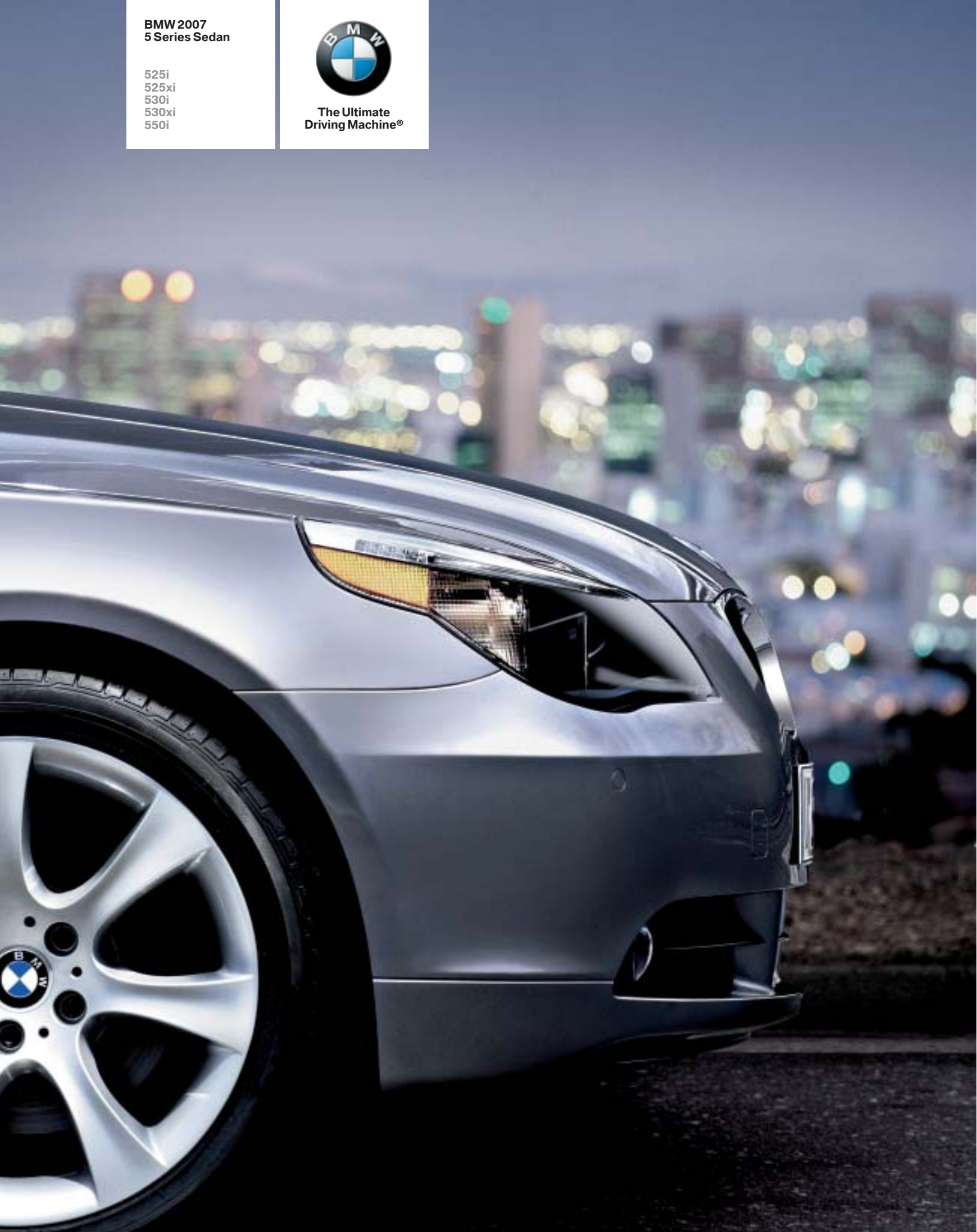


**BMW 2007  
5 Series Sedan**

525i  
525xi  
530i  
530xi  
550i



**The Ultimate  
Driving Machine®**



The aesthetic power  
of intelligent design.



A bold step in a new direction.



Lasting value from a timeless classic.



Absolute comfort. Precise control.





Primary gauges are recessed under a cowl, and designed for glare-free vision during the day. At night, the gauges glow in a color that is restful on the eyes.



