

BMW 2004 3 Series  
Sports Wagon



325i  
325xi

The Ultimate  
Driving Machine®







One of the most versatile BMWs of all.





Don't sacrifice a thing.







BMW: Always improving on perfection.





A BMW is beautiful outside.  
And rewarding inside.

## Equipment

Equipment on this page may have limitations for ordering. Please review our text (dots) section, which will give you the detailed information required when ordering the equipment shown.



**Separately opening rear window** allows smaller items to be easily put into the cargo area without opening the tailgate.



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



**Rain sensor** uses infrared light to measure the amount of rain. When the wipers are in the "intermittent" mode, the rain sensor automatically adjusts the windshield wiping interval as needed. **Automatic headlight control** (not shown), included with rain sensor, activates headlights by means of a sensor that responds to darkness.



**Adaptive Brake Lights** increase the 3 Series Sports Wagon's visibility by signaling the intensity of your braking action.



**Full cargo net** helps keep cargo secured and safely away from the passenger area. Net can be anchored behind the back seats; when both back seats are folded, it can be anchored behind the front seats. When not in use, the luggage net housing can be easily removed.



**Power glass moonroof** tilts up at a touch to let in as much fresh air and sky as you like, while a wind deflector helps keep the wind out. Includes "one-touch" open/close operation, and a sliding interior sunshade.

## Equipment

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**17 x 7.0 Star Spoke (Styling 137) alloy wheels and 205/50R-17 all-season tires.** (This wheel is part of the 325xi Sport Package; not available on 325i).



**16 x 7.0 Star Spoke (Styling 45) alloy wheels and 205/55R-16 all-season tires** work with Dynamic Stability Control to help maximize 325i and all-wheel drive 325xi traction. (Standard wheel on both 325i and 325xi).



**17 x 8.0 Star Spoke (Styling 119) alloy wheels and 225/45R-17 performance tires<sup>1</sup>** make the most of the sport suspension. (This wheel is part of the 325xi Sport Package; not available on 325i).

<sup>1</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.



