

BMW 2006 5 Series
Sports Wagon



530xi

The Ultimate
Driving Machine®



Dynamic, dramatic and dressed for success –
whether on boulevards or back roads.





Thrilling performance – as you like it.





Adaptable grip to conquer any road surface:
BMW xDrive all-wheel drive.

Feel right at home, wherever you go.





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.

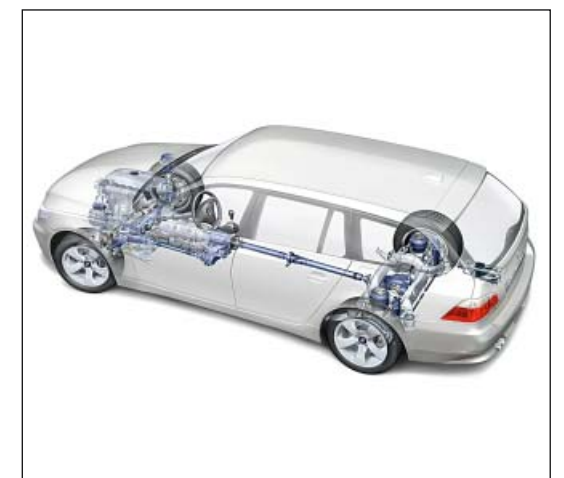


The road is covered in water. As all the wheels reach the wet asphalt, xDrive, sensing wheelspin, sends sufficient traction to appropriate wheels to help maintain stability.

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 takes all-road traction to new heights, while maintaining the 5 Series' legendary agility. On smooth, dry roads, the 530xi has the feel of its 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.



Equipment | Standard/Optional



■ **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.



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



□ **High-pressure liquid headlight cleaning system** helps keep headlights clean of ice, mud, road salt and other coatings, for maximum road illumination and enhanced driving safety. (included in Cold Weather Package)



■ **Roof rails** closely hug the lines of the roof. They easily accommodate additional cargo, as well as bicycles, skis, snowboards, etc., when equipped with the multifunctional BMW roof rack system. (Refer to the Original BMW Accessories catalog or visit your authorized BMW center for a full selection.)

Equipment | Standard/Optional



■ **17 x 7.5 Star Spoke (Styling 138) cast alloy wheels and 225/50R-17 all-season tires.**



□ **18 x 8.0 Star Spoke (Styling 123) cast alloy wheels and 245/40R-18 run-flat performance tires.¹ (requires optional Sport Package)**

¹Due 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.



□ **Park Distance Control (PDC), front and rear, helps parking and maneuvering in tight spaces. The distance between your vehicle and an obstacle is indicated by an acoustic signal that increases in intensity as your bumper approaches the object, turning into a constant tone when the distance closes to 12 inches. A visual representation is also projected in the Control Display.**



■ **Two-piece Panoramic moonroof** features fully electric slide and lift control. Both halves of the roof can be tilted up at the touch of a button. When you tilt the front glass section, the rear section also tilts up electronically. When open, the wind deflector minimizes turbulence. Includes comfort opening/closing function, and an electric sun shade to help shield cabin from excessive heat.



■ / □ **Rear window** can be opened separately from the tailgate, for easy loading of small objects into the cargo area. A handy added feature, automatic tailgate operation, is included in the optional Premium Package.
















■ **Standard audio system** includes anti-theft AM/FM stereo, dash-mounted CD player, Auto-Store, and FM diversity antenna system.



■ **BMW Assist™ Services¹** include Automatic Collision Notification, Emergency Request, enhanced Roadside Assistance, manual and automatic Service Request, as well as Bluetooth® hands-free calling. Also available are directions, traffic and weather information, plus concierge and stolen vehicle recovery services. Just push your SOS button and give us a try.

¹See your authorized BMW center for further details concerning services and subscription required.

Combinations

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

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

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

³ 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.

⁴ All exterior paint colors are standard on all models.

⁵ Dark Poplar Grain Wood: Standard in all models.

⁶ Anthracite Maple Wood: No-cost option in all models.

Here are your exterior and interior color choices. Review the color swatches to compare various combinations indicated in the chart. Since exterior paint samples and colors printed on paper can never perfectly match paint finishes and upholstery, we suggest you visit your local authorized BMW center to view the actual colors.

