BMW 2004 X5 Sports Activity Vehicle

X5 3.0i
X5 4.4i

The Ultimate Driving Machine®

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The 2004 X5 SAV: The perfect vehicle for the road ahead – whether it's an Interstate or a gravel drive

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Extending the boundaries

Some call the X5 fun to drive. BMW calls it “active safety.”

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The view from your seat of command: clear, elegant, enticing.

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Xenon low- and high-beam headlights illuminate the road ahead and to the side with brilliant clarity. These headlights also feature auto-leveling. (std. in X5 4.4i; opt. in X5 3.0i)

On-board navigation system uses the GPS (Global Positioning System) satellites and BMW technology to help show – and tell – you the way to your destination. BMW's upgraded eight-function on-board computer is included with the DVD-based navigation system, as are controls for the audio system and (accessory) phone. (Optional equipment; requires Premium Package; cassette deck replaces CD)

Supple **Dakota leather** covers seating surfaces, head restraints and door panels for a luxurious feel. (Optional equipment and included in Premium Package 3.0i; std. in X5 4.4i)

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Power glass moonroof slides forward or 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 a sliding interior sunshade. (Optional equipment and included in Optional Premium Package for 3.0i and 4.4)

Three-spoke leather-wrapped sport steering wheel features power tilt/telescoping and controls for cruise, audio and (accessory) phone. (Included with Optional Sport Package)

Shadowline trim replaces exterior chrome trim, for a more rugged, sporting look. (shown with Privacy Glass, which is included in Rear Climate Package; included with Optional Sport Package)

Sport front seats are designed to hold you tight in curves during sporty driving. Seats are eight-way power adjustable with a two-way manually adjustable thigh support. (Included with Optional Sport Package)

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18 x 8.5 Star Spoke (Styling 74) cast-alloy wheels and large, 255/55R-18 all-season tires are included in the X5 4.4i Sport Package.

18 x 8.5 Y Spoke (Styling 131) cast-alloy wheels and large, 255/55R-18 all-season tires are included in the X5 3.0i Sport Package.

19 x 9 front / 19 x 10 rear Star Spoke (Styling 132) cast-alloy wheels and 255/50R-19 front, 285/45R-19[1] rear performance tires. (opt. with X5 4.4i Sport Package only; performance tires not recommended for winter driving.

[1]Due to low-profile tires, please note: wheels, tires and suspension parts are more susceptible to road hazard and consequential damages.)

Performance and efficiency	3.0i	4.4i
3.0-liter, 225-hp dual overhead cam (DOHC), 24-valve inline 6-cylinder engine with Double-VANOS steplessly variable valve timing	●	
4.4-liter, 315-hp 32-valve V-8 engine, 4 overhead camshafts, Valvetronic, and steplessly variable intake manifold		●
6-speed manual transmission	●	
5-speed electronically controlled automatic transmission with Adaptive Transmission Control and STEPTRONIC gear selection, including Sport mode	○	
6-speed electronically controlled automatic transmission with Adaptive Transmission Control and STEPTRONIC gear selection, including Sport mode		●

Handling, ride and braking	3.0i	4.4i
xDrive all-wheel drive system	●	●
All Season Traction for all-wheel drive	●	●
Dynamic Stability Control (DSC-X) with Cornering Brake Control	●	●
Dynamic Brake Control	●	●
Hill Descent Control (HDC)	●	●
Double-pivot strut-type front suspension	●	●
Front subframe with dual hydraulic mounts	●	●
Self-leveling rear axle with air springs	○	●
Aluminum 4-link integral rear suspension	●	●
Rear subframe on 4 rubber mounts	●	●
Acoustically decoupled final drive with hydraulic rear mount	●	●
Front and rear anti-roll (stabilizer) bars	●	●
Twin-tube gas-pressure shock absorbers	●	●
Engine-speed-sensitive power steering	●	●
Sport suspension calibration	■	■
Adjustable ride height (requires Sport Package)	○	○
4-wheel anti-lock disc brakes with ventilated front discs; electronic front/rear proportioning	●	●