Standard equipment | Optional equipment

	325i	325xi
<b>Performance and efficiency</b>		
2.5-liter dual overhead cam (DOHC), 24-valve inline 6-cylinder engine	•	•
Electronic throttle control	•	•
Double-VANOS steplessly variable valve timing	•	•
Dual resonance intake system	•	•
5-speed manual transmission	•	•
5-speed STEPTRONIC automatic transmission with Adaptive Transmission Control	◦	◦
6-speed Sequential Manual Gearbox (SMG) <sup>1</sup>	◦	
<b>Handling, ride and braking</b>		
Dynamic Stability Control (DSC), with All Season Traction	•	•
All-wheel drive including DSC and Hill Descent Control (HDC)		•
Strut-type front suspension with forged-aluminum lower arms	•	•
Multi-link rear suspension with cast-aluminum upper transverse arms	•	•
Front and rear anti-roll (stabilizer) bars	•	•
Twin-tube gas-pressure shock absorbers	•	•
Engine-speed-sensitive, variable-assist power steering	•	•
4-wheel ventilated anti-lock disc brakes with Dynamic Brake Control	•	•
Sport suspension calibration	◻	
<b>Exterior</b>		
16 x 7.0 Star Spoke (Styling 45) alloy wheels, 205/55R-16 all-season tires	•	•
17 x 8.0 Star Spoke (Styling 119) alloy wheels, 225/45R-17 performance tires <sup>2</sup>	◻	
17 x 7.0 Star Spoke (Styling 137) alloy wheels, 205/50R-17 all-season tires		◻
Full-use spare alloy wheel and tire (reduces underfloor cargo space)	◦	◦
Chrome and body-color detail trim	•	•
Xenon low- and high-beam headlights with auto-leveling	◦	◦
Halogen free-form foglights	•	•
Rain sensor with automatic headlight control	•	•
Retractable, high-intensity headlight washers	★	★
Heated dual-power mirrors and heated windshield washer jets	•	•
Low-liftover tailgate with separately opening rear window	•	•
Roof rails	•	•
Rear window wiper/washer	•	•
Metallic paint	◦	◦
<b>Audio system</b>		
Anti-theft AM/FM stereo/CD audio system with 10 speakers, Radio Data System (RDS), Auto-Store, and 3-channel FM diversity antenna system, pre-wired for 6-disc CD changer <sup>3</sup> and compatible with auxiliary audio input adaptor <sup>3</sup> for audio connection of portable music players	◦	◦
Harman Kardon stereo/CD audio system with 10 upgraded speakers (including 2 subwoofers), amplification, vehicle-speed-sensitive equalization; pre-wired for optional six-disc CD changer <sup>3</sup> and compatible with auxiliary audio input adaptor <sup>3</sup> for audio connection of portable music players	◦	◦
<b>Instrumentation and controls</b>		
Service Interval Indicator with miles-to-service readout	•	•
Check Control vehicle monitor system with pictogram display	•	•
4-function on-board computer	◦/◊	◦/◊
On-board navigation system with 16:9 screen and high-function on-board computer <sup>4</sup>	◦	◦
BMW Assist	◦/◊	◦/◊
<b>Interior seating and trim</b>		
8-way adjustable front seats (includes 2-way headrests)	•	•
8-way power front seats with 3-driver memory for exterior mirror and seat positions; automatic tilt-down of passenger's side-view mirror when vehicle is shifted into reverse gear	◦/◊	◦/◊
12-way adjustable front sport seats (includes 2-way headrests and thigh support)	◻	◻
8-way power front sport seats with 3-driver memory for exterior mirror and seat positions; automatic tilt-down of passenger's side-view mirror when vehicle is shifted into reverse gear	◦ <sup>5</sup> /◊ <sup>5</sup>	◦ <sup>5</sup> /◊ <sup>5</sup>
Leatherette upholstery	•	•
Montana leather upholstery	◦	◦
3-stage heated front seats	◦/★	◦/★
4-spoke leather-wrapped multifunction steering wheel with fingertip cruise, audio and accessory phone <sup>6</sup> controls	•	•
3-spoke leather-wrapped multifunction sport steering wheel with fingertip cruise, audio and accessory phone <sup>6</sup> controls	◻	◻
Front-seat center armrest with storage compartment	•	•
Front seatback storage nets	•	•
Split fold-down rear seats	•	•
Rear-seat center armrest with storage compartment and dual cupholders	•	•
Ski bag	★	★
Titanium-finish trim	•	•
Myrtle wood trim	◊	◊
Aluminum brushed columns trim <sup>7</sup>	◦	◦

- = Standard
- = Optional
- ◊ = Included in optional Premium Package
- ◻ = Included in optional Sport Package
- ★ = Included in optional Cold Weather Package

- 1 Requires Sport Package.
- 2 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.

- 3 Available as an accessory item.
- 4 Requires on-board computer or Premium Package.
- 5 Requires Sport Package.
- 6 If so equipped.
- 7 Requires Premium Package.



