

BMW

U.S. Media Information

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Technical Data.

2010 BMW X6 Sports Activity Coupe.

		X6 xDrive35i	X6 xDrive50i	ActiveHybrid X6
		Sports Activity Coupe	Sports Activity Coupe	Sports Activity Coupe
		Auto 6 Speed	Auto 6 Speed	Two Mode Hybrid Auto 7 Speed
10.26.2009				
Body				
No. of Doors / Seating Capacity	-	5 / 4	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	2220 / 4894	2390 / 5269	2580 / 5688
Weight Distribution Front/Rear	%	49.5 / 50.5	51.9 / 48.1	51.0 / 49.0
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2760 / 6085	2855 / 6294	3025 / 6669
Payload	kg / lbs	425 / 937	425 / 937	400 / 882
Axle Load Limit, front	kg / lbs	1320 / 2910	1440 / 3175	1460 / 3219
Axle Load Limit, rear	kg / lbs	1470 / 3241	1460 / 3219	1590 / 3505
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 / 10.62	01.04 / 11.23	01.03 / 11.1
Engine / Hybrid System				
Engine Type / Cylinder / Valves per Cylinder	-	Inline / 6 / 4 VANOS	V 90 / 8 / 4 VANOS	V 90 / 8 / 4 VANOS
Engine Management System	-	MSD81 Direct Injection	MSD851 Direct Injection	MSD85 Direct Injection
Induction System	-	twin turbo	Reverse flow twin turbo	Reverse flow twin turbo
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 / 3.5	89 / 3.5
Power	SAE hp / rpm	300 / 5800	400 / 5500	400 / 5500
Torque	lbs ft / rpm	300 / 1400	450 / 1800	450 / 1800
Compression Ratio / Fuel type	-	10.2 / Premium	10 / Premium	10 / Premium
Nominal Hybrid Power Output	SAE hp	-	-	480
Hybrid Maximum Torque	lbs ft	-	-	575
Chassis and Suspension				
Codification of Reference Gearbox	-	6HP26 Tü	6HP26 Tü	AHS-C
Gear Ratios I	-	4.171	4.171	3.889
II	-	2.34	2.34	2.619
III	-	1.521	1.521	1.8
IV	-	1.143	1.143	1.3
V	-	0.867	0.867	1.0
VI	-	0.691	0.691	0.825
VII	-	-	-	0.723
Reverse Ratio	-	3.403	3.403	Variable electric
Final Drive Ratio	-	3.91	3.64	3.64
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 / 385 / 15.2
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 345 / 13.6	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 107V XL AS RSC
Tire Type, Rear	-	255/50 R19 107H XL AS RSC	255/50 R19 107H XL AS RSC	255/50 R19 107V XL AS RSC
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
Performance				
Top Speed	km/h / mph	210 / 130	210 / 130	210 / 130
Top speed w. Sport Package	km/h / mph	240 / 150	250 / 156	-
Acceleration, 0-60 mph	s	6.5	5.3	5.4
Acceleration, 0-100 Km/h	s	6.9	5.6	5.8
Fuel Economy, EPA Estimate - City	mpg	15	13	17
Fuel Economy, EPA Estimate - Highway	mpg	21	18	19
Fuel Economy, EPA Estimate - Combined	mpg	17	15	18
Approximate Range	km / miles	780 / 485	725 / 450	805 / 500