Exterior	3.0i	4.4i
17 x 7.5 Star Spoke (Styling 130) cast-alloy wheels, and 235/65R-17 all-season tires	●	
18 x 8.5 Double Spoke (Styling 153) cast-alloy wheels, and 255/55R-18 all-season tires		●
18 x 8.5 Y Spoke (Styling 131) cast-alloy wheels, and 255/55R-18 all season tires	■	
18 x 8.5 Star Spoke (Styling 74) cast-alloy wheels, and 255/55R-18 all season tires		■
19 x 9.0 front / 19 x 10.0 rear Star Spoke (Styling 132) wheels, and 255/50R-19 front, 285/45R-19 rear performance tires		○[1]
Spare tire – 235/65R-17 all-season tire on 17 x 7.5 cast-alloy wheel	●	●
Xenon low- and high-beam headlights with auto-leveling	○	●
Halogen free-form low-beam headlights	●	●
Halogen free-form foglights	●	●
High-pressure liquid headlight cleaning system	□	□

Exterior (continued)	3.0i	4.4i
Dual power/heated outside mirrors	●	●
Rain-sensing windshield wipers	●	●
Intermittent windshield wipers with adjustable and vehicle-speed-sensitive wiping interval, single-wipe control, windshield-washer system with heated washer jets	●	●
Rear-window wiper/washer with adjustable wiping interval	●	●
Roof rails (accommodate various BMW roof carrier systems)	●	●
Black chrome exhaust tips	■	■
Titanium-color front bumper grille insert	■	■
Shadowline trim	■	■
Metallic paint	●	●
Body-color exterior door and tailgate handles	●	●

Interior seating and trim	3.0i	4.4i
8-way power driver's and passenger's seat	●	●
8-way power sport seats with 2-way manual thigh support adjustment	■[3]	■
16-way power Comfort seats		○
4-way power lumbar support[2]	○	◆
Memory system for driver's seat, steering wheel and outside mirrors (3 settings)	●	●
3-stage heated front seats	□	□
Front-seat center console with armrest, phone accommodation, storage compartment	●	●
Rear-seat center armrest	●	●
Heated rear seats (requires Cold Weather Package)	○	○
Power adjustable rear seatbacks	◆	◆
Split folding rear seats	●	●
Leatherette upholstery	●	
Dakota leather upholstery (seating, head restraints and door trim)	○/◆	●
Leather shift knob, handbrake grip and boot	●	●
4-spoke, power tilt/telescopic leather-wrapped steering wheel with cruise, audio and phone[4] controls	●	●
3-spoke, power tilt/telescopic leather-wrapped sport steering wheel with cruise, audio and phone[4] controls	■	■
Heated steering wheel[5] (requires Cold Weather Package)	○	○
High-Gloss interior trim	●	
Light Poplar Wood interior trim	◆	●
Dark Poplar Wood interior trim	○[6]	○
Anthracite Maple Wood interior trim	○[6]	○
Anthracite headliner	■	■
Dual front sun visors with illuminated mirrors	●	●
Ski bag	□	□
Rear-door-window sunshades	◇	◇
Fully finished cargo area with velour carpeting, tool kit under floor	●	●
Retractable cargo cover	●	●

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● Standard
○ Optional
◆ Premium Package
■ Sport Package
◇ Rear Climate Package
□ Cold Weather Package

For the full selection of BMW X5 accessories, please see your authorized BMW SAV center.

[1] Requires Sport Package. Performance tires are not recommended for driving in ice and snow. Due to low-profile tires, please note: wheels, tires and suspension parts are more susceptible to road hazard and consequential damages.
[2] Included with Comfort seats.
[3] Requires leather upholstery or Premium Package.
[4] When vehicle is so equipped.
[5] Not available with Sport Package.
[6] Optional; requires Premium Package.