Standard equipment | Optional equipment

Performance and efficiency	530xi	Exterior and aerodynamics (continued)	530xi
3.0-liter dual overhead cam (DOHC), 24-valve inline 255-horsepower 6-cylinder engine with composite magnesium/aluminum engine block, Valvetronic system, and 3-stage air intake manifold	●	Halogen free-form foglights	●
Direct ignition system with knock control	●	Low-liftover tailgate with separately opening rear window	●
Electronically controlled engine cooling (map cooling)	●	Roof rails	●
6-speed manual transmission	●	Rear-window wiper/washer	●
6-speed STEPTRONIC automatic transmission with Sport and Manual shift modes and Adaptive Transmission Control (ATC)	○	Park Distance Control (front and rear) with graphic display	○
Handling, ride and braking		Rain-sensing windshield wipers with adjustable speed	●
Dynamic Stability Control (DSC), including Brake Fade Compensation, Start-off Assistant, Brake Drying, and Brake Stand-by features, with Dynamic Traction Control (DTC)	●	Power adjustable, heated, body-colored side-view mirrors	●
xDrive all-wheel drive	●	Metallic paint	●
Aluminum double-pivot-type front suspension	●	Chrome Line exterior trim	●
Aluminum 4-link Integral rear suspension	●	Shadowline exterior trim	□
Front and rear anti-roll (stabilizer) bars	●	Interior seating	
Aluminum front and rear subframes	●	Leatherette upholstery	●
Twin-tube gas-pressure shock absorbers	●	Dakota Leather upholstery and door trim	○/◇
4-wheel ventilated anti-lock disc brakes (ABS) with Dynamic Brake Control (DBC)	●	Split-folding rear seats	●
Vehicle-speed-sensitive variable-assist (Servotronic), variable-ratio power steering	●	10-way power front seats with power head restraints	●
Instrumentation and controls		12-way power front sport seats with power adjustable thigh support	□ ⁶
Multi-function 3-spoke steering wheel with controls for audio system, cruise control, and Bluetooth® wireless communication for mobile phone ¹	●	4-way power lumbar support for front seats	●
Electronic analog speedometer and tachometer and LCD main and trip odometers	●	20-way power multi-function Comfort front seats (includes articulated upper backrest, 4-way lumbar support, passenger's-seat memory, and active head restraints with adjustable side and thigh support)	○ ⁶
Expanded Check Control vehicle monitor system	●	2-setting memory system for driver's seat, side-view mirrors, and steering wheel position	●
Start/stop button	●	Adjustable front center armrest	●
Head-Up Display (HUD) ²	○	Dual center console compartments with provision for phone handset, climate-controlled lower compartment	●
iDrive system with on-board computer and controller	●	Comfort and convenience	
Exterior temperature display with alarm for freezing temperatures	●	Automatic climate control with separate left/right temperature and air distribution controls, with automatic air recirculation	●
Active Cruise Control (ACC)	○	Micro-filter ventilation system with replaceable active-charcoal filters	●
BMW on-board navigation system with Voice Command System	○	Panorama moonroof with fully automatic, two-piece glass panels, power slide and lift control, trap release, wind deflector and power interior sunshade	●
Vehicle & Key Memory	●	Automatic tilt-down of passenger's side-view mirror (when car is shifted into reverse gear)	●
Tire Pressure Monitor	●	Power tilt and telescopic steering wheel with automatic tilt-up	●
Exterior and aerodynamics		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	●
17 x 7.5 Star Spoke (Styling 138) cast alloy wheels, 225/50R-17 all-season tires ³	●	Automatic-dimming interior rear-view and exterior side-view mirrors	◇
18 x 8.0 Star Spoke (Styling 123) cast alloy wheels, 245/40R-18 run-flat performance tires ^{3, 4}	○ ⁵	Automatic tailgate operation	◇
Xenon Adaptive Headlights with dynamic auto-leveling	●	Interior courtesy lights with automatic dimming function	●
Automatic headlight control	●	Front map lights and rear reading lights with separate controls for the left and right	●
High-pressure headlight cleaning system	◆	BMW Ambiance Lighting	●
		Dual front sun visors with illuminated mirrors	●

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

¹ If so equipped.

² Requires on-board navigation system; not available with green-band windshield.

³ Spare is a space-saver wheel and tire.

⁴ 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.

⁵ Requires Sport Package.

⁶ Requires optional Dakota Leather upholstery or Premium Package.