The iDrive Controller, which is conveniently located on the center console, allows you and your passenger to access and tailor many comfort features.

An interior as sleek and compelling as the exterior.



The road is dry, so most of the power is sent to the rear axle for good traction and that typical BMW driving feel.



xDrive detects snow under the rear tires. For optimal traction, the clutch plate transfers more power to the front wheels.



The front tires drive over slippery leaves. In split seconds, the clutch plate opens, sending all available power to the rear axle.



The road is covered in water. As all the wheels reach the wet asphalt, xDrive, sensing wheelspin, sends sufficient traction to appropriate wheels to help maintain stability.

# Snow. Rain. Wet leaves. Gravel.

## xDrive gives you the power to master virtually anything the road throws at you.

BMW's intelligent xDrive all-wheel drive system<sup>1</sup> takes all-road traction to new heights, while maintaining the 5 Series' legendary agility. On smooth, dry roads, the 525xi and 530xi have the feel of their rear-wheel drive stablemates. But hit a wet uphill curve for instance, and even before wheelspin can occur, the xDrive system immediately recognizes any need for a change in power distribution. Almost instantaneously, xDrive can send more torque to the front axle in order to enhance stability. Should one wheel on an axle spin faster than the other, the brakes can be applied individually, as needed, to bring all wheels back in sync. At any given moment, xDrive is working hard, shifting drive power, reducing over- or understeer, enhancing agility, and providing the best possible traction.

<sup>1</sup>xDrive is standard and exclusive in 525xi and 530xi.



## Equipment | Standard



■ / □ **Xenon Adaptive Headlights** provide brilliant clarity of the road ahead and to the side at night and in conditions with poor visibility. The dynamic auto-leveling feature adjusts for varying passenger and cargo loads, helping to keep headlight glare out of the eyes of oncoming drivers. BMW Adaptive Headlights provide optimum road illumination around corners, thanks to an electromechanical control system that directs the headlights into and through the bend as soon as the vehicle begins cornering. (std. 530i/xi and 550i; opt. on 525i/xi)

Illustration shown with European bumper. All U.S. 5 Series Sedans are equipped with provisions on the front bumpers for headlight washers, which are included in the optional Cold Weather Package.



■ **Halogen free-form foglights**, integrated into the deep front spoiler, enhance your margin of safety in bad visibility. Ellipsoid free-form technology ensures even light distribution on the road.



■ **Power-adjustable heated side-view mirrors** are blue-tinted; the back side matches the body color.



■ **BMW Assist™ Services<sup>1</sup>** – Safety Services include Automatic Collision Notification, Emergency Request, Enhanced Roadside Assistance, TeleService and Stolen Vehicle Recovery. Also available are optional Convenience Services such as Directions, Traffic and Weather information as well as Concierge.

<sup>1</sup>See your authorized BMW center for further details concerning pricing, services, availability and subscription requirement or visit [bmwusa.com/bmwassist](http://bmwusa.com/bmwassist).



## Equipment | Standard



■ **17 x 7.5 Double Spoke (Styling 116) cast alloy wheels and 225/50R-17 all-season tires.** (std. 550i; spare is a space-saver wheel and tire)



■ **17 x 7.5 Star Spoke (Styling 138) cast alloy wheels and 225/50R-17 all-season tires.** (std. 525i/xi and 530i/xi; spare is a space-saver wheel and tire)



■ **Engine start/stop button** is a convenient method to control the engine. Simply insert the electronic identification fob into the starter switch slot and press the start button. Pressing the button while the engine is running will stop the engine.

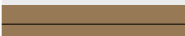













■ Easy-to-read **Information Display** with precise, dazzle-free analog indicators. Data, such as trip mileage counter, can be checked using LCD displays on the instrument panel.



■ **3-spoke leather-wrapped multi-function steering wheel** lets you keep both hands on the wheel while adjusting various comfort functions, such as changing the radio, CD selections and volume. Optional Voice Control (included with optional on-board navigation system) can be used to change radio stations and audio selection, navigation system destinations, and (accessory) telephone entries.