Comfort and convenience	3.0i	4.4i
Vehicle & Key Memory	●	●
Power 2-way moonroof with key-off and "one-touch" opening and closing, anti-trapping feature, opening from remote, opening and closing from exterior door lock, sliding interior sunshade	○/◆	○/◆
Power windows with key-off operation; "one-touch" opening and closing of all door windows, anti-trapping feature and opening from remote	●	●
Air conditioning	●	●
Automatic front climate control with separate left/right temperature settings and automatic recirculation control	◆	●
Rear climate control	◇[7]	●
Active-charcoal micro-filter ventilation	●	●
Keyless entry with multi-function remote control; 2-step unlocking and remote tailgate release	●	●
Park Distance Control (front and rear)	○	○
Automatic headlight control	●	●
Dual cupholders front and rear (total: 4-cup capacity)	●	●
BMW Ambiance Lighting	●	●
Automatic tilt-down of right outside mirror for visibility of curb when backing up	○	◆
Automatic-dimming rear-view mirrors[8]	○	◆
Privacy glass	◇	◇
Retractable cargo floor	○	○

Instrumentation and controls		
Service Interval Indicator	●	●
Electronic analog instrumentation with LED illumination	●	●
Outside-temperature display	●	●
Check Control vehicle monitor	●	●
4-function on-board computer	●	●
8-function on-board computer	◆	◆
On-board DVD-based navigation system, including 8-function on-board computer (not available with in-dash CD player; requires Premium Package)	○	○
Time-delay courtesy lights with actuation from driver's exterior door handle or remote control; automatic switch-on when engine is turned off	●	●
Rear-window defroster	●	●
Interior tailgate release, electrically operated	●	●
Separately controllable front and rear reading lights	○	●
BMW Universal Transceiver (garage-door opener)	●	●

Audio system		
Anti-theft AM/FM stereo CD[9] radio with Radio Data System (RDS), 3-channel FM diversity antenna system	●	●
High-fidelity 10-speaker sound system	●	●
Premium High-fidelity 12-speaker sound system with Digital Sound Processing (DSP) and 2 subwoofers	○	○
Pre-wiring for BMW mobile phone systems	●	●

Safety and security	3.0i	4.4i
Dual front-impact airbag Supplementary Restraint System (SRS) with dual-threshold and dual-stage deployment	●	●
3-point safety belts and head restraints at all seating positions	●	●
Front safety belts with automatic pretensioners and force limiters	●	●
Front- and rear-compartment Head Protection System (HPS) with front side-impact airbags	●	●
Rear-door-mounted side-impact airbags	○	○
Integrated deployment logic for safety-belt pretensioners, airbags and post-impact safety measures	●	●
Adaptive Brake Lights	●	●
Battery Safety Terminal	●	●
Central locking system	●	●
Coded Driveaway Protection	●	●
Alarm system with operation from keyhead remote, interior motion detector	●	●

BMW Maintenance Program		
Full Maintenance[10]	●	●

Premium Package[11]		
Dakota leather upholstery, Light Poplar Wood trim, power 2-way moonroof, front climate control, power adjustable rear seatbacks, 8-function on-board computer	○	
Power 2-way moonroof, power adjustable rear seatbacks, 8-function on-board computer, 4-way lumbar support, automatic-dimming rear-view mirrors		○

Sport Package[11]		
Sport suspension calibration, shadowline trim, 3-spoke multi-function sport steering wheel, anthracite headliner, black chrome exhaust tips, titanium-color front bumper grille insert	○	○
18 x 8.5 Y Spoke (Styling 131) cast-alloy wheels, and 255/55R-18 all season tires	○	
18 x 8.5 Star Spoke (Styling 74) cast-alloy wheels, 255/55R-18 all-season tires, sport seats		○

Rear Climate Package[11]		
Rear climate control[7], privacy glass in rear windows, rear-door-window sunshades	○	
Privacy glass in rear windows, rear-door-window sunshades		○

Cold Weather Package[11]		
Heated front seats, high-pressure liquid headlight cleaning system, ski bag	○	○

[7] Requires Premium Package.
[8] Includes both inside and outside mirrors.
[9] Not available with optional navigation system.
[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 SAV center for details.
[11] Packages can be ordered together.