Optional equipment | Standard equipment

	325i	325xi
<b>Comfort and convenience</b>		
Vehicle & Key Memory	•	•
Remote entry, including 2-step unlocking and remote tailgate release	•	•
Automatic climate control with micro-filter and air recirculation	•	•
2-way power glass moonroof with "one-touch" operation, sliding interior sunshade, and wind deflector	•	•
Tilt/telescopic steering wheel column	•	•
Park Distance Control (PDC), rear	◦	◦
Automatic-dimming inside rear-view mirror	◇	◇
Power front and rear windows with "one-touch" up/down operation	•	•
Cruise control	•	•
Front/rear map-reading, footwell and visor mirror lights	•	•
Locking glovebox with rechargeable take-out flashlight	•	•
Electric interior tailgate release	•	•
Fully finished and lighted cargo area with underfloor storage space and tool kit	•	•
Retractable vertical cargo net and horizontal cargo cover	•	•
BMW Ambiance Lighting	•	•
Pre-wiring for cellular phone, alarm, garage-door opener, 6-CD changer and auxiliary input	•	•
<b>Safety and security</b>		
Anti-lock braking system (ABS)	•	•
Adaptive Brake Lights	•	•
Head Protection System (HPS)	•	•
Driver's and passenger's front airbag supplemental restraint system (SRS) with "smart" dual-threshold and dual-stage deployment and sensor to help prevent unnecessary passenger's airbag deployment	•	•
Front-door-mounted side-impact airbags	•	•
Rear-door-mounted side-impact airbags	◦	◦
Interlocking door anchoring system to help protect against door intrusion in side impacts	•	•
Battery Safety Terminal	•	•
Automatic fuel cut-off, triggered by airbag deployment	•	•
Central locking system with center console switch (leaves gas filler door unlocked), double-lock feature and 2-step unlocking <sup>8</sup>	•	•
Coded Driveaway Protection	•	•
Height-adjustable front safety belts with automatic pretensioners and force limiters	•	•
3-point safety belts at all seating positions	•	•
Adjustable head restraints at all seating positions	•	•
Automatic-locking retractors (ALR) on all passenger safety belts (for installation of child restraint seats)	•	•
Child-safety rear door locks; child seat automatic safety belt locking device and restraint tether anchors	•	•
Crash sensor that automatically turns on hazard lights and interior lights, and unlocks doors	•	•
Daytime running lights (via Vehicle Memory system – programmed at BMW center)	•	•
Isofix automatic-locking retractors (ALR) on all passenger safety belts (for installation of child restraint seats)	•	•
<b>BMW Maintenance Program</b>		
BMW Full Maintenance <sup>9</sup>	•	•
<b>Premium Package</b>		
8-way power front seats; 3-position driver's seat and exterior mirror memory; automatic tilt-down of passenger's side-view mirror in reverse gear	◇	◇
Automatic-dimming inside rear-view mirror	◇	◇
4-function on-board computer	◇	◇
Myrtle wood trim	◇	◇
BMW Assist	◇	◇
Aluminum brushed columns trim <sup>7</sup>	◦	◦
<b>Sport Package</b>		
Sport suspension calibration	□	□
17 x 8.0 Star Spoke (Styling 119) alloy wheels, 225/45R-17 performance tires <sup>2</sup>	□	□
12-way adjustable front sport seats (includes 2-way headrests and thigh support)	□	□
8-way power front sport seats with 2-way manual headrests and thigh support; 3-driver memory for exterior mirror and seat positions; automatic tilt-down of passenger's side-view mirror when vehicle is shifted into reverse gear <sup>10</sup>	◦	◦
3-spoke leather-wrapped multifunction sport steering wheel with fingertip cruise, audio and accessory phone <sup>6</sup> controls	□	□
17 x 7.0 Star Spoke (Styling 137) alloy wheels, 205/50R-17 all-season tires <sup>2</sup>	□	□
6-speed Sequential Manual Gearbox (SMG) with Automated and Manual shift modes, includes Dynamic Driving Control (Sport button) <sup>1</sup>	◦	◦
<b>Cold Weather Package</b>		
Ski bag	★	★
3-stage heated front seats	★	★
Retractable, high-intensity headlight washers	★	★

8 Programmable in Vehicle & Key Memory.

9 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.