# Combinations

	Leatherette <sup>1</sup>		Dakota Leather <sup>2</sup>			
Upholstery color <sup>3</sup>	Beige	Black	Beige	Gray	Auburn	Black
						
Interior color <sup>3</sup>	Beige	Black	Beige	Gray	Black	
						
Exterior paint colors <sup>4</sup>						
<b>300</b> Alpine White Non-metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>668</b> Jet Black Non-metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>354</b> Titanium Silver Metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>A08</b> Silver Gray Metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>A36</b> Titanium Gray Metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>A09</b> Amethyst Gray Metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>349</b> Olivine Green Metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>A43</b> Deep Green Metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>A07</b> Mystic Blue Metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>A35</b> Monaco Blue Metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>475</b> Black Sapphire Metallic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interior trim						
Dark Poplar Grain Wood <sup>5</sup>						
Anthracite Maple Wood <sup>6</sup>						

<sup>1</sup> Leatherette: Standard in 525i/xi, 530i/xi.

<sup>2</sup> Dakota Leather: Standard in 550i; optional in 525i/xi, 530i/xi and included in Premium Package.

<sup>3</sup> Upholstery and Interior color: Beige Leather or Beige Leatherette Upholstery comes with Beige Interior Color.

Black Leather or Black Leatherette Upholstery comes with Black Interior Color. Auburn Leather Upholstery comes with Black Interior Color, which includes a Black/Auburn color combination on the door panels.

Gray Leather Upholstery comes with Gray Interior Color.

<sup>4</sup> All exterior paint colors are standard on all models.

<sup>5</sup> Dark Poplar Grain Wood: Standard in all models.

<sup>6</sup> Anthracite Maple Wood: No-cost option in all models.

The pages in this section of the brochure show available colors and materials for the BMW 5 Series. Use these samples to compare paint, upholstery and trim colors and combinations. Please note that these samples are representations; they are not exact reproductions. To see the actual colors, visit your local BMW center. They will be happy to show you original samples and assist you with special requests.

## Standard and Optional equipment

<b>Performance and efficiency</b>	<b>525i</b>	<b>525xi</b>	<b>530i</b>	<b>530xi</b>	<b>550i</b>
3.0-liter dual overhead cam (DOHC), 24-valve inline 215-horsepower 6-cylinder engine with composite magnesium/aluminum engine block, Valvetronic system, 1-stage air intake manifold, and Double-VANOS steplessly variable valve timing	●	●			
3.0-liter dual overhead cam (DOHC), 24-valve inline 255-horsepower 6-cylinder engine with composite magnesium/aluminum engine block, Valvetronic system, 3-stage air intake manifold, and Double-VANOS steplessly variable valve timing			●	●	
4.8-liter, 360-horsepower 32-valve V-8 engine with 4 overhead camshafts, aluminum engine block and cylinder heads, Valvetronic system, 2-stage air intake manifold, and Double-VANOS steplessly variable valve timing					●
Direct ignition system with knock control	●	●	●	●	●
Electronically controlled engine cooling (map cooling)	●	●	●	●	●
6-speed manual transmission	●	●	●	●	●
6-speed STEPTRONIC automatic transmission with Sport and Manual shift modes and Adaptive Transmission Control (ATC)	○	○	○	○	○ <sup>1</sup>
6-speed Sequential Manual Gearbox (SMG) with Automated and Manual shift modes; includes Dynamic Driving Control (Sport button)			○ <sup>2</sup>		○ <sup>3</sup>
<b>Handling, ride and braking</b>					
Aluminum double-pivot-type front suspension	●	●	●	●	●
Aluminum 4-link Integral rear suspension	●	●	●	●	●
Front and rear anti-roll (stabilizer) bars	●	●	●	●	●
Aluminum front and rear subframes	●	●	●	●	●
Twin-tube gas-pressure shock absorbers	●	●	●	●	●
4-wheel ventilated anti-lock disc brakes (ABS) with Dynamic Brake Control (DBC)	●	●	●	●	●
Sport suspension calibration	□		□		□
Active Roll Stabilization (ARS)	□		□		□
Vehicle-speed-sensitive variable-assist (Servotronic), variable-ratio power steering	●	●	●	●	●
Active Steering with Servotronic power assist	○		○		○
Dynamic Stability Control (DSC), including Comfort Stop <sup>4</sup> Brake Fade Compensation, Start-off Assistant, Brake Drying, and Brake Stand-by features; with Dynamic Traction Control (DTC)	●	●	●	●	●
xDrive all-wheel-drive system		●		●	
<b>Instrumentation and controls</b>					
3-spoke leather-wrapped multi-function steering wheel with controls for audio system, cruise control, and Bluetooth <sup>®</sup> wireless communication for hands-free mobile phone <sup>5</sup>	●	●	●	●	●
3-spoke leather-wrapped multi-function sport steering wheel with controls for audio system, cruise control, and Bluetooth <sup>®</sup> wireless communication for hands-free mobile phone <sup>5</sup>	□	□	□	□	□
Electronic analog speedometer and tachometer and LCD main and trip odometers	●	●	●	●	●
Expanded Check Control vehicle monitor system	●	●	●	●	●
Head-up Display (HUD) <sup>6</sup>	○	○	○	○	○
Night Vision <sup>7</sup>	○	○	○	○	○
iDrive system with on-board computer and controller	●	●	●	●	●
Exterior temperature display with alarm for freezing temperatures	●	●	●	●	●
Active Cruise Control (ACC)	○	○	○	○	○
BMW on-board navigation system with controller with voice feedback and Voice Command System	○	○	○	○	○
Vehicle & Key Memory	●	●	●	●	●
Tire Pressure Monitor	●	●	●	●	●

