

BMW
U.S. Media Information

Technical Data
2017 BMW X5 Sports Activity Vehicle

	X5 sDrive35i	X5 xDrive35i	X5 xDrive50i	X5 xDrive35d	X5 xDrive40e
Transmission type	automatic	automatic	automatic	automatic	automatic
Body					
Seats	5	5	5	5	5
Number of Doors	5	5	5	5	5
drive type	RWD	AWD	AWD	AWD	AWD
Veh. length	193.2	193.2	193.2	193.2	193.2
Veh. width	76.3	76.3	76.3	76.3	76.3
Width incl mirrors	86	86	86	86	86
Veh. height	69.4	69.4	69.4	69.4	69.4
Wheelbase	115.5	115.5	115.5	115.5	115.5
Overhang front	35.9	35.9	35.9	35.9	35.9
Rear overhang	41.9	41.9	41.9	41.9	41.9
Ground clearance	8.2	8.2	8.2	8.2	8.2
Turning circle	41.7	41.7	41.7	41.7	41.7
Legroom front	40.4	40.4	40.4	40.4	40.4
Legroom 2nd row	36.6	36.6	36.6	36.6	36.6
Shoulder room front	60.5	60.5	60.5	60.5	60.5
Shoulder room rear	58.3	58.3	58.3	58.3	58.3
Headroom front	40.5	40.5	40.5	40.5	40.5
Maximum headroom 2nd row	38.8	38.8	38.8	38.8	38.8
Headroom front with moonroof	39.8	39.8	39.8	39.8	39.8
Maximum headroom 2nd row with moonroof	38.3	38.3	38.3	38.3	38.3
Front Seat Volume	57.3	57.3	57.3	57.3	57.3
Rear Seat Volume	47.9	47.9	47.9	47.9	47.9
Approach angle front	22.2	22.2	22.2	22.2	22.2
Departure angle rear	20.4	20.4	20.4	20.4	20.4
Ramp angle	17.3	17.3	17.3	17.3	17.3
Axle clearance front	7.2	7.2	7.2	7.2	7.2
Axle clearance rear	7.6	7.6	7.6	7.6	7.6
foring depth (without auxiliary heating)	19.7	19.7	19.7	19.7	19.7
climbing ability	50	50	50	50	50
climbing ability starting	32	32	32	32	32
Press Trunk volume (SAE)	35.8-76.7	35.8-76.7	35.8-76.7	35.8-76.7	34.2-72.5
US Tank capacity - series	22.4	22.4	22.4	22.4	22.4
Weight distribution front / rear (empty car)	47.9 / 52.1	49.1 / 50.9	50 / 50	50.4 / 49.6	45.8 / 54.2
US Curb weight	4625	4735	5095	4875	5220

