

BMW

U.S. Press Information

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Technical Data.

2008 BMW X6 Sports Activity Coupe.

		X6 xDrive35i Automatic	X6 xDrive50i Automatic
Body			
No. of Doors / Seating Capacity	-	5 / 4	5 / 4
Vehicle Length	mm / inch	4877 / 192.0	4877 / 192.0
Vehicle Width	mm / inch	1983 / 78.1	1983 / 78.1
Vehicle Height, Unloaded	mm / inch	1690 / 66.5	1690 / 66.5
Wheelbase	mm / inch	2933 / 115.5	2933 / 115.5
Turning Circle	m / ft	12.8 / 42.0	12.8 / 42.0
Track, Front	mm / inch	1644 / 64.7	1644 / 64.7
Track, Rear	mm / inch	1706 / 67.2	1706 / 67.2
Width at Shoulderheight, Front	mm / inch	1521 / 59.9	1521 / 59.9
Width at Shoulderheight, Rear	mm / inch	1448 / 57.0	1448 / 57.0
Effective Leg Room, Front	mm / inch	1025 / 40.4	1025 / 40.4
Effective Leg Room, Rear	mm / inch	912 / 35.9	912 / 35.9
Effective Head Room, Front	mm / inch	973 / 38.3	973 / 38.3
Effective Head Room, Rear	mm / inch	946 / 37.2	946 / 37.2
Front Seat Volume, EPA	ft³	53.6	53.6
Rear Seat Volume, EPA	ft³	44.1	44.1
Total Interior Volume, EPA	ft³	97.7	97.7
Trunk Volume Index, EPA	ft³	25.5	25.5
Trunk Volume Index, Rear seats down EPA	ft³	59.7	59.7
Fuel Capacity	L / gal	85 / 22.5	85 / 22.5
Curb Weight	kg / lbs	2220 / 4894	2390 / 5269
Weight Distribution, Front / Rear	%	49.5 / 50.5	51.9 / 48.1
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2760 / 6085	2855 / 6294
Payload	kg / lbs	540 / 1190	465 / 1025
Axle Load Limit, front	kg / lbs	1320 / 2910	1440 / 3175
Axle Load Limit, rear	kg / lbs	1470 / 3241	1460 / 3219
Roof Load Limit	kg / lbs	100 / 220	100 / 220
Drag Coefficient	Cd	0.35	0.37
Drag Cd x A	m² / ft²	0.99 / 10.7	1.04 / 11.2

Engine

Engine Type / Cylinder / Valves per Cylinder	-	Inline / 6 / 4	90° V / 8 / 4
Engine Management System	-	MSD81	MSD851
Displacement	cm³ / inch³	2979 / 181.8	4395 / 268.2
Stroke	mm / inch	89.6 / 3.53	88.3 / 3.48
Bore	mm / inch	84 / 3.31	89 / 3.50
Peak Manifold Boost Pressure	Bar/psi	0.8/11.6	0.8/11.6
Power	SAE hp / rpm	300 / 5800-6250	400 / 5500-6400
Torque	ft lbs / rpm	300 / 1400-5000	450 / 1750-4500
Compression Ratio / Fuel type	-	10.2 / Premium	10.0 / Premium

Chassis and Suspension

Codification of Reference Gearbox	-	6HP19 TŮ	6HP26 TŮ
Gear Ratios I	-	4.171	4.171
II	-	2.340	2.340
III	-	1.521	1.521
IV	-	1.143	1.143
V	-	0.867	0.867
VI	-	0.691	0.691
Reverse Ratio	-	3.403	3.403
Final Drive Ratio	-	3.910	3.636
Steering Type / Ratio	-	Rack-and-Pinion / 19.5	Rack-and-Pinion / 19.5
Front Brakes / Diameter	- / mm / inch	Vent. Disc. / 348x30 / 13.7x1.2	Vent. Disc. / 365x36 / 14.4x1.4
Rear Brakes / Diameter	- / mm / inch	Vent. Disc. / 345x24 / 13.6x0.9	Vent. Disc. / 345x24 / 13.6x0.9
Tire Type, Front	-	255/50 R19 107H XL AS RSC	255/50 R19 107H XL AS RSC
Tire Type, Rear	-	255/50 R19 107H XL AS RSC	255/50 R19 107H XL AS RSC
Wheels, Front	-	9J x 19 Light Alloy	9J x 19 Light Alloy
Wheels, Rear	-	9J x 19 Light Alloy	9J x 19 Light Alloy

Performance

Top Speed	km/h / mph	210/130	210/130
Top Speed w. Sport Package	km/h / mph	240/150	250/155
Acceleration, 0-60 mph	s	6.5	5.3
Acceleration, 0-100 Km/h	s	6.9	5.6
Fuel Economy, EPA Estimate - City	mpg	15	-
Fuel Economy, EPA Estimate - Highway	mpg	20	-
Fuel Economy, EPA Estimate - Combined	mpg	17	-
Approximate Range	miles	450	425