- = Standard
- = Optional
- ◇ = Included in optional Premium Package
- = Included in optional Sport Package
- ◆ = Included in optional Cold Weather Package
- = Included in optional Premium Sound Package
- △ = Aftersales accessory

<sup>1</sup> Automatic transmission available as a no-cost option.

<sup>2</sup> Requires Sport Package.

<sup>3</sup> SMG transmission available as a no-cost option. Requires Sport Package.

<sup>4</sup> Comfort Stop not available with xDrive vehicles.

<sup>5</sup> If so equipped.

<sup>6</sup> Requires on-board navigation system; not available with Green band windshield.

<sup>7</sup> Requires on-board navigation system and Cold Weather Package. Availability Delayed.

## Standard and Optional equipment

	525i	525xi	530i	530xi	550i
<b>Exterior and aerodynamics</b>					
17 x 7.5 Star Spoke (Styling 138) cast alloy wheels, 225/50R-17 all-season tires <sup>8</sup>	●	●	●	●	
17 x 7.5 Double Spoke (Styling 116) cast alloy wheels, 225/50R-17 all-season tires <sup>8</sup>					●
17 x 8.0 Star Spoke (Styling 122) cast alloy wheels, 245/45R-17 run-flat performance tires <sup>8, 9</sup>	□	○ <sup>10</sup>			
18 x 8.0 Star Spoke (Styling 123) cast alloy wheels, 245/40R-18 run-flat performance tires <sup>8, 9</sup>			□	○ <sup>10</sup>	
18 x 8.0 front, 18 x 9.0 rear Star Spoke (Styling 124) cast alloy wheels, 245/40R-18 front, 275/35R-18 rear run-flat performance tires <sup>8, 9</sup>					□
Halogen free-form low-beam headlights	●	●			
Xenon Adaptive Headlights with dynamic auto-leveling	○	○	●	●	●
Automatic headlight control	●	●	●	●	●
High-pressure headlight cleaning system	◆	◆	◆	◆	◆
Halogen free-form foglights	●	●	●	●	●
Park Distance Control (front and rear) with graphic display	○	○	○	○	●
Rain-sensing windshield wipers with adjustable speed	●	●	●	●	●
Power adjustable, heated, body-colored side-view mirrors	●	●	●	●	●
Metallic paint	●	●	●	●	●
Chrome Line exterior trim	●	●	●	●	●
Shadowline exterior trim	□	□	□	□	□
<b>Interior seating</b>					
Leatherette upholstery	●	●	●	●	
Dakota Leather upholstery and door trim	○/◇	○/◇	○/◇	○/◇	●
Split-folding lockable rear seats and ski bag	○	○	○	○	○
10-way power front seats with power head restraints	●	●	●	●	●
4-way power lumbar support for front seats	◇	◇	●	●	●
20-way power multi-contour front seats (includes articulated upper backrest, 4-way lumbar support, passenger's-seat memory, and active head restraints with adjustable side and thigh support)	○ <sup>11</sup> /□ <sup>11</sup>	○ <sup>11</sup> /□ <sup>11</sup>	○ <sup>11</sup> /□ <sup>11</sup>	○ <sup>11</sup> /□ <sup>11</sup>	○/□
2-setting memory system for driver's seat, side-view mirrors, and steering wheel position	●	●	●	●	●
Open storage compartments in all doors and front seatback storage	●	●	●	●	●
Adjustable front center armrest	●	●	●	●	●
Dual center console compartments with provision for phone handset, climate-controlled lower compartment	●	●	●	●	●
Fold-up rear seat center armrest	●	●	●	●	●
<b>Audio system</b>					
Anti-theft AM/FM stereo/CD audio system with 10 speakers, Auto-Store, FM diversity antenna system, and MP3 capabilities	●	●	●	●	●
Logic7 sound system with 13 speakers, Surround Sound, and Digital Sound Processing (including two subwoofers)	■	■	■	■	■
6-disc CD changer mounted in glove compartment	■	■	■	■	■
Pre-wiring for BMW center installation of BMW 6-CD changer and SIRIUS Satellite Radio	●	●	●	●	●
Auxiliary audio input in back of center console	●	●	●	●	●
High Definition radio (HD Radio™)	○	○	○	○	○
SIRIUS Satellite Radio <sup>12</sup>	○/△	○/△	○/△	○/△	○/△

