

BMW

U.S. Media Information

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Technical Data.

2011 BMW X6 Sports Activity Coupe.

04.01.2010	X6 xDrive35i		X6 xDrive50i	
	Sports Activity Coupe	Auto 8 Speed	Sports Activity Coupe	Auto 8 Speed
Body				
No. of Doors / Seating Capacity	-	5 / 4	-	5 / 4
Vehicle Length	mm / inch	4877 / 192	4877 / 192	4877 / 192
Vehicle Width	mm / inch	1983 / 78.1	1983 / 78.1	1983 / 78.1
Vehicle Height, Unloaded	mm / inch	1690 / 66.5	1690 / 66.5	1690 / 66.5
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
Track, Front	mm / inch	1644 / 64.7	1644 / 64.7	1644 / 64.7
Track, Rear	mm / inch	1706 / 67.2	1706 / 67.2	1706 / 67.2
Width at Shoulderheight, Front	mm / inch	1521 / 59.9	1521 / 59.9	1521 / 59.9
Width at Shoulderheight, Rear	mm / inch	1448 / 57	1448 / 57	1448 / 57
Effective Leg Room, Front	mm / inch	1025 / 40.4	1025 / 40.4	1025 / 40.4
Effective Leg Room, Rear	mm / inch	912 / 35.9	912 / 35.9	912 / 35.9
Effective Head Room, Front	mm / inch	973 / 38.3	973 / 38.3	973 / 38.3
Effective Head Room, Rear	mm / inch	946 / 37.2	946 / 37.2	946 / 37.2
Trunk Volume acc SAE1100	ft³	25.6 / 59.7	25.6 / 59.7	25.6 / 59.7
Fuel Capacity	L / gal	85 / 22.5	85 / 22.5	85 / 22.5
Curb Weight	kg / lbs	2170 / 4784	2370 / 5225	2370 / 5225
Weight Distribution Front/Rear	%	49.8 / 50.2	51.1 / 48.9	51.1 / 48.9
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2710 / 5975	2835 / 6250	2835 / 6250
Payload	kg / lbs	425 / 937	425 / 937	425 / 937
Axle Load Limit, front	kg / lbs	1270 / 2800	13701 / 3020	13701 / 3020
Axle Load Limit, rear	kg / lbs	1480 / 3263	1520 / 3351	1520 / 3351
Towing Capacity	kg / lbs	2721 / 6000	2721 / 6000	2721 / 6000
Roof Load Limit	kg / lbs	100 / 220	100 / 220	100 / 220
Drag Coefficient	Cd	0.35	0.37	0.37
Drag Cd x A	m² / ft²	0.99 / 10.6	01.04 / 11.2	01.04 / 11.2
Engine				
Engine Type / Cylinder / Valves per Cylinder	-	Inline / 6 / 4 VANOS	V 90° / 8 / 4 VANOS	N63
Engine Management System	-	MEVD17.2 Direct Injection	MSD 85.1 Direct Injection	N63
Induction System/Boost Pressure	Bar	Valvetronic, single twin scroll turbo	twin turbo reverse flow "hot V"	N63
Boost Pressure	Bar	0.6	0.6	0.6
Displacement	cm³ / inch³	2979 / 181.8	4395 / 268.2	4395 / 268.2
Stroke	mm / inch	89.6 / 3.53	88.3 / 3.48	88.3 / 3.48
Bore	mm / inch	84 / 3.31	89 / 3.50	89 / 3.50
Power	SAE hp / rpm	300 / 5800-6250	400 / 5500-6400	400 / 5500-6400
Torque	lbs ft / rpm	300 / 1200-5000	450 / 1750-4500	450 / 1750-4500
Compression Ratio / Fuel type	-	10.2 / Premium	10.0 / Premium	10.0 / Premium
Chassis and Suspension				
Codification of Reference Gearbox	-	8HP45	8HP70	8HP70
Gear Ratios	I	4.714	4.714	4.714
	II	3.143	3.143	3.143
	III	2.106	2.106	2.106
	IV	1.667	1.667	1.667
	V	1.285	1.285	1.285
	VI	1.000	1.000	1.000
	VII	0.839	0.839	0.839
	VIII	0.667	0.667	0.667
Reverse Ratio	-	3.295	3.317	3.317
Final Drive Ratio	-	3.154	3.154	3.154
Steering Type / Ratio	-	Rack-and-pinion / 19.5	Rack-and-pinion / 19.5	Rack-and-pinion / 19.5
Front Brakes / Diameter	- / mm / inch	Vent. Disc / 348 / 13.7	Vent. Disc / 365 / 14.4	Vent. Disc / 365 / 14.4
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 320 / 12.6	Vent. Disc / 345 / 13.6	Vent. Disc / 345 / 13.6
Tire Type, Front	-	255/50 R19 107H XL AS RSC	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	255/50 R19 107H XL AS RSC
Tire Type, Front w. Sport Package	-	275/40 R20	275/40 R20	275/40 R20
Tire Type, Rear w. Sport Package	-	315/35 R20	315/35 R20	315/35 R20
Wheels, Front	-	9 J x 19 Light alloy	9 J x 19 Light alloy	9 J x 19 Light alloy
Wheels, Rear	-	9 J x 19 Light alloy	9 J x 19 Light alloy	9 J x 19 Light alloy
Wheels, Front w. Sport Package	-	10 J x 20 Light alloy	10 J x 20 Light alloy	10 J x 20 Light alloy
Wheels, Rear w. Sport Package	-	11 J x 20 Light alloy	11 J x 20 Light alloy	11 J x 20 Light alloy
Performance				
Top Speed	km/h / mph	210 / 130	210 / 130	210 / 130
Top speed w. Sport Package	km/h / mph	240 / 150	250 / 156	250 / 156
Acceleration, 0-60 mph	s	6.3	5.2	5.2
Acceleration, 0-100 Km/h	s	6.7	5.5	5.5
Fuel Economy, EPA Estimate - City	mpg	16	14	14
Fuel Economy, EPA Estimate - Highway	mpg	23	20	20
Fuel Economy, EPA Estimate - Combined	mpg	19	16	16
Approximate Range	km / miles	675 / 420	580 / 360	580 / 360