium stereo available as stand-alone option. BMW center-installed 6-disc CD changer also available

#### **All 5 Series Sedans**

- Reconfigured optical headlight lenses
- New front airdam has reshaped opening with upturned ends
- Relocated amber DOT lenses; headlight area is completely white
- Taillights include new white design with fewer reflectors, plus red lines in the optical lenses
- Reshaped rear bumper, with revised diffuser below the bumper

#### **535xi Sports Wagon**

- New front-end treatment includes revised headlights, front fascia and relocated DOT lenses.
- New rear-end treatment includes reconfigured taillights. Rear diffuser remains as before

## **Performance & efficiency**

### **All 5 Series models:**

- Technically updated STEPTRONIC includes faster shifting and more efficient operation for improved efficiency and quicker acceleration; now a no-cost option for 2008
- New electronic shifter, similar to that featured in the X5 SAV, offers “shift-by-wire” actuation and more ergonomic operation
- SMG no longer available

### **528i/xi Sedan only**

230-hp N52 engine for all 528i/xi models:

- magnesium/aluminum composite construction
- Valvetronic and Double VANOS<sup>2</sup> valve actuation
- includes single-stage intake
- revised tuning provides 230 horsepower @ 6500 rpm, 200 lb-ft. of torque at 2750 rpm, an increase of 15 horsepower and 15 lb-ft. of torque over previous 525i.
- New optional wheels and tires. 528i Sport Package includes 18-inch wheels with performance run-flat tires; 18-inch wheels optional with Sport Package on 528xi

### **535i/xi Models**

300-hp N54 for all 535i/xi models:

- all-aluminum construction w/cast-iron cylinder liners
- twin-turbocharger technology boosts horsepower with virtually no turbo-lag
- Direct fuel injection with piezo electric injectors
- Double VANOS<sup>1</sup> steplessly variable valve timing
- N54 engine rated at 300 horsepower @ 5800 rpm, 300 lb-ft. of torque at 1400—5000 rpm, an increase of 45 horsepower and an astonishing 80 lb-ft. of torque over previous 530i/xi, with a significantly broader torque band.
- Brake discs upgraded to 13.7 front and 13.6 rear, same size as 550i

### **535i Sedan**

- New optional Sport Automatic transmission includes steering-wheel paddle shifters and rpm matching during downshifts, plus a Sport button for quicker, more dynamic shifting (beginning 06/07 production)
- Sport Package includes 18-inch wheel and tire sizes in staggered width; first time on 6-cylinder models

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<sup>2</sup> – VANOS = **VA**riable **NO**ckenwellen **St**euerung = variable camshaft control, or variable valve timing.

### **535xi Sedan**

- 535xi Sport Package offers the additional option of 18-inch wheel and tire sizes in staggered width; first time on all-wheel-drive models

### **535xi Sports Wagon**

- 300-hp N54 engine, same as 535i/xi Sedans. This engine makes the 535xi Sport Wagon the most powerful wagon BMW has ever offered, including the previous-generation (E39) V-8-powered 540i.
- 535xi Sport Wagon offers 18-inch wheels and tires as an upgrade with the Sport Package

### **550i Sedan**

- New optional Sport Automatic includes steering-wheel paddle shifters and rpm matching during downshifts (beginning 06/07 production), plus a Sport button for quicker, more dynamic shifting
- Sport Package now includes 19-inch, staggered-width wheels with performance tires.

### **Ergonomics, luxury & convenience**

- Thoroughly revised interior
- New standard steering wheel
- Window switches relocated to armrest
- Larger, more refined door pockets
- Smaller, leather-wrapped passenger door handle
- Wood trim now flows from the instrument panel into the door panel, giving a richer, warmer, more integrated look
- iDrive includes six programmable “favorites” buttons, which can be set to frequently used features including destination addresses, phone numbers or radio station presets
- Leather-wrapped center console with:
  - New ashtray
  - Leather-trimmed iDrive controller w/single menu button
  - New center-console storage compartment
- New electronic shifter for STEPTRONIC automatic with ergonomically optimized contour, placement and function
- Radio buttons and temperature controls trimmed in titanium silver

### **Options**

- Active Cruise Control with Stop & Go feature allows operation even in traffic, and can accommodate speeds all the way down to a complete stop, and resume to set speed from 0 mph
- Lane Departure Warning system, provides an immediate but discreet notification when the car crosses into another lane without turn signals
- USB adaptor for iPods or MP3 players, which does not use the CD changer connections
- Premium Sound Package discontinued; Logic7 premium stereo and 6-disc CD-changer available separately
- Sequential Manual Gearbox discontinued

