

BMW

U.S. Media Information

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Technical Data.

2012 BMW X3 Sports Activity Vehicle.

11.01.2011	X3 xDrive28i		X3 xDrive35i	
		SAV Auto 8 Speed		SAV Auto 8 Speed
Body				
No. of Doors / Seating Capacity	-	5 / 5	-	5 / 5
Vehicle Length	mm / inch	4648 / 183	-	4648 / 183
Vehicle Width	mm / inch	1881 / 74.1	-	1881 / 74.1
Vehicle Height, Unloaded	mm / inch	1661 / 65.4	-	1661 / 65.4
Wheelbase	mm / inch	2810 / 110.5	-	2810 / 110.5
Turning Circle	m / ft	11.9 / 39	-	11.9 / 39
Track, Front	mm / inch	1616 / 63.6	-	1616 / 63.6
Track, Rear	mm / inch	1632 / 64.3	-	1632 / 64.3
Ground Clearance	mm / inch	212 / 8.35	-	212 / 8.35
Width at Shoulderheight, Front	mm / inch	1455 / 57.3	-	1455 / 57.3
Width at Shoulderheight, Rear	mm / inch	1423 / 56	-	1423 / 56
Effective Leg Room, Front	mm / inch	1013 / 39.9	-	1013 / 39.9
Effective Leg Room, Rear	mm / inch	935 / 36.8	-	935 / 36.8
Effective Head Room, Front	mm / inch	1033 / 40.7	-	1033 / 40.7
Effective Head Room, Rear	mm / inch	994 / 39.1	-	994 / 39.1
Trunk Volume acc SAE1100	ft³	27.6	-	27.6
Fuel Capacity	L / gal	67 / 17.7	-	67 / 17.7
Curb Weight	kg / lbs	1865 / 4112	-	1915 / 4222
Weight Distribution Front/Rear	%	49.9 / 50.1	-	50.4 / 49.6
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2330 / 5137	-	2365 / 5214
Payload	kg / lbs	410 / 904	-	410 / 904
Axle Load Limit, front	kg / lbs	1090 / 2403	-	1110 / 2447
Axle Load Limit, rear	kg / lbs	1285 / 2833	-	1290 / 2844
Towing Capacity	kg / lbs	tba	-	tba
Roof Load Limit	kg / lbs	100 / 220	-	100 / 220
Drag Coefficient	Cd	0.35	-	0.36
Engine				
		N52		N55
Engine Type / Cylinder / Valves per Cylinder	-	Inline / 6 / 4 VANOS	-	Inline / 6 / 4 VANOS
Engine Management System	-	MSV90 Port Injection	-	MEVD17.2 Direct Injection
Induction System	-	Natural Valvetronic	-	Valvetronic, single twin scroll turbo
Boost Pressure	Bar	-	-	0.6
Displacement	cm³ / inch³	2996 / 182.8	-	2979 / 181.8
Stroke	mm / inch	88 / 3.46	-	89.6 / 3.53
Bore	mm / inch	85 / 3.35	-	84 / 3.31
Power	SAE hp / rpm	240 / 6600	-	300 / 5800
Torque	ft lbs / rpm	221 / 2750-4000	-	300 / 1300-5000
Compression Ratio / Fuel type	-	10.7 / Premium	-	10.2 / Premium
Chassis and Suspension				
Codification of Reference Gearbox	-	8HP45	-	8HP45
Gear Ratios	I	4.714	-	4.714
	II	3.143	-	3.143
	III	2.106	-	2.106
	IV	1.667	-	1.667
	V	1.285	-	1.285
	VI	1.000	-	1.000
	VII	0.839	-	0.839
	VIII	0.667	-	0.667
Reverse Ratio	-	3.295	-	3.317
Final Drive Ratio	-	3.727	-	3.385
Steering Type / Ratio	-	Rack-and-pinion / 19.5	-	Rack-and-pinion / 19.5
Front Brakes / Diameter	- / mm / inch	Vent. Disc / 328 / 12.9	-	Vent. Disc / 328 / 12.9
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 330 / 13	-	Vent. Disc / 330 / 13
Tire Type, Front	-	225/60 R17 99H AS RSC	-	245/55 R18 100V AS RSC
Tire Type, Rear	-	225/60 R17 99H AS RSC	-	245/55 R18 100V AS RSC
Tire Type, Front w. Sport Package	-	tba	-	tba
Tire Type, Rear w. Sport Package	-	tba	-	tba
Wheels, Front	-	7.5 J x 17 Light alloy	-	8 J x 18 Light alloy
Wheels, Rear	-	7.5 J x 17 Light alloy	-	8 J x 18 Light alloy
Wheels, Front w. Sport Package	-	tba	-	tba
Wheels, Rear w. Sport Package	-	tba	-	tba
Performance				
Top Speed	km/h / mph	230 / 140	-	210 / 130
Top speed w. Sport Package	km/h / mph	210 / 130	-	240 / 150
Acceleration, 0-60 mph	s	6.7	-	5.5
Acceleration, 0-100 Km/h	s	7.1	-	5.8
Fuel Economy, EPA Estimate - City	mpg	19	-	19
Fuel Economy, EPA Estimate - Highway	mpg	25	-	26
Fuel Economy, EPA Estimate - Combined	mpg	21	-	21
Approximate Range	km / miles	590 / 370	-	590 / 370