<sup>8</sup> Spare is a space-saver wheel and tire.

<sup>9</sup> 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.

<sup>10</sup> Requires Sport Package.

<sup>11</sup> Requires optional Dakota leather upholstery.

<sup>12</sup> Please visit your authorized BMW center for details on equipment and services requirements.

All illustrations and specifications contained in this brochure are based on the latest product information available at the time of printing. BMW reserves the right to make changes at any time, without notice, in colors, materials, equipment, specifications and models. BMW may, subject to legal requirements, determine the Model Year designation of its vehicles. The Model Year designation on any particular model may be longer or shorter than 12 months. Some vehicles pictured may contain non-U.S. equipment. Some models may be shown with optional equipment. While BMW NA makes all reasonable efforts to provide accurate information in this brochure, there is no guarantee or warranty of accuracy. Furthermore, we do not assume any liability for the accuracy or completeness of information presented. This brochure shall not be used or relied upon as a substitute for information that is available from your BMW center. Further information can be obtained from your authorized BMW center or [bmwusa.com](http://bmwusa.com).

## Standard and Optional equipment

	525i	525xi	530i	530xi	550i
<b>Comfort and convenience</b>					
Automatic climate control with separate left/right temperature and air distribution controls, with automatic air recirculation	●	●	●	●	●
Micro-filter ventilation system with replaceable active-charcoal filters	●	●	●	●	●
2-way power glass moonroof with remote, expanded "one-touch" operation, anti-trapping feature, and sliding interior sunshade	●	●	●	●	●
Automatic tilt-down of passenger's side-view mirror (when car is shifted into reverse gear)	●	●	●	●	●
Power tilt and telescopic steering wheel with automatic tilt-up	●	●	●	●	●
Power windows with key-off and "one touch" up and down operation both front and rear, anti-trapping feature, opening from remote, and closing from exterior lock	●	●	●	●	●
Power rear-window sunshade and manual rear side-window sunshades with 2 shade sections per door	○	○	○	○	○
Keyless entry with multi-function remote control	●	●	●	●	●
Comfort Access keyless entry with multi-function remote control	○	○	○	○	○
Interior courtesy lights with automatic dimming function	●	●	●	●	●
Front map lights and rear reading lights with separate controls for the left and right	●	●	●	●	●
BMW Ambiance Lighting	●	●	●	●	●
Auto-dimming inside rear-view mirror	◇	◇	◇	◇	●
Lighting Package	◇	◇	◇	◇	●
Dual front sun visors with illuminated mirrors	●	●	●	●	●
Dual cupholders in front and rear	●	●	●	●	●
Heated driver's door lock and rear window defroster	●	●	●	●	●
3-stage heated front seats	○/◆	○/◆	○/◆	○/◆	○/◆
3-stage heated rear seats <sup>13</sup>	○	○	○	○	○
Heated steering wheel	◆	◆	◆	◆	◆
Fully finished trunk with drop-down tool kit and interior trunk release	●	●	●	●	●
Integrated 3-button Universal garage-door opener	◇	◇	◇	◇	●
Power outlet in front passenger's footwell, back of center console, and in trunk	●	●	●	●	●
Glove compartment with rechargeable take-out flashlight	●	●	●	●	●
<b>Safety and security</b>					
Driver's and passenger's front airbag supplemental restraint system (SRS) with dual-threshold deployment, 2-stage Smart Airbags	●	●	●	●	●
Front- and rear-seat Head Protection System (AHPS II)	●	●	●	●	●
Front-door-mounted side-impact airbags	●	●	●	●	●
Rear-seat side-impact airbags and automatic pretensioners on rear outboard safety belts	○	○	○	○	○
Front safety belts with automatic pretensioners and force limiters	●	●	●	●	●
Automatic-locking retractors (ALR) on all safety belts (for installation of child-restraint seats)	●	●	●	●	●
Interlocking door anchoring system to help protect against door intrusion in side impacts	●	●	●	●	●
Intelligent Safety and Information System (ISIS) for deployment of safety systems	●	●	●	●	●
Impact sensor that activates Battery Safety Terminal disconnect of alternator, fuel pump and starter from battery; and turns on hazard lights, interior lights and unlocks doors	●	●	●	●	●
Coded Driveaway Protection (prevents engine start when your key with constantly changing electronic code is not used)	●	●	●	●	●
Remote keyless entry security alarm system with selective unlocking and double-lock feature (programmed at BMW center), remote trunk opening, interior motion detector, and panic feature	●	●	●	●	●
Adaptive Brake Lights	●	●	●	●	●
BMW Assist™ with Bluetooth® wireless technology	●	●	●	●	●