10 Available as an option when Sport Package is ordered; included in Sport Package when Premium Package is also ordered.

## Specifications | Technical features

<b>Weight</b>		<b>325i</b>	<b>325xi</b>
Unladen	lbs	3362 (3450)	3594 (3627)
Weight distribution, front/rear			
Manual transmission	%	47.7/52.3	50.1/49.9
Automatic transmission	%	48.4/51.6	50.0/50.0
<b>Engine</b>			
Liter/type		2.5/inline 6	2.5/inline 6
Bore/stroke	inch	3.31/2.95	3.31/2.95
Nominal output/rpm	hp	184/6000	184/6000
Max torque/rpm	lb-ft	175/3500	175/3500
Compression ratio	:1	10.5	10.5
Fuel grade		Unleaded premium	Unleaded premium
<b>Transmission</b>			
Manual gear ratios			
I/II/III	:1	4.23/2.52/1.66	4.21/2.49/1.66
IV/V/R	:1	1.221/1.00/4.04	1.24/1.00/3.85
Final drive ratio	:1	3.46	3.23
Automatic gear ratios			
I/II/III	:1	3.45/2.21/1.59	3.45/2.21/1.59
IV/V/R	:1	1.00/0.76/3.17	1.00/0.76/3.17
Final drive ratio	:1	3.46	3.46
Sequential Manual Transmission (SMG)			
I/II/III	:1	4.35/2.50/1.66	–
IV/V/VI/R	:1	1.23/1.0/0.85/3.93	–
Final drive ratio	:1	3.46	–
<b>Performance</b>			
Drag coefficient	C <sub>d</sub>	0.32	0.32
Top speed <sup>1</sup>	mph	128	128
Acceleration 0-60 mph <sup>2</sup>	sec	7.4 (8.5)	7.8 (9.0)
<b>Fuel consumption<sup>3</sup></b>			
5-speed manual transmission			
City	mpg	20	19
Highway	mpg	29	26
5-speed automatic transmission			
City	mpg	19	19
Highway	mpg	27	26
Sequential Manual Transmission (SMG)			
City	mpg	21	N/A
Highway	mpg	30	N/A

Figures in ( ) apply to vehicles with automatic transmission.

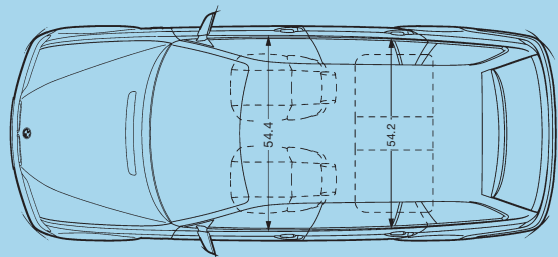
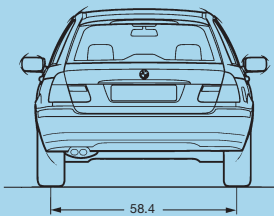
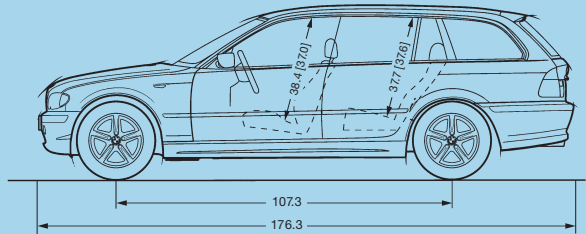
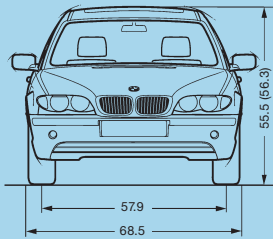
<sup>1</sup> Top speed limited electronically.

<sup>2</sup> 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.**

<sup>3</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.



Tires, wheels and brakes			325i	325xi
Tire dimensions	(standard)		205/55R-16 all-season	205/55R-16 all-season
Wheel dimensions	(standard)		16 x 7.0	16 x 7.0
Material			Cast alloy	Cast alloy
Brake dimensions	(diameter)			
	front – vented	inch	11.8	11.8
	rear – vented	inch	11.6	11.6



Figures in [ ] refer to dimensions with optional moonroof.  
 Figures in ( ) refer to 325xi.  
 All dimensions in inches.

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