Standard equipment | Optional equipment

Comfort and convenience (continued)	530xi	Audio system	530xi
Rear side-window sunshades	○	Anti-theft AM/FM stereo/CD audio system with 10 speakers, Auto-Store, MP3 capability and FM diversity antenna system	●
Dual cupholders in front and rear	●	Logic7 sound system with 13 speakers, Surround Sound and Digital Sound Processing (including two subwoofers)	■
Heated driver's door lock and rear window defroster	●	6-disc CD changer mounted in glove compartment; includes all features of standard audio system	■
3-stage heated front seats	○/◆	Pre-wiring for BMW center installation of BMW 6-disc CD changer, BMW mobile telephone, and satellite radio	●
3-stage heated rear seats ⁷	○	SIRIUS Satellite Radio ⁹	○
Heated steering wheel	◆	BMW Maintenance Program	
Open storage compartments in all doors and front seatback storage	●	BMW Full Maintenance ¹⁰	●
Fully finished cargo area with tool kit and interior tailgate release	●	Premium Package	
Storage area under the cargo floor with adjustable dividers	●	Dakota Leather upholstery and door trim	◇
Integrated 3-button Universal garage-door opener	◇	Integrated 3-button Universal garage-door opener	◇
Lighting package	◇	Automatic-dimming interior rear-view and exterior side-view mirrors	◇
Power outlet in front passenger's footwell, back of center console, and in cargo area	●	Lighting package	◇
Glove compartment with rechargeable take-out flashlight	●	Automatic tailgate	◇
Ski bag	◆	Sport Package	
Comfort Access keyless entry with multi-function remote control	○	12-way power front sport seats with power adjustable thigh support	□
		Shadowline exterior trim	□
Safety and security		Premium Sound Package	
Driver's and passenger's front airbag supplemental restraint system (SRS) with dual-threshold deployment, 2-stage Smart Airbags	●	Logic7 sound system with 13 speakers, Surround Sound, Digital Sound Processing (including two subwoofers)	■
Front- and rear-seat Head Protection System (AHPS II)	●	6-disc CD changer mounted in glove compartment; includes all features of standard audio system	■
Front-door-mounted side-impact airbags	●	Cold Weather Package	
Rear-seat side-impact airbags and automatic pretensioners on rear outboard safety belts	○	3-stage heated front seats	○/◆
Front safety belts with automatic pretensioners and force limiters	●	3-stage heated rear seats ⁷	○
Automatic-locking retractors (ALR) on passenger safety belts (for installation of child-restraint seats)	●	Heated steering wheel	◆
Latch attachments on child-restraint safety installation	●	High-pressure headlight cleaning system	◆
Interlocking door anchoring system to help protect against door intrusion in side impacts	●	Ski bag	◆
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 tailgate opening, interior motion detector, and panic feature	●		
Adaptive Brake Lights	●		
BMW Assist ⁸ with Bluetooth [®] integrated wireless communication system	●		

⁷ Requires Cold Weather Package.

⁸ Please see your authorized BMW center for limitations and rules on subscription services provided with BMW Assist.

⁹ See your authorized BMW center for details on equipment.

¹⁰ Full Maintenance Program covers all factory-recommended maintenance, as determined by the Service Interval Indicator for 4 years or 50,000 miles, whichever comes first. Full Maintenance Program includes items that need replacement due to normal wear and tear, provided wear and tear exceeds BMW specifications. This includes items such as brake pads, brake rotors and wiper blades that are not covered by the original New Vehicle Limited Warranty. Any adjustments required due to normal operating conditions are also included. For exclusions and limitations, refer to the Service and Warranty Information booklet that came with your new BMW, or see your authorized BMW center for details.

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Standard equipment | Technical features

Weight

		530xi
Unladen		
Manual transmission	lbs	3858
Automatic transmission	lbs	3891
Weight distribution, front/rear		
Manual transmission	%	48.3/51.7
Automatic transmission	%	48.4/51.6

Engine

Liter/type		3.0/inline 6
Bore/stroke	inch	3.35/3.47
Nominal output/rpm	hp	255/6600
Max torque/rpm	lb-ft	220/2750
Compression ratio	:1	10.7
Fuel grade		Unleaded premium

Transmission

Manual gear ratios		
III/III	:1	4.35/2.50/1.67
IV/V/VI	:1	1.23/1.00/0.85
R	:1	3.93
Final drive ratio	:1	3.38
Automatic gear ratios		
III/III	:1	4.17/2.34/1.52
IV/V/VI	:1	1.14/0.87/0.69
R	:1	3.40
Final drive ratio	:1	3.73

Performance

		530xi
Drag coefficient	C _d	0.33
Top speed ¹	mph	150
Acceleration 0–60 mph ²		
Manual transmission	sec	6.8
Automatic transmission	sec	7.3

Fuel consumption³

Manual transmission		
City	mpg	19
Highway	mpg	28
Automatic transmission		
City	mpg	20
Highway	mpg	27
Tank capacity, approx	gal	18.5