- = Standard
- = Optional
- ◇ = Included in optional Premium Package
- = Included in optional Sport Package
- ◆ = Included in optional Cold Weather Package

<sup>13</sup> Requires Cold Weather Package.

## Standard and Optional equipment

	525i	525xi	530i	530xi	550i
<b>BMW Maintenance Program</b>					
BMW Maintenance <sup>14</sup>	●	●	●	●	●
<b>Premium Packages</b>					
Dakota Leather upholstery and door trim	○/◇	○/◇	○/◇	○/◇	●
4-way power lumbar support for front seats	◇	◇	●	●	●
Integrated 3-button Universal garage-door opener	◇	◇	◇	◇	●
Auto-dimming inside rear-view mirror	◇	◇	◇	◇	●
Lighting Package	◇	◇	◇	◇	●
<b>Sport Packages</b>					
17x8.0 Star Spoke (Styling 122) cast alloy wheels, 245/45R-17 run-flat performance tires <sup>15</sup>	□	○ <sup>16</sup>			
18x8.0 Star Spoke (Styling 123) cast alloy wheels, 245/40R-18 run-flat performance tires <sup>15</sup>			□	○ <sup>16</sup>	
18x8.0 front, 18x9.0 rear Star Spoke (Styling 124) cast alloy wheels, 245/40R-18 front, 275/35R-18 rear run-flat performance tires <sup>15</sup>					□
3-spoke leather-wrapped multi-function sport steering wheel with controls for audio system, cruise control, and Bluetooth® wireless communication for hands-free mobile phone <sup>17</sup>	□	□	□	□	□
20-way power multi-contour front seats (includes articulated upper backrest, 4-way lumbar support, passenger's-seat memory, and active head restraints with adjustable side and thigh support)	○ <sup>18</sup> /□ <sup>18</sup>	○ <sup>18</sup> /□ <sup>18</sup>	○ <sup>18</sup> /□ <sup>18</sup>	○ <sup>18</sup> /□ <sup>18</sup>	○/□
Active Roll Stabilization (ARS)	□		□		□
Sport suspension calibration	□		□		□
Shadowline exterior trim	□	□	□	□	□
<b>Premium Sound Package</b>					
Logic7 sound system with 13 speakers, Surround Sound, and Digital Sound Processing (including two subwoofers)	■	■	■	■	■
6-disc CD changer mounted in glove compartment	■	■	■	■	■
<b>Cold Weather Package</b>					
3-stage heated front seats	○/◆	○/◆	○/◆	○/◆	○/◆
3-stage heated rear seats <sup>13</sup>	○	○	○	○	○
High-pressure headlight cleaning system	◆	◆	◆	◆	◆
Heated steering wheel	◆	◆	◆	◆	◆

<sup>14</sup> BMW Maintenance Program covers all factory-recommended maintenance on all new MY 2004 and later BMW vehicles, as determined by the Service Interval Indicator, for 4 years or 50,000 miles, whichever comes first. Exclusions from coverage: gasoline, gasoline additives, windshield washer fluids and additives, lights, tires, wheels, wheel alignment, tire balancing and rotation. All work must be performed by an authorized BMW center. See the Service and Warranty Information booklet for more specific terms, conditions and limitations. Further information can be obtained from your local authorized BMW center.

