

Technical Data

2014 BMW X5

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		X5 sDrive35i SAV	X5 xDrive35i SAV	X5 xDrive50i SAV	X5 xDrive35d SAV
Engine type		N55B30M0	N55B30M0	N63B44O1	N57D30O1
Transmission type		automatic transmission 8	automatic transmission 8	automatic transmission 8	automatic transmission 8
No of Doors / Seats	/	5 / 5	5 / 5	5 / 5	5 / 5
Veh. length	mm / inch	4908 / 193.2	4908 / 193.2	4908 / 193.2	4908 / 193.2
Veh. width	mm / inch	1938 / 76.3	1938 / 76.3	1938 / 76.3	1938 / 76.3
Veh. height	mm / inch	1762 / 69.4	1762 / 69.4	1762 / 69.4	1762 / 69.4
Wheelbase	mm / inch	2933 / 115.5	2933 / 115.5	2933 / 115.5	2933 / 115.5
Turning circle	m / ft	12.7 / 41.7	12.7 / 41.7	12.7 / 41.7	12.7 / 41.7
Ground clearance	mm / inch	209 / 8.2	209 / 8.2	209 / 8.2	209 / 8.2
Shoulder width front	mm / inch	1537 / 60.5	1537 / 60.5	1537 / 60.5	1537 / 60.5
Shoulder width rear	mm / inch	1482 / 58.3	1482 / 58.3	1482 / 58.3	1482 / 58.3
Legroom front	mm / inch	1026 / 40.4	1026 / 40.4	1026 / 40.4	1026 / 40.4
Legroom rear	mm / inch	930 / 36.6	930 / 36.6	930 / 36.6	930 / 36.6
Max. headroom front	mm / inch	1029 / 40.5	1029 / 40.5	1029 / 40.5	1029 / 40.5
Max. headroom rear	mm / inch	985 / 38.8	985 / 38.8	985 / 38.8	985 / 38.8
Luggage comp. capacity	m³ / ft³	0.650-1.870 / 23-66	0.650-1.870 / 23-66	0.650-1.870 / 23-66	0.650-1.870 / 23-66
Fuel tank capacity	liter / gal	85 / 22.4	85 / 22.4	85 / 22.4	85 / 22.4
Curb weight (US)	Kg / lbs	2123 / 4680	2173 / 4790	2336 / 5150	2236 / 4930
Weight distribution (empty car)	Front/Rear %	48.3 / 51.7	49.5 / 50.5	49.5 / 50.5	49.5 / 50.5
Gross veh. weight	Kg / lbs	2753 / 6070	2835 / 6250	2971 / 6550	2903 / 6400
Payload	Kg / lbs	503 / 1110	503 / 1110	503 / 1110	503 / 1110
Axle load limit front	Kg / lbs	1211 / 2670	1279 / 2820	1356 / 2990	1356 / 2990
Axle load limit rear	Kg / lbs	1606 / 3540	1624 / 3580	1678 / 3700	1678 / 3700
Engine type / Cylinders / Valves p.cyl.		in line, VANOS, Valvetronic / 6 / 4	in line, VANOS, Valvetronic / 6 / 4	V 90 ° VANOS, Valvetronic / 8 / 4	in line / 6 / 4
Fuel management		MEVD 17.2.6	MEVD 17.2.6	MEVD 17.2.H	DDE 7.41
Charging Type / Charging Technique		Single Twin Scroll Turbo	Single Twin Scroll Turbo	Twin Turbo	VNT / Variable Twin Turbo Technology
Injection type / Injection technique		High precision direct injection	High precision direct injection	High precision direct injection	Common rail direct injection / CR3
Displacement	cm³ / inch³	2979 / 182	2979 / 182	4395 / 268	2993 / 183
Stroke	mm / inch	89.6 / 3.5	89.6 / 3.5	88.3 / 3.5	90 / 3.5
Bore	mm / inch	84 / 3.3	84 / 3.3	89 / 3.5	84 / 3.3
Engine power / at rpm	hp @ rpm	300 / 5800-6000	300 / 5800-6000	445 / 5500-6000	255 / 4000
Engine torque / at rpm	ft lbs (Nm) @ rpm	300 (400) / 1300-5000	300 (400) / 1300-5000	480 (650) / 2000-4500	413 (560) / 1500-3000
Compression rate / Fuel type (recomm.)	:1 /	10.2 / Premium	10.2 / Premium	10 / Premium	16.5 / Ultra Low Sulfur Diesel
Type of transmission		8HP45	8HP45	8HP70	8HP70
Gear ratios 1st gear		4.714	4.714	4.714	4.714
2nd gear		3.143	3.143	3.143	3.143
3rd gear		2.106	2.106	2.106	2.106
4th gear		1.667	1.667	1.667	1.667
5th gear		1.285	1.285	1.285	1.285
6th gear		1	1	1	1
7th gear		0.839	0.839	0.839	0.839
8th gear		0.667	0.667	0.667	0.667
Reverse gear		3.295	3.295	3.317	3.317
Final drive		3.154	3.154	3.154	3.154
Steering type / Steering ratio	/:1	rack-and-pinion / 19.1	rack-and-pinion / 19.1	rack-and-pinion / 19.1	rack-and-pinion / 19.1
Front brake		disc ventilated	disc ventilated	disc ventilated	disc ventilated
Rear brake		disc ventilated	disc ventilated	disc ventilated	disc ventilated
Cx // A	// m² / ft²	0.33 // 2.84 / 30.57	0.33 // 2.84 / 30.57	0.33 // 2.84 / 30.57	0.33 // 2.84 / 30.57
Top speed	Km/h / mph	210 / 130	210 / 130	210 / 130	210 / 130
Top speed optional	Km/h / mph	235 / 146	235 / 146	250 / 155	230 / 143
Acceleration 0-60 mph	s	6.2	6.2	4.9	6.7
Acceleration 0-100Km/h	s	6.6	6.6	5.1	7
Acceleration 0-1000m	s	26.6	26.6	24	27.6
Fuel cons. city (official EPA)	mpg	19	18	14	23
Fuel cons. highway (official EPA)	mpg	27	27	22	31
Fuel cons. combined (official EPA)	mpg	22	21	17	26
Range	miles	493	470	381	582
Front tires		255/55 R18 109H XL RSC	255/55 R18 109H XL RSC	255/55 R18 109H XL RSC	255/55 R18 109H XL RSC
Rear tires		255/55 R18 109H XL RSC	255/55 R18 109H XL RSC	255/55 R18 109H XL RSC	255/55 R18 109H XL RSC
Front wheels		8,5 J x 18 LM	8,5 J x 18 LM	8,5 J x 18 LM	8,5 J x 18 LM
Rear wheels		8,5 J x 18 LM	8,5 J x 18 LM	8,5 J x 18 LM	8,5 J x 18 LM
Track front	mm / inch	1644 / 64.7	1644 / 64.7	1644 / 64.7	1644 / 64.7
Track rear	mm / inch	1650 / 65	1650 / 65	1650 / 65	1650 / 65