

BMW

U.S. Media Information

Technical Data

2018 BMW X3 Sports Activity Vehicle

		X3 xDrive30i	X3 M40i
Transmission type		automatic	automatic
Body			
Seats	--	5	5
Number of Doors	--	5	5
Drive type	--	AWD	AWD
Veh. length	inch	185.9	186.1
Veh. width	inch	74.4	74.7
Width incl mirrors	inch	84.2	84.2
Veh. height	inch	66	66
Wheelbase	inch	112.8	112.8
Overhang front	inch	34.3	34.3
Rear overhang	inch	38.9	39.1
Ground clearance	inch	8	8
Turning circle	ft	39.4	39.7
Legroom front	inch	40.3	40.3
Legroom 2nd row	inch	36.4	36.4
Shoulder room front	inch	57.6	57.6
Shoulder room rear	inch	56	56
Headroom front	inch	41.1	-
Maximum headroom 2nd row	inch	39.1	-
Headroom front with moonroof	inch	40	40
Maximum headroom 2nd row with moonroof	inch	38.5	38.5
Front Seat Volume	ft³	55.2	55.2
Rear Seat Volume	ft³	46.2	46.2
Climbing ability	%	32	32
Press Trunk volume (SAE)	ft³	28.7-62.7	28.7-62.7
US Tank capacity	gal	17.2	17.2
Front/rear weight distribution (empty car)	%	49.4 / 50.6	50.4 / 49.6
US Curb weight	lbs	4156	4277
US Payload	lbs	937	959
US Axle load limit of the front	lbs	2513	2623
US Axle load limit of the rear	lbs	3020	3075
Trailer load braked 12%	lbs	4400	4400
Trailer tongue weight	lbs	440	440
Engine			
Engine type	--	B46B2000	B58B30M0
Engine technology	--	BMW TwinPower Turbo technology / M Performance TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control lift, Double-VANOS variable camshaft timing	
Cylinders	--	4	6
Valves p.cyl.	--	4	4
Stroke	mm	94.6	94.6
Bore	mm	82	82
Displacement	cm³	1998	2998
Compression rate	:1	11	11
Engine power	hp@rpm	248@5200-6500	355@5500-6500
Engine torque	lb-ft@rpm	258@1450-4800	369@1520-4800
Fuel type	--	gasoline	gasoline

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Useable fuel quality	--	AKI 89 MIN	AKI 89 MIN
recomm.	--	AKI 91	AKI 91
Engine oil (filling quantity)	liter	5.25	6.5
Transmission			
Transmission designation	--	8HP50	8HP50 Sport
Transmission type	--	automatic transmission	automatic transmission
Gear ratios			
1st gear	--	5	5
2nd	--	3.2	3.2
3rd	--	2.143	2.143
4th	--	1.72	1.72
5th	--	1.314	1.314
6th	--	1	1
7th	--	0.822	0.822
8th	--	0.64	0.64
Reverse gear	--	3.456	3.456
Final drive ratio	--	3.385	3.385
Chassis and Suspension			
Steering	--	Electric Power Steering (EPS), variable sport steering	
Steering transmission, overall	:1	16.8	16.8
Front tires	--	225/60 R18 104H XL AS	245/50 R19 105W XL
Front rims	--	7J x 18 LM	7.5J x 19 LM
Rear tires	--	225/60 R18 104H XL AS	245/50 R19 105W XL
Rear rims	--	7J x 18 LM	7.5J x 19 LM
Track front	inch	63.8	63
Rear track	inch	64.4	63.6
Run flat tires	--	yes	yes
Performance			
Top speed	mph	130	130
Top speed opt.	mph	-	155
0-60 mph	s	6	4.6
A	m²	2.65	2.65
Cx	--	0.29	0.33
Air resistance	m²	0.77	0.87
Battery capacity (low voltage)	Ah	105	105
System voltage (low voltage)	V	12	12
Driving Dynamics and Safety			
Suspension, front	--	Aluminum double-joint spring strut axle	
Suspension, rear	--	Five-link axle in lightweight steel construction	
Brakes, front	--	Single-piston floating-calliper disc brakes / vented. 13 x 0.94 [inch].	Four-piston fixed-calliper disc brakes / vented. 13.7 x 1.41 [inch].
Brakes, rear	--	Single-piston floating-calliper disc brakes / vented. 13 x 0.78 [inch].	Single-piston floating-calliper disc brakes / vented. 13.5 x 0.94 [inch].
Driving stability systems	--	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, Hill Descent Control, Performance Control; optional: Dynamic Damper Control)	
Safety equipment	--	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, knee airbags, three-point inertia-reel seatbelts on all seats with belt stopper, belt latch tensioner and belt force limiter at the front seats, crash sensors, Tire Pressure Monitoring System	
BMW EfficientDynamics			
BMW EfficientDynamics standard features	--	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode, coasting function, intelligent lightweight construction, optimized aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