<sup>15</sup> Spare is a space-saver wheel and tire. 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.

<sup>16</sup> Requires Sport Package.

<sup>17</sup> If so equipped.

<sup>18</sup> Requires optional Dakota Leather upholstery.

## Specifications | Technical data

Weight		525i	525xi	530i	530xi	550i
Unladen						
Manual transmission	lbs	3428	3627	3472	3638	3803
Sequential Manual Gearbox (SMG)	lbs			3494		3814
Automatic transmission	lbs	3450	3660	3494	3671	3814
Weight distribution, front/rear						
Manual transmission	%	49.8/50.2	51.4/48.6	50.8/49.2	51.5/48.5	51.3/48.7
Sequential Manual Gearbox (SMG)	%			51.1/48.9		51.4/48.6
Automatic transmission	%	50.2/49.8	51.8/48.2	51.1/48.9	52.0/48.0	51.4/48.6
<b>Engine</b>						
Liter/type		3.0/inline 6	3.0/inline 6	3.0/inline 6	3.0/inline 6	4.8/V-8
Bore/stroke	inch	3.35x3.47	3.35x3.47	3.35x3.47	3.35x3.47	3.66x3.48
Nominal output/rpm	hp	215/6250	215/6250	255/6600	255/6600	360/6300
Max. torque/rpm	lb-ft	185/2750	185/2750	220/2750	220/2750	360/3400
Compression ratio	:1	10.7	10.7	10.7	10.7	10.5
Fuel grade		Unleaded premium	Unleaded premium	Unleaded premium	Unleaded premium	Unleaded premium
<b>Transmission</b>						
Standard gear ratios	I/II/III :1	4.32/2.46/1.66	4.35/2.50/1.66	4.35/2.50/1.66	4.35/2.50/1.66	4.06/2.40/1.58
	IV/V/VI/R :1	1.23/1.00/0.85/3.94	1.23/1.00/0.85/3.93	1.23/1.00/0.85/3.93	1.23/1.00/0.85/3.93	1.19/1.00/0.87/3.68
	Final drive ratio :1	3.38	3.46	3.23	3.23	2.93
Automatic gear ratios	I/II/III :1	4.17/2.34/1.52	4.17/2.34/1.52	4.17/2.34/1.52	4.17/2.34/1.52	4.17/2.34/1.52
	IV/V/VI/R :1	1.14/0.87/0.69/3.40	1.14/0.87/0.69/3.40	1.14/0.87/0.69/3.40	1.14/0.87/0.69/3.40	1.14/0.87/0.69/3.40
	Final drive ratio :1	3.91	4.10	3.64	3.73	3.38
<b>Performance</b>						
Drag coefficient	C <sub>d</sub>	0.28	0.30	0.28	0.30	0.29
Top speed <sup>1</sup>	mph	150 (150)	147 (144)	150 (150)	150 (150)	150
Acceleration 0–60 mph						
Manual transmission [SMG]	sec	7.3	7.9	6.4 [6.4]	6.6	5.4 [5.4]
Automatic transmission	sec	7.6	8.2	6.6	6.9	5.5
<b>Fuel consumption<sup>2</sup></b>						
Manual transmission [SMG]						
City/Highway	mpg	20/30	19/28	20/30 [19/27]	19/28	15/23 [16/22]
Automatic transmission						
City/Highway	mpg	21/29	20/27	21/29	20/27	17/25
Fuel capacity	U.S. gal	18.5	18.5	18.5	18.5	18.5
<b>Tires and Wheels</b>						
Tire dimensions	standard	225/50R-17	225/50R-17	225/50R-17	225/50R-17	225/50R-17 <sup>3</sup>
Wheel dimensions	standard	17x7.5	17x7.5	17x7.5	17x7.5	17x7.5 <sup>3</sup>
Material	standard	Cast alloy	Cast alloy	Cast alloy	Cast alloy	Cast alloy
<b>Brakes</b>						
Front – diameter	in	12.8	12.8	12.8	12.8	13.7
Rear – diameter	in	12.6	12.6	12.6	12.6	13.6