		X5 sDrive35i	X5 xDrive35i	X5 xDrive50i	X5 xDrive35d	X5 xDrive40e
Transmission type		automatic	automatic	automatic	automatic	automatic
Engine						
Engine type	--	N55B30M0	N55B30M0	N63B44O1	N57D30O1	N20B20O0
Cylinders	--	6	6	8	6	4
Valves p.cyl.	--	4	4	4	4	4
Stroke	mm	89.6	89.6	88.3	90	90.1
Bore	mm	84	84	89	84	84
Displacement	cm ³	2979	2979	4395	2993	1997
Compression rate	:1	10.2	10.2	10	16.5	10
Engine power	hp@rpm	300@5800-6400	300@5800-6400	445@5500-6000	255@4000	240@5000-6500
Engine torque	lb-ft@rpm	300@1200-5000	300@1200-5000	480@2000-4500	413@1500-3000	260@1250-4800
Fuel type	--	gasoline	gasoline	gasoline	diesel	gasoline
Useable Fuel quality recomm.	--	AKI 89 MIN AKI 91	AKI 89 MIN AKI 91	AKI 89 MIN AKI 91	Diesel Diesel	AKI 89 MIN AKI 91
Engine oil (filling quantity)	liter	6.5	6.5	9.5	6.5	5
Motor function (1. E-engine)	--	-	-	-	-	drive
Engine (1. E-engine)	--	-	-	-	-	GC1P25M0
Peak Power (1. E-engine)	hp	-	-	-	-	111
Total System Power	hp	-	-	-	-	308
Total System Torque	lb-ft	-	-	-	-	332
Electrification level	--	none	none	none	none	PHEV
Transmission						
Transmission designation	--	8HP45	8HP45	8HP75	8HP75	GA8P75HZ
Transmission type	--	automatic transmission	automatic transmission	automatic transmission	automatic transmission	automatic transmission
Gear ratios						
1st gear	--	4.714	4.714	5	5	4.174
2nd	--	3.143	3.143	3.2	3.2	3.143
3rd	--	2.106	2.106	2.143	2.143	2.106
4th	--	1.667	1.667	1.72	1.72	1.667
5th	--	1.285	1.285	1.313	1.313	1.285
6th	--	1	1	1	1	1
7th	--	0.839	0.839	0.823	0.823	0.839
8th	--	0.667	0.667	0.64	0.64	0.667
Reverse gear	--	3.295	3.295	3.478	3.478	3.317
Final drive ratio	--	3.154	3.154	3.154	3.154	3.154
Chassis and Suspension						
Power-steering	--	EPS	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	19.1	19.1	19.1	19.1	19.1
Recuperation power	kW	-	-	-	-	20
Front tires	--	255/50 R19 107H XL AS	255/50 R19 107H XL AS	255/50 R19 107H XL AS	255/50 R19 107H XL AS	255/50 R19 107H XL AS
Front rims	--	9J x 19 LM	9J x 19 LM	9J x 19 LM	9J x 19 LM	9J x 19 LM
Rear tires	--	255/50 R19 107H XL AS	255/50 R19 107H XL AS	255/50 R19 107H XL AS	255/50 R19 107H XL AS	255/50 R19 107H XL AS
Rear rims	--	9J x 19 LM	9J x 19 LM	9J x 19 LM	9J x 19 LM	9J x 19 LM
Track front	inch	64.6	64.6	64.6	64.6	64.6
Rear track	inch	64.8	64.8	64.8	64.8	64.7
Run flat tires	--	yes	yes	yes	yes	yes
Performance						
Top speed	mph	130	130	130	130	130
Top speed opt	mph	146	146	155	143	-
Top speed (electrical)	mph	-	-	-	-	75
Range (electric EPA)	miles	-	-	-	-	14
0-60 mph	s	6.1	6.1	4.7	6.5	6.5
A	m ²	2.84	2.84	2.84	2.84	2.84
Cx	--	0.34	0.34	0.34	0.32	0.33
Emission classification (type-certified)	--	LEV3 ULEV125	LEV3 ULEV125	LEV3 ULEV125	ULEV II	ULEV II
SCR (Yes/No)	--	No	No	No	Yes	No
SCR-Typ Activtank	--	-	-	-	G_Tank by container / refillable with car nozzle	-
AdBlue-Volume (Activtank)	liter	-	-	-	13.4	-
SCR-Typ Passivtank	--	-	-	-	G_Tank by container / refillable with car nozzle	-
AdBlue-Volume (Passivtank)	liter	-	-	-	15.6	-

		X5 sDrive35i	X5 xDrive35i	X5 xDrive50i	X5 xDrive35d	X5 xDrive40e
Transmission type		automatic	automatic	automatic	automatic	automatic
Fuel economy						
Fuel cons. city (official EPA)	mpg	tbc	tbc	tbc	tbc	tbc
Fuel cons. highway (official EPA)	mpg	tbc	tbc	tbc	tbc	tbc
Fuel cons. combined (official EPA)	mpg	tbc	tbc	tbc	tbc	tbc
Fuel cons. Gasoline + electric (official EPA)	MPGe	-	-	-	-	tbc
Range (electric EPA)	miles	-	-	-	-	tbc
Electrical System						
Battery Capacity (low voltage)	Ah	90	90	90	90	90
System voltage (low voltage)	V	12	12	12	12	12
2nd battery Capacity (low voltage)	Ah	50	50	50	50	-
Battery Capacity (high voltage)	Ah	-	-	-	-	26
Nominal battery voltage (high voltage)	V	-	-	-	-	355
Battery type high voltage	--	-	-	-	-	Li-Ion
Gross battery capacity (high voltage)	kWh	-	-	-	-	9.2
Net battery content high voltage	kWh	-	-	-	-	6.8
Battery Position high voltage	--	-	-	-	-	below trunk floor
Level 1 Charging (OUC)	--	-	-	-	-	AC Typ 1; 1,4kW
Level 2 Charging	--	-	-	-	-	AC Typ 2; 3,5kW
charging time for Level 1 (0-100% SoC)	h	-	-	-	-	approx. 7 hrs
charging time for Level 2 (0-100% SoC)	h	-	-	-	-	approx. < 3 hrs