

BMW

U.S. Media Information

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Technical Data.

2011 BMW X5 M and X6 M.

	X5 M		X6 M	
	Sport Activity Vehicle		Sports Activity Coupe	
10.01.2010	Automatic 6 Speed		Automatic 6 Speed	
Body				
No of doors / seats	-	5 / 5	-	5 / 4
Vehicle length	mm / inch	4851 / 191	mm / inch	4876 / 192
Vehicle width	mm / inch	1994 / 78.5	mm / inch	1983 / 78.1
Vehicle height, unloaded	mm / inch	1764 / 69.4	mm / inch	1684 / 66.3
Wheelbase	mm / inch	2933 / 115.5	mm / inch	2933 / 115.5
Turning circle	m / ft	12.8 / 42.0	m / ft	12.8 / 42.0
Track, front	mm / inch	1660 / 65.4	mm / inch	1660 / 65.4
Track, rear	mm / inch	1672 / 65.8	mm / inch	1672 / 65.8
Width at shoulderheight, front	mm / inch	1523 / 60	mm / inch	1521 / 59.9
Width at shoulderheight, rear	mm / inch	1474 / 58	mm / inch	1448 / 57.0
Eff leg room, front	mm / inch	1015 / 40.0	mm / inch	1025 / 40.4
Eff leg room, rear	mm / inch	929 / 36.6	mm / inch	912 / 35.9
Eff head room, front	mm / inch	998 / 39.3	mm / inch	973 / 38.3
Eff head room, rear	mm / inch	991 / 39.0	mm / inch	946 / 37.2
Trunk volume acc SAE1100	ft ³	35.8/75.2	ft ³	25.6/59.7
Approx tank capacity	L / gal	85 / 22.5	L / gal	85 / 22.5
Unladen weight	kg / lbs	2435 / 5368	kg / lbs	2415 / 5324
Weight distribution Front/Rear	%	51.7 / 48.3	%	52.4 / 47.6
Gross vehicle weight	kg / lbs	2935 / 6471	kg / lbs	2840 / 6261
Payload	kg / lbs	500 / 1102	kg / lbs	425 / 937
Axle load limit, front	kg / lbs	1430 / 3153	kg / lbs	1430 / 3153
Axle load limit, rear	kg / lbs	1590 / 3505	kg / lbs	1500 / 3307
Towing Capacity	kg / lbs	2721 / 6000	kg / lbs	2721 / 6000
Roof load limit	kg / lbs	100 / 220	kg / lbs	100 / 220
Drag coefficient	Cd	0.38	Cd	0.38
Drag Cd x A	m ² / ft ²	01.09 / 11.74	m ² / ft ²	1.08 / 11.6
Engine				
Engine designation	-	S63B44	-	S63B44
Engine type / cylinder / valves p cyl	-	V 90 / 8 / 4 VANOS	-	V 90 / 8 / 4 VANOS
Engine management system	-	MSD 85.1 Direct Injection	-	MSD 85.1 Direct Injection
Induction System	-	twin scroll, twin turbo reverse flow "hot V"	-	twin scroll, twin turbo reverse flow "hot V"
Boost Pressure	Bar	1.2	Bar	1.2
Displacement	cm ³ / inch ³	4395 / 268.2	cm ³ / inch ³	4395 / 268.2
Stroke	mm / inch	88.3 / 3.48	mm / inch	88.3 / 3.48
Bore	mm / inch	89 / 3.50	mm / inch	89 / 3.50
Power output / Engine speed	SAE hp / 1/min	555 / 6000	SAE hp / 1/min	555 / 6000
Max torque/engine speed	ft lbs / 1/min	500 / 1500-5650	ft lbs / 1/min	500 / 1500-5650
Compression ratio / Fuel type	-	9.3 / Premium Unleaded	-	9.3 / Premium Unleaded
Chassis and Suspension				
Gearbox designation	-	6HP26 S	-	6HP26 S
Gear Ratios I	-	4.171	-	4.171
II	-	2.340	-	2.340
III	-	1.521	-	1.52
IV	-	1.143	-	1.143
V	-	0.867	-	0.867
VI	-	0.691	-	0.691
Reverse ratio	-	3.403	-	3.403
Final drive ratio	-	Torque Vectoring 3.909	-	Torque Vectoring 3.909
Steering type / ratio	-	Rack-and-pinion / 19.5	-	Rack-and-pinion / 19.5
Brake front / diameter	- / mm / inch	Vent. Disc / 395 / 15.6	- / mm / inch	Vent. Disc / 395 / 15.6
Brake rear / diameter	- / mm / inch	Vent. Disc / 385 / 15.2	- / mm / inch	Vent. Disc / 385 / 15.2
Tire size -front-	-	275/40 R20 106W XL RSC	-	275/40 R20 106W XL RSC
Tire size -rear-	-	315/35 R20 110W XL RSC	-	315/35 R20 110W XL RSC
Wheels, Front	-	10 J x 20 Light alloy	-	10 J x 20 Light alloy
Wheels, Rear	-	11 J x 20 Light alloy	-	11 J x 20 Light alloy
Wheel offset -front/rear-	mm	40 / 35	mm	40 / 35
Performance				
Top speed (limited)	km/h / mph	250/155	km/h / mph	250/155
Acceleration 0-60mph	s	4.5	s	4.5
Acceleration 0-100 Km/h	s	4.7	s	4.7
Fuel Economy, EPA Estimate - City	mpg	12	mpg	12
Fuel Economy, EPA Estimate - Highway	mpg	17	mpg	17
Fuel Economy, EPA Estimate - Combined	mpg	14	mpg	14
Approx range	miles	510 / 315	miles	510 / 315