

BMW

U.S. Press Information

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Technical Data.

2009 BMW X5 Sports Activity Vehicle.

		X5 xDrive30i SAV Auto 6 Speed	X5 xDrive48i SAV Auto 6 Speed	X5 xDrive35d SAV Auto 6 Speed
Body				
No. of Doors / Seating Capacity	-	5 / 7	5 / 7	5 / 7
Vehicle Length	mm / inch	4854 / 191.1	4854 / 191.1	4854 / 191.1
Vehicle Width	mm / inch	1933 / 76.1	1933 / 76.1	1933 / 76.1
Vehicle Height, Unloaded	mm / inch	1776 / 69.9	1776 / 69.9	1776 / 69.9
Wheelbase	mm / inch	2933 / 115.5	2933 / 115.5	2933 / 115.5
Turning Circle	m / ft	12.8 / 42	12.8 / 42	12.8 / 42.0
Track, Front	mm / inch	1644 / 64.7	1644 / 64.7	1644 / 64.7
Track, Rear	mm / inch	1650 / 65	1650 / 65	1650 / 65.0
Width at Shoulderheight, Front	mm / inch	1523 / 60	1523 / 60	1523 / 60.0
Width at Shoulderheight, Rear	mm / inch	1474 / 58	1474 / 58	1474 / 58.0
Effective Leg Room, Front	mm / inch	1015 / 40	1015 / 40	1015 / 40.0
Effective Leg Room, Rear	mm / inch	929 / 36.6	929 / 36.6	929 / 36.6
Effective Head Room, Front	mm / inch	998 / 39.3	998 / 39.3	998 / 39.3
Effective Head Room, Rear	mm / inch	991 / 39	991 / 39	991 / 39.0
Trunk Volume acc DIN	m³ / ft³	na	na	na
Trunk Volume acc SAE1100	ft³	23.2/35.8/75.2	23.2/35.8/75.2	23.2/35.8/75.2
Fuel Capacity	L / gal	85 / 22.5	85 / 22.5	85 / 22.5
Curb Weight	kg / lbs	2230 / 4916	2380 / 5247	2370 / 5225
Weight Distribution Front/Rear	%	47.1 / 52.9	49.2 / 50.8	49.8 / 50.2
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2870 / 6327	2965 / 6537	3000 / 6614
Payload	kg / lbs	585 / 1290	585 / 1290	585 / 1290
Axle Load Limit, front	kg / lbs	1255 / 2767	1370 / 3020	1390 / 3064
Axle Load Limit, rear	kg / lbs	1725 / 3803	1755 / 3869	1750 / 3858
Roof Load Limit	kg / lbs	100 / 220	100 / 220	100 / 220
Drag Coefficient	Cd	0.34	0.35	0.35
Drag Cd x A	m² / ft²	0.98 / 10.5	1.01 / 10.81	1.00 / 10.9
Engine				
Engine Type / Cylinder / Valves per Cylinder	-	In line / 6 / 4	V 90 / 8 / 4	In line / 6 / 4
Engine Management System	-	MSV80	ME9.2.3	DDE7.3
Displacement	cm³ / inch³	2996 / 182.8	4799 / 292.9	2993 / 182.6
Stroke	mm / inch	88 / 3.46	88.3 / 3.48	90.0 / 3.54
Bore	mm / inch	85 / 3.35	93 / 3.66	84.0 / 3.31
Power	SAE hp / rpm	260 / 6600	350 / 6300	265 / 4200
Torque	ft lbs / rpm	225 (305) / 2750	350 (475) / 3400	425 (580) / 1750-2250
Compression Ratio / Fuel type	-	10.7 / Premium	10.5 / Premium	16.5 / Diesel
Chassis and Suspension				
Codification of Reference Gearbox	-	6HP19 Tü	6HP26 Tü	6HP26 Tü
Gear Ratios I	-	4.171	4.171	4.171
II	-	2.34	2.34	2.340
III	-	1.521	1.521	1.521
IV	-	1.143	1.143	1.143
V	-	0.867	0.867	0.867
VI	-	0.691	0.691	0.691
Reverse Ratio	-	3.403	3.403	3.403
Final Drive Ratio	-	4.44	3.91	3.636
Steering Type / Ratio	-	Rack-and-pinion / 19.5	Rack-and-pinion / 19.5	Rack&Pinion / 19.5
Front Brakes / Diameter	- / mm / inch	Vent. Disc / 332 / 13.1	Vent. Disc / 348 / 13.7	Vent. Disc / 348 / 13.7
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 320 / 12.6	Vent. Disc / 345 / 13.6	Vent. Disc / 320 / 12.6
Tire Type, Front	-	255/55 R18 109H XL AS RSC	255/55 R18 109H XL AS RSC	255/55 R18 109H XL AS RSC
Tire Type, Rear	-	255/55 R18 109H XL AS RSC	255/55 R18 109H XL AS RSC	255/55 R18 109H XL AS RSC
Wheels, Front	-	8.5 J x 18 Light alloy	8.5 J x 18 Light alloy	8.5 J x 18 Light alloy
Wheels, Rear	-	8.5 J x 18 Light alloy	8.5 J x 18 Light alloy	8.5 J x 18 Light alloy
Performance				
Top Speed	km/h / mph	210 / 130	210 / 130	210/130
Top speed w. Sport Package	km/h / mph		240 / 150	
Acceleration, 0-60 mph	s	7.8	6.4	6.9
Acceleration, 0-100 Km/h	s	8.4	6.9	7.4
Fuel Economy, EPA Estimate - City	mpg	15	14	18
Fuel Economy, EPA Estimate - Highway	mpg	21	19	26
Fuel Economy, EPA Estimate - Combined	mpg	18	16	21
Approximate Range	km / miles	825 / 510	725 / 450	941 / 585