

IMMEDIATE

David J. Buchko
BMW Product Communications Manager
201-307-3789 / dave.buchko@bmwna.com

Gordon B. Keil
BMW Product Communications Specialist
201-307-3790 / gordon.keil@bmwna.com

2002 BMW X5 SERIES SPECIFICATIONS

Bold within table indicates new specification for 2002.

GENERAL	X5 3.0i	X5 4.4i	X5 4.6is
Curb weight, lb.:			
Manual transmission	4533	NA	NA
Automatic transmission	4586	4824	4824
Weight distribution, front/rear, %:			
Manual transmission	49.1/50.9	–	–
Automatic transmission	49.5/50.5	50.7/49.3	50.7/49.3
Gross Vehicle Weight Rating (GVWR), lb.	6005	6005	6005
Wheelbase, in.	111.0 ¹		
Length, in.	183.7 ¹		
Width, in.	73.7 ¹		
Height, in.	67.5 ²	67.2	67.2
BODY			
Type	Unitized all-steel structure ¹		
Aerodynamic drag coefficient (C _D)	0.35	0.36	0.38
EPA size classification	Special Purpose ¹		

¹ – Specification applies to all models.

² – With standard wheels & tires.

ACCOMMODATIONS	X5 3.0i	X5 4.4i	X5 4.6is
Seating capacity, persons	5 ¹		
Shoulder room, front/rear, in.	58.0/57.2 ¹		
Head room, front/rear, in.:			
without moonroof	39.9/38.5	39.9/38.5	NA
with moonroof	39.3/38.5 ¹		
Leg room, front/rear, in.	39.3/35.4 ¹		
EPA interior volume, cu ft.	97.6 ¹		
EPA cargo volume, cu ft.	23.8/54.4 ^{1 3}		

ENGINE & ELECTRICAL

Engine type	DOHC 24-valve	DOHC (4-cam) 32-valve V-8, inline 6-cylinder, VANOS ⁴ steplessly variable VANOS ⁴ step- intake-valve timing ⁵ lessly variable intake- & exhaust- valve timing	
Bore x stroke, mm/in.	84.0 x 89.6/ 3.31 x 3.53	92.0 x 82.7/ 3.62 x 3.26	93.0 x 85.0/ 3.66 x 3.35
Displacement, cc/cu in.	2979/182	4398/268	4619/282
Compression ratio	10.2:1	10.2:1	10.5:1
Power @ rpm, SAE net	225 @ 5900	290 @ 5400	340 @ 5700
Torque @ rpm, lb-ft.	214 @ 3500	324 @ 3600	350 @ 3700
Fuel requirement	Premium unleaded ¹		
Fuel capacity, U.S. gal.	24.6 ¹		
Engine management system	Siemens MS 43	Bosch Motronic M 7.2 ⁵	
50 state emissions rating	Ultra Low Emiss. Vehicle (ULEV)	Low Emissions Vehicle (LEV) ⁵	
Alternator output, amp./W	120/1680	150/2100 (liquid-cooled & fully encapsulated) ⁵	
Battery capacity, amp-hr.	80	90 ⁵	

³ – Rear seats upright/folded. 16.1-cu-ft. capacity is measured to top of rear-seat backrests; capacity is 23.8 cu ft. when cargo is loaded to ceiling.

⁴ – VANOS = **V**ARIABLE **N**OCKENWELLEN **S**TEUERUNG = variable camshaft control, or variable valve timing.

⁵ – Specification applies to 4.4i & 4.6is models.