Tires and Wheels

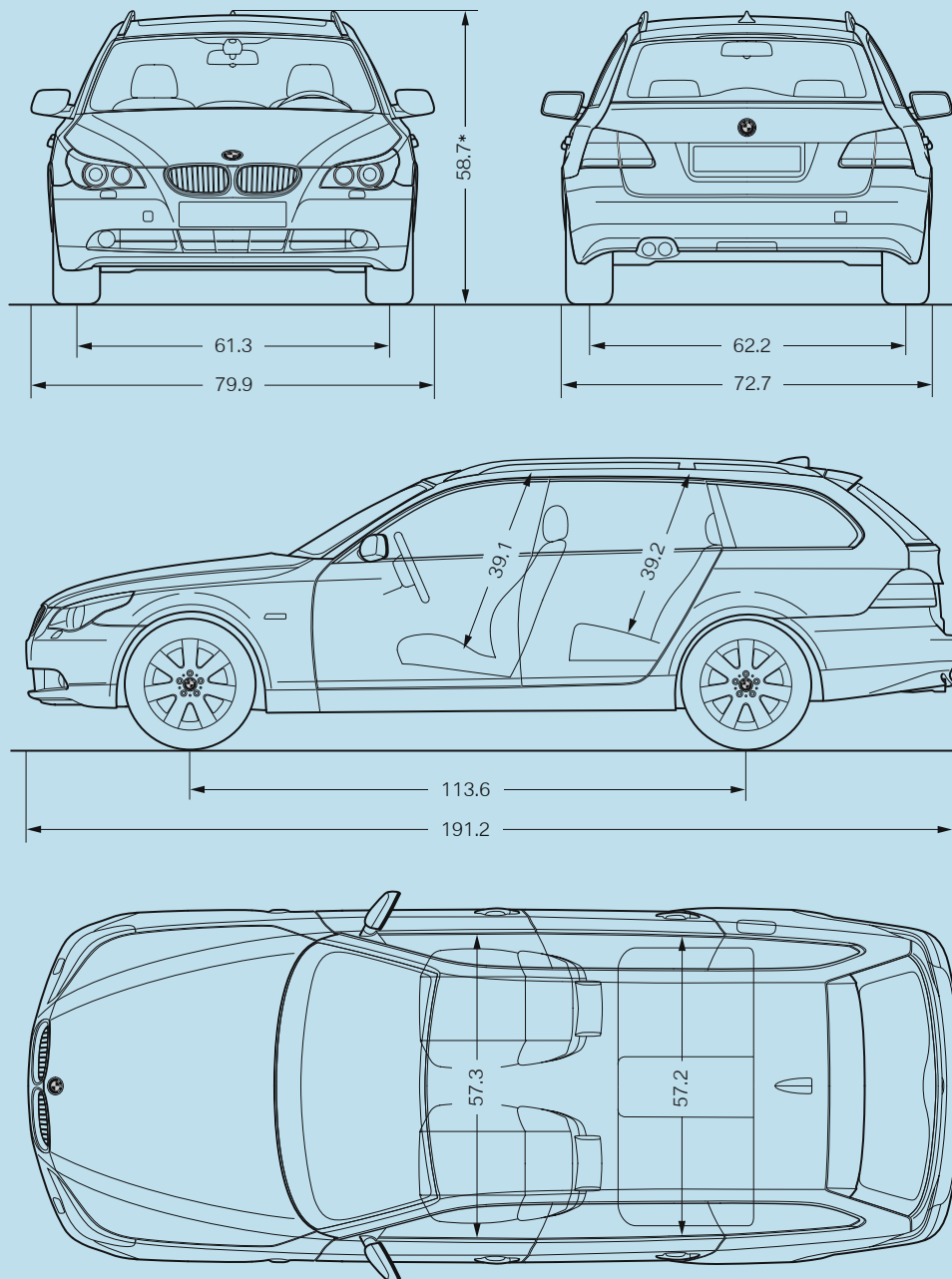
Tire dimensions	
Standard	225/50R-17
Optional (Sport Package required) ⁴	245/40R-18
Wheel dimensions	
Standard	17" x 7.5"
Optional (Sport Package required)	18" x 8.0"
Material	Cast alloy

Brakes

Front – diameter	in	12.8
Rear – diameter	in	12.6

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Specifications | Technical features



Illustrations above: All dimensions in inches. *Includes height of roof rails and antenna.

- 1 Top speed limited electronically.
- 2 BMW 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.**
- 3 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.
- 4 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.

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