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Performance data		3.0i	4.4i
Acceleration, 0-60 mph	sec	7.8 (8.3)[1]	6.8[1]
Top speed[2]	mph	130	130
Fuel economy, EPA est. mpg[3]	city/highway	TBD	TBD

Accommodations			
Seating capacity	persons	5	5
Shoulder room, front/rear	in	58.0/57.2	58.0/57.2
Head room, front[4]/rear	in	39.9/38.5	39.9/38.5

General		3.0i	4.4i
Curb weight	lbs	4652 (4696)	4927
Weight distribution	front/rear, %	48.1/51.9 (48.6/51.4)	49.7/50.3
Wheelbase	in	111.0	111.0
Track, front/rear	in	62.0/62.0	61.4/61.4
Length	in	183.7	183.7
Width	in	73.7	73.7
Height[5]	in	67.5	67.2
Ground clearance	in	7.1	7.1
Trailer-towing capacity	lbs	6000	6000

Chassis	3.0i	4.4i
Front suspension	Struts, double-pivot lower arms, coil springs, twin-tube gas-pressure shock absorbers, anti-roll bar (Sport Package: sport suspension calibration)	Struts, double-pivot lower arms, coil springs, twin-tube gas-pressure shock absorbers, anti-roll bar (Sport Package: sport suspension calibration)
Rear suspension	4-link integral suspension in aluminum, self-leveling air springs, twin-tube gas-pressure shock absorbers, anti-roll bar (Sport Package: sport suspension calibration)	4-link integral suspension in aluminum, self-leveling air springs, twin-tube gas-pressure shock absorbers, anti-roll bar (Sport Package: sport suspension calibration)
Steering type	Rack & pinion, engine-speed-sensitive variable power assist	Rack & pinion, engine-speed-sensitive variable power assist
Steering ratio	21.1:1	21.1:1
Turns, lock-to-lock	3.5	3.5
Turning circle, ft.	39.7	39.7
Wheels, standard	Cast alloy, 17 x 7.5 front & rear	Cast alloy, 18 x 8.5 front & rear
Wheels, optional (Sport Package)[6]	Cast alloy, 18 x 8.5 front & rear	Cast alloy, 19 x 9.0 front, 19 x 10.0 rear
Tires, standard	235/65R-17 all-season front & rear	255/55R-18 all-season front & rear
Tires, optional (Sport Package)	255/55R-18 all-season front & rear	255/50R-19 front performance, 285/45R-19 rear performance
4-wheel disc brakes (diameter x thickness)	13.1 x 1.18-in. ventilated front, 12.8 x 0.47-in. solid rear with electronic brake proportioning, Anti-lock Braking System & Dynamic Brake Control	13.1 x 1.18-in. ventilated front, 12.8 x 0.47-in. solid rear with electronic brake proportioning, Anti-lock Braking System & Dynamic Brake Control
Stability-enhancement systems	Dynamic Stability Control Cornering Brake Control Hill Descent Control (HDC)	Dynamic Stability Control Cornering Brake Control Hill Descent Control (HDC)

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Figures in ( ) refer to X5 3.0i with automatic transmission.

[1] Preliminary 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.**

[2] Top speed limited electronically.

[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] Without moonroof.

[5] Measurements do not include roof rail height of 1.8 inches.

[6] Due to low-profile tires, please note: wheels, tires and suspension parts are more susceptible to road hazard and consequential damages.

Drivetrain	3.0i	4.4i
Drive system	Front engine/xDrive all-wheel drive system with All Season Traction	Front engine/xDrive all-wheel drive system with All Season Traction
Manual transmission	6-speed manual transmission	–
Gear ratios	1st 5.14:1 2nd 2.83:1 3rd 1.78:1 4th 1.26:1 5th 1.00:1 6th 0.83:1 Reverse 4.64:1	– – – – – – –
Final drive ratio	4.10:1	–
Automatic transmission	5-speed with Adaptive Transmission Control & STEPTRONIC automatic/ clutchless manual	6-speed with Adaptive Transmission Control & STEPTRONIC automatic/ clutchless manual
Gear ratios	1st 3.42:1 2nd 2.22:1 3rd 1.60:1 4th 1.00:1 5th 0.75:1 Reverse 3.03:1	1st 3.17:1 2nd 2.34:1 3rd 1.52:1 4th 1.14:1 5th 0.87:1 6th 0.69:1 Reverse 3.40:1
Final drive ratio	4.10:1	4.10:1

