

BMW

U.S. Media Information

Contacts:

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

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

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

Technical Data.

2012 BMW X5 Sports Activity Vehicle.

		X5 xDrive35i SAV Auto 8 Speed	X5 xDrive50i SAV Auto 8 Speed	X5 xDrive35d SAV Auto 6 Speed
11.01.2011				
Body				
No. of Doors / Seating Capacity	-	5 / 7	5 / 7	5 / 7
Vehicle Length	mm / inch	4857 / 191.2	4857 / 191.2	4857 / 191.2
Vehicle Width	mm / inch	1933 / 76.1	1933 / 76.1	1933 / 76.1
Vehicle Height, Unloaded	mm / inch	1776 / 69.9	1776 / 69.9	1776 / 69.9
Wheelbase	mm / inch	2933 / 115.5	2933 / 115.5	2933 / 115.5
Turning Circle	m / ft	12.8 / 42	12.8 / 42	12.8 / 42.0
Track, Front	mm / inch	1644 / 64.7	1644 / 64.7	1644 / 64.7
Track, Rear	mm / inch	1650 / 65	1650 / 65	1650 / 65.0
Ground Clearance	mm / inch	222 / 8.74	222 / 8.74	222 / 8.74
Width at Shoulderheight, Front	mm / inch	1523 / 60	1523 / 60	1523 / 60.0
Width at Shoulderheight, Rear	mm / inch	1474 / 58	1474 / 58	1474 / 58.0
Effective Leg Room, Front	mm / inch	1015 / 40	1015 / 40	1015 / 40.0
Effective Leg Room, Rear	mm / inch	929 / 36.6	929 / 36.6	929 / 36.6
Effective Head Room, Front	mm / inch	998 / 39.3	998 / 39.3	998 / 39.3
Effective Head Room, Rear	mm / inch	991 / 39	991 / 39	991 / 39.0
Trunk Volume acc SAE1100	ft³	23.2 / 35.8 / 75.2	23.2 / 35.8 / 75.2	23.2 / 35.8 / 75.2
Fuel Capacity	L / gal	85 / 22.5	85 / 22.5	85 / 22.5
Curb Weight	kg / lbs	2250 / 4960	2440 / 5379	2355 / 5192
Weight Distribution Front/Rear	%	47.3 / 52.7	48.8 / 51.2	49.0 / 51.0
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2890 / 6371	3025 / 6669	2985 / 6581
Payload	kg / lbs	585 / 1290	585 / 1290	585 / 1290
Axle Load Limit, front	kg / lbs	1270 / 2800	1370 / 3020	1350 / 2976
Axle Load Limit, rear	kg / lbs	1720 / 3792	1750 / 3858	1750 / 3858
Towing Capacity	kg / lbs	2721 / 6000	2721 / 6000	2721 / 6000
Roof Load Limit	kg / lbs	100 / 220	100 / 220	100 / 220
Drag Coefficient	Cd	0.34	0.36	0.35
Engine				
		N55	N63	N57
Engine Type / Cylinder / Valves per Cylinder	-	Inline / 6 / 4 VANOS	V 90° / 8 / 4 VANOS	In line / 6 / 4 Diesel
Engine Management System	-	MEVD17.2 Direct Injection	MSD 85.1 Direct Injection	DDE 6.2.6 Common Rail
Induction System	-	Valvetronic, single twin scroll turbo	twin turbo reverse flow "hot V"	sequential twin turbo
Boost Pressure	Bar	0.6	0.6	1.85
Displacement	cm³ / inch³	2979 / 181.8	4395 / 268.2	2993 / 182.6
Stroke	mm / inch	89.6 / 3.53	88.3 / 3.48	90.0 / 3.54
Bore	mm / inch	84 / 3.31	89 / 3.50	84.0 / 3.31
Power	SAE hp / rpm	300 / 5800-6250	400 / 5500-6400	265 / 4200
Torque	ft lbs / rpm	300 / 1200-5000	450 / 1750-4500	425 / 1750-2250
Compression Ratio / Fuel type	-	10.2 / Premium	10.0 / Premium	16.5 / Diesel
Chassis and Suspension				
Codification of Reference Gearbox	-	8HP45	8HP70	6HP26 TU
Gear Ratios I	-	4.714	4.714	4.171
II	-	3.143	3.143	2.340
III	-	2.106	2.106	1.521
IV	-	1.667	1.667	1.143
V	-	1.285	1.285	0.867
VI	-	1.000	1.000	0.691
VII	-	0.839	0.839	-
VIII	-	0.667	0.667	-
Reverse Ratio	-	3.295	3.317	3.403
Final Drive Ratio	-	3.154	3.154	3.636
Steering Type / Ratio	-	Rack-and-pinion / 19.5	Rack-and-pinion / 19.5	Rack&Pinion / 19.5
Front Brakes / Diameter	- / mm / inch	Vent. Disc / 348 / 13.7	Vent. Disc / 348 / 13.7	Vent. Disc / 348 / 13.7
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 320 / 12.6	Vent. Disc / 345 / 13.6	Vent. Disc / 320 / 12.6
Tire Type, Front	-	255/55 R18 109H XL AS RSC	255/55 R18 109H XL AS RSC	255/55 R18 109H XL AS RSC
Tire Type, Rear	-	255/55 R18 109H XL AS RSC	255/55 R18 109H XL AS RSC	255/55 R18 109H 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	-	8.5 J x 18 Light alloy	8.5 J x 18 Light alloy	8.5 J x 18 Light alloy
Wheels, Rear	-	8.5 J x 18 Light alloy	8.5 J x 18 Light alloy	8.5 J x 18 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	210 / 130	240 / 150	210 / 130
Acceleration, 0-60 mph	s	6.4	5.3	6.9
Acceleration, 0-100 Km/h	s	6.8	5.6	7.4
Fuel Economy, EPA Estimate - City	mpg	16	14	19
Fuel Economy, EPA Estimate - Highway	mpg	23	20	26
Fuel Economy, EPA Estimate - Combined	mpg	19	16	22
Approximate Range	km / miles	725 / 450	580 / 360	800 / 500