

BMW

U.S. Media Information

Contacts:

Thomas Plucinsky
Product & Technology Communications Manager
201-307-3783 / thomas.plucinsky@bmw.com

David J. Buchko
Advanced Powertrain & Heritage Communications
201-307-3709 / dave.buchko@bmw.com

Monty Roberts
BMW Product & Technology Communications
Tel. 201-307-3755
Monty.Roberts@bmw.com

Technical Data.

2012 BMW X5 M and X6 M.

	X5 M		X6 M	
	Sport Activity Vehicle		Sports Activity Coupe	
11.01.2011	Automatic 6 Speed		Automatic 6 Speed	
Body				
No of doors / seats	-	5 / 5	-	5 / 4
Vehicle length	mm / inch	4851 / 191	4876 / 192	1983 / 78.1
Vehicle width	mm / inch	1994 / 78.5	1983 / 78.1	1684 / 66.3
Vehicle height, unloaded	mm / inch	1764 / 69.4	1684 / 66.3	2933 / 115.5
Wheelbase	mm / inch	2933 / 115.5	2933 / 115.5	12.8 / 42.0
Turning circle	m / ft	12.8 / 42.0	12.8 / 42.0	1660 / 65.4
Track, front	mm / inch	1660 / 65.4	1660 / 65.4	1672 / 65.8
Track, rear	mm / inch	1672 / 65.8	1672 / 65.8	205 / 8.07
Ground Clearance	mm / inch	207 / 8.15	205 / 8.07	1521 / 59.9
Width at shoulderheight, front	mm / inch	1523 / 60	1521 / 59.9	1448 / 57.0
Width at shoulderheight, rear	mm / inch	1474 / 58	1448 / 57.0	1025 / 40.4
Eff leg room, front	mm / inch	1015 / 40.0	1025 / 40.4	912 / 35.9
Eff leg room, rear	mm / inch	929 / 36.6	912 / 35.9	973 / 38.3
Eff head room, front	mm / inch	998 / 39.3	973 / 38.3	946 / 37.2
Eff head room, rear	mm / inch	991 / 39.0	946 / 37.2	25.6/59.7
Trunk volume acc SAE1100	ft³	35.8/75.2	25.6/59.7	85 / 22.5
Approx tank capacity	L / gal	85 / 22.5	85 / 22.5	2415 / 5324
Unladen weight	kg / lbs	2435 / 5368	2415 / 5324	52.4 / 47.6
Weight distribution Front/Rear	%	51.7 / 48.3	52.4 / 47.6	2840 / 6261
Gross vehicle weight	kg / lbs	2935 / 6471	2840 / 6261	425 / 937
Payload	kg / lbs	500 / 1102	425 / 937	1430 / 3153
Axle load limit, front	kg / lbs	1430 / 3153	1430 / 3153	1500 / 3307
Axle load limit, rear	kg / lbs	1590 / 3505	1500 / 3307	2721 / 6000
Towing Capacity	kg / lbs	2721 / 6000	2721 / 6000	100 / 220
Roof load limit	kg / lbs	100 / 220	100 / 220	0.38
Drag coefficient	Cd	0.38	0.38	
Engine				
Engine designation	-	S63B4400	S63B4400	
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	1.2	
Displacement	cm³ / inch³	4395 / 268.2	4395 / 268.2	
Stroke	mm / inch	88.3 / 3.48	88.3 / 3.48	
Bore	mm / inch	89 / 3.50	89 / 3.50	
Power output / Engine speed	SAE hp / 1/min	555 / 6000	555 / 6000	
Max torque/engine speed	ft lbs / 1/min	500 / 1500-5650	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	Vent. Disc / 395 / 15.6	
Brake rear / diameter	- / mm / inch	Vent. Disc / 385 / 15.2	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	40 / 35	
Performance				
Top speed (limited)	km/h / mph	250/155	250/155	
Acceleration 0-60mph	s	4.5	4.5	
Acceleration 0-100 Km/h	s	4.7	4.7	
Fuel Economy, EPA Estimate - City	mpg	12	12	
Fuel Economy, EPA Estimate - Highway	mpg	17	17	
Fuel Economy, EPA Estimate - Combined	mpg	14	14	
Approx range	miles	510 / 315	510 / 315	