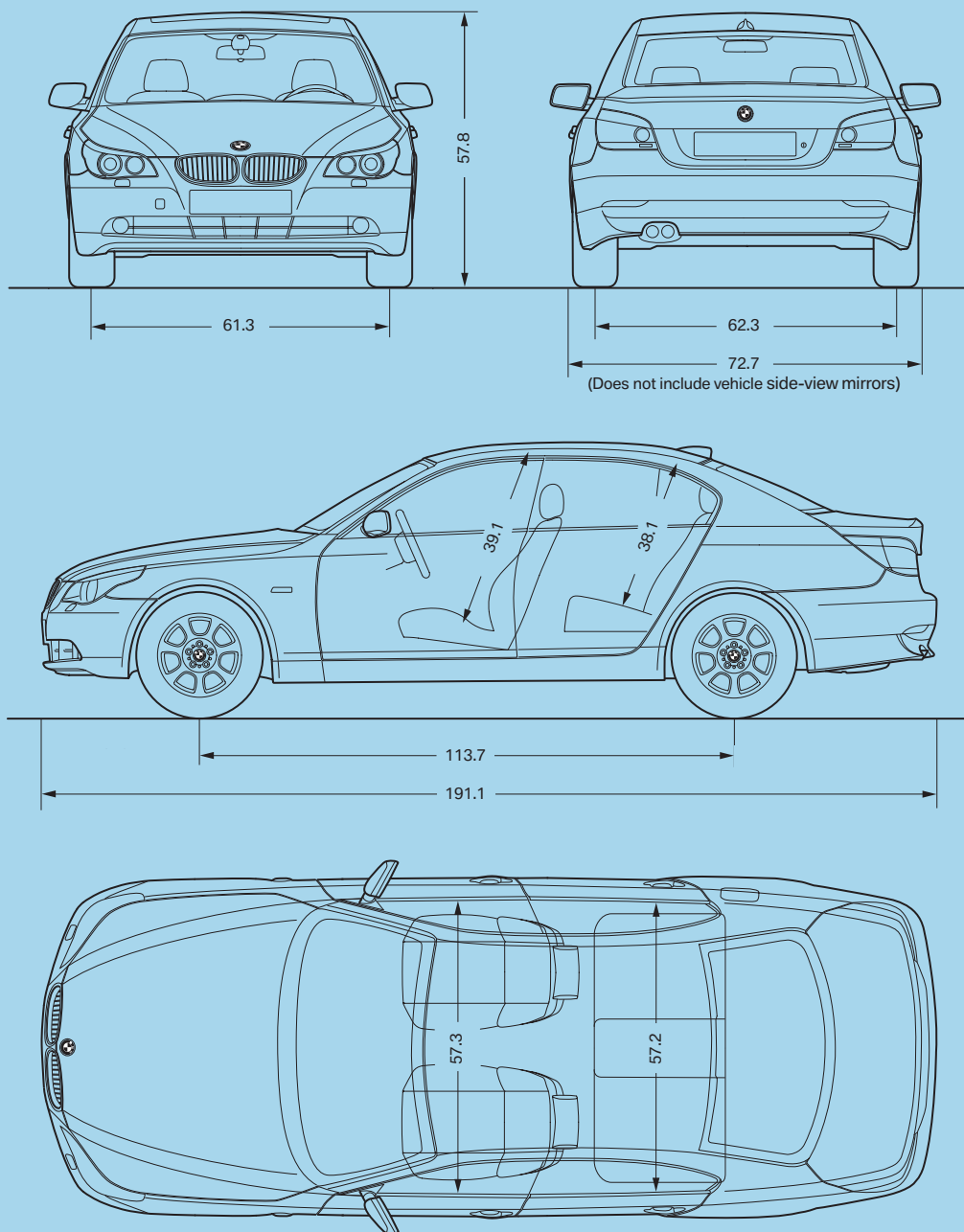
Figures in ( ) apply to vehicles with automatic transmission.  
Figures in [ ] apply to vehicles with SMG.

<sup>1</sup>Top speed limited electronically.

<sup>2</sup>EPA-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.

<sup>3</sup>Dimensions are for 550i with automatic transmission.

## Specifications | Technical data



All dimensions are shown in inches and apply to models with standard wheels.  
NOTE: Measurements do not include vehicle width from mirror to mirror.

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