Body		
Type	Unitized all-steel structure	Unitized all-steel structure
Aerodynamic drag coefficient C_d	0.35	0.36
EPA classification	Light-duty truck	Light-duty truck

Engine		
Engine type	DOHC 24-valve inline six-cylinder	4-overhead-cam 32-valve V-8
Bore x stroke, in/mm	3.31 x 3.53 / 84.0 x 89.6	3.62 x 3.26 / 92.0 x 82.7
Displacement, cu in/cc	181.8 / 2979	268.4 / 4398
Compression ratio	10.2:1	10.0:1
Power @ rpm, hp	225 @ 5900	315 @ 5400
Torque @ rpm, lb-ft	214 @ 3500	324 @ 3600
Engine-management system	Siemens MS43; Double-VANOS steplessly variable intake and exhaust valve timing, engine cooling & other functions included in control strategy	Motronic ME 9.2.1; Valvetronic variable valve lift, Double-VANOS steplessly variable intake and exhaust valve timing, engine cooling & other functions included in control strategy
Fuel requirement	Premium unleaded (min. 91 octane)	Premium unleaded (min. 91 octane)
Fuel capacity, U.S. gal	24.3	24.3
Emission control	3-way catalytic converter, dual oxygen sensors, secondary air injection, closed-loop mixture control (50 states)	3-way catalytic converter, dual oxygen sensors, secondary air injection, closed-loop mixture control (50 states)
Emissions certification*	Ultra-Low Emission Vehicle (ULEV)	Low Emission Vehicle (LEV)

* EPA/California Air Resources Board

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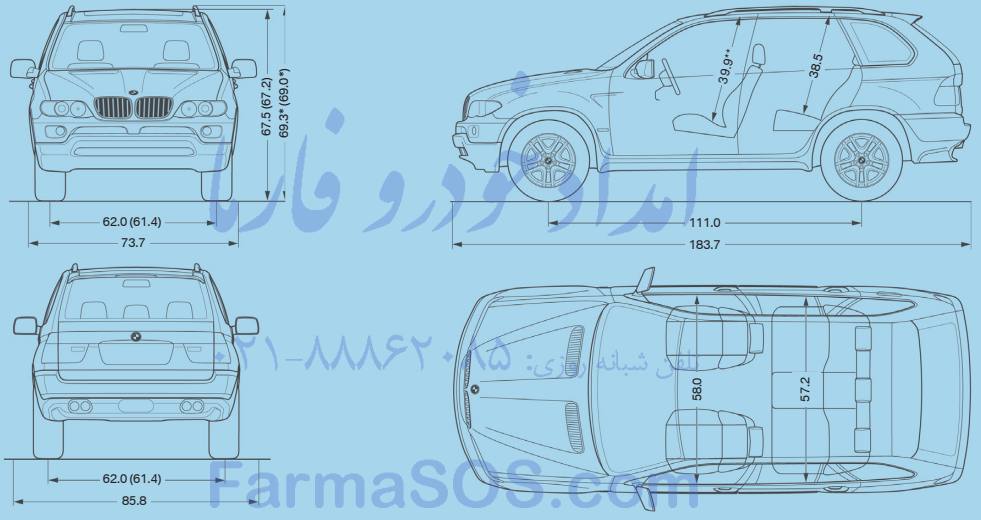

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All dimensions in inches.
Figures in ( ) refer to X5 4.4i.
*Including roof rails.
**Without moonroof.

Make your mark on the X5. Have the Sports Activity Vehicle you've always wanted. Exactly the way you've always wanted it. BMW gives you the choice. Don't compromise! ■