### **Other highlights**

#### **All models**

- BMW Ultimate Service, including BMW Maintenance Program, for 4 years/50,000 miles included in base price
- Standard 6-speed manual transmissions have self-adjusting clutch for long clutch life
- Aluminum suspension system for outstanding handling and riding comfort (528xi and 535xi models: aluminum rear suspension only)
- Aluminum front-end structure – contributes to weight reduction and optimum front/rear weight distribution
- Vehicle and Key Memory allows users to personalize many electronic comfort, convenience and security features
- Leather-covered 3-spoke power tilt/telescopic steering wheel with auto tilt-up for entry/exit, multi-function controls
- BMW Ambiance Lighting: LED lights in roof bathe console area in soft orange light, helping occupants find controls at night; enhanced lighting features included in Premium Package
- All models available with Sport Package and Cold Weather Package; all 6-cylinder models also available with Premium Package
- Wide range of stand-alone options includes Active Cruise Control with Stop & Go feature (automatic transmission only), Active Steering, Park Distance Control (standard 550i Sedan), alternate wood interior trim selections, 20-way front Multi-contour seats, split folding rear seats (Sedan models; standard Sports Wagon), heated rear seats, BMW On-board Navigation System, Head-up Display, Lane Departure Warning system, Night Vision, SIRIUS Satellite Radio, HD Radio, rear window- and/or rear door-window sunshades, rear-seat side-impact airbags

- 10-way power front seats standard in all models; 20-way Multi-contour seats in Sport Package or as a stand-alone option; 4-way power front-seat lumbar support with 528i/xi Premium Package, standard in 535i/xi models and 550i
- Memory system for driver's seat, steering wheel and exterior mirrors; 2 positions for each user (captured by Key Memory)
- 1-touch operation of all side windows and moonroof
- Body structure engineered for excellent occupant protection in full and offset frontal impacts, side impacts and rear impacts
- Front-seat safety belts with automatic tensioners and force limiters
- Front and rear Head Protection System (AHPS II) standard in all models
- Front-seat side-impact airbags standard in all models
- Rear-seat side-impact airbags optional in all models
- Battery Safety Terminal – after a severe impact, severs high-current connection between battery and starter cable to help prevent possible short circuit
- BMW Assist Safety Plan with 4 year membership standard equipment

## **2008 5 Series models**

### **528i Sedan**

- 3.0-liter N52 inline 6-cylinder engine
- 230 hp, 200 lb-ft. torque
- Preliminary EPA est. MPG (revised EPA rating standard):  
17 mpg city/27 mpg highway (manual transmission) or 18/27 (automatic)
- No-cost choice of 6-speed manual transmission or STEPTRONIC automatic
- Sport Package wheels and tires are 18-in. with run-flat performance tires

### **535i Sedan – additional features over 528i Sedan**

- 3.0-liter N54 twin-turbocharged inline 6-cylinder engine
- 300 hp, 300 lb-ft. torque
- Preliminary EPA est. MPG (revised EPA rating standard):  
17/26 (AT); (manual transmission available SOP 09/07)
- Optional Sport Automatic includes steering-wheel paddle shifters and rpm matching during downshifts, plus a Sport button for quicker, more dynamic shifting
- Sport Package wheels and tires are staggered width 18-in. with run-flat performance tires
- Standard Xenon Adaptive headlights
- Standard 4-way power lumbar support on front seats

### **528xi/535xi Sedans over 528i/535i Sedans**

- xDrive – fulltime all-wheel drive system, electronically controlled with variable front/rear torque split and traction control
- Preliminary EPA est. MPG (revised EPA rating standard):  
528xi Sedan – 17/25 (MT) or 17/25 (AT)  
535xi Sedan – 17/25 (AT); (manual transmission available SOP 09/07)
- Manual transmission of all xi models is heavier-duty Getrag Type H; rear-wheel-drive  
528i Sedan has Type I transmission

#### **535xi Sports Wagon over 535xi Sedan**

- Most-powerful BMW Sport Wagon ever offered
  - 3.0-liter N54 twin-turbocharged inline 6-cylinder engine
  - 300 hp, 300 lb-ft. torque
- Preliminary EPA est. MPG (revised EPA rating standard):  
16/24 (AT); (manual transmission available SOP 09/07)
- 5-door Wagon body
- Standard roof rails
- Dual-panel Panoramic Moonroof (Sedans have single-panel moonroof)
- Standard split folding rear seats
- Rear-window wiper/washer
- Split tailgate with separately opening rear window (power-operated tailgate with programmable lift height in Premium Package)
- Many special features for versatile cargo-carrying capabilities

#### **550i Sedan over 535i Sedan**

- 4.8-liter N62 TU (Technically Updated) V-8:
  - 2-stage induction system
  - Aluminum construction
  - Dual overhead camshafts (DOHC) per cylinder bank, 32 valves
  - Valvetronic variable intake-valve lift
  - Steplessly variable intake- and exhaust-valve timing
  - Direct ignition system with knock control
- 360 hp, 360 lb-ft. torque
- Preliminary EPA est. MPG (revised EPA rating standard):  
550i Sedan: 15/22 (MT), 15/23 (AT)
- New optional Sport Automatic includes steering-wheel paddle shifters and rpm matching during downshifts, plus a Sport button for quicker, more dynamic shifting
- Sport Package wheels and tires are staggered width 19-in. with performance tires

- Standard Park Distance Control, leather upholstery, Ambient Light Package, auto-dimming interior and exterior mirrors and BMW Universal Transceiver

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