DRIVETRAIN	X5 3.0i	X5 4.4i	X5 4.6is
Drive system	Front engine/fulltime all-wheel drive ¹		
Manual transmission	Wide-ratio	NA ⁵	
	5-speed		
Transmission model	ZF Type C	–	–
Ratios: 1st	5.09:1	–	–
2nd	2.80:1	–	–
3rd	1.76:1	–	–
4th	1.25:1	–	–
5th	1.00:1	–	–
Reverse	4.71:1	–	–
Final drive ratio	4.10:1	–	–
Automatic transmission	STEPTRONIC 5-speed with Adaptive Transmission Control, Sport & Manual modes ^{1 6}		
Transmission model	GM 5	ZF 5 HP 24 ^{5 6}	
Ratios: 1st	3.42:1	3.57:1 ⁵	
2nd	2.22:1	2.20:1 ⁵	
3rd	1.60:1	1.51:1 ⁵	
4th	1.00:1	1.00:1 ⁵	
5th	0.75:1	0.80:1 ⁵	
Reverse	3.03:1	4.10:1 ⁵	
Final drive ratio	4.10:1	3.64:1	3.91:1
CHASSIS			
Front suspension	Struts, double-pivot lower arms, twin-tube gas-pressure shock absorbers, anti-roll bar ¹ ; coil springs (std. all models); air springs (3.0i & 4.4i with adjustable ride height) (3.0i & 4.4i Sport Package, 4.6is : sport calibration;		

⁶ – Special sport programming for 4.6is model.

CHASSIS (cont.)	X5 3.0i	X5 4.4i	X5 4.6is
Rear suspension	4-link Integral suspension with aluminum Integral Link, forward upper lateral arms & wheel carrier; steel lower & rear upper lateral arms ¹ ; coil springs (3.0i base); air springs (3.0i w/ self-leveling or adjustable ride height , 4.4i & 4.6is all) (3.0i & 4.4i Sport Package, 4.6is : sport calibration)		
Steering type	Rack & pinion ¹		
Variable power assist	Engine-speed-sensitive ⁷		Vehicle-speed-sensitive
Overall ratio	21.1:1 ¹		
Turns, lock-to-lock	3.5 ¹		
Turning circle, ft.	39.7 ¹		
4-wheel disc brakes	332-mm/13.1-in. ventilated F/ 324-mm/12.8-in. solid R ⁷		356-mm/ 14.0-in. ventilated F / 324-mm/ 12.8-in. ventilated R
Cast-alloy wheels:			
Standard	17 x 7.5	18 x 8.5	20 x 9.5 front/ 20 x 10.5 rear
Sport Package	18 x 8.5	18 x 8.5	NA
Optional with Sport Pkg.		NA	19 x 9.0 front/ 19 x 10.0 rear
NA			

F – Front R – Rear

⁷ – Specification applies to 3.0i & 4.4i models.

CHASSIS (cont.)	X5 3.0i	X5 4.4i	X5 4.6is
Tires:			
Standard	235/65R-17	255/55R-18	275/40R-20
F/	H-rated all-season	H-rated all-season	315/35R-20 R W-rated performance
Sport Package	255/55R-18 H-rated all-season	255/55R-18 H-rated all-season	NA
Optional with Sport Pkg.		NA	255/50R-19
front/	NA	285/45R-19 rear V-rated performance	
Stability-enhancement	Dynamic Stability Control for all-wheel drive System DSC-X) (includes 4-wheel traction control, Automatic Differential Brake, electronic brake proportioning, antilock braking, Dynamic Brake Control, stability enhancement & Hill Descent Control)		

PERFORMANCE DATA

Acceleration, 0-60 mph, sec. ⁸:

Manual transmission	8.1	–	–
Automatic transmission	8.6	7.4	6.2 ⁹
Top speed, mph	126	128 ¹⁰	150

Towing capacity, braked, lb. 5953 ¹

EPA estimated MPG, city/highway:

Manual transmission	15/21	–	–
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⁸ – BMW NA, LLC 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 limits and to please wear your safety belt at all times.

⁹ – Preliminary data.

¹⁰ – Electronically limited. Top speed for the X5 4.4i is 143 when equipped with the Sports Package and the optional 19 inch wheel and tire combination.

Automatic transmission	15/21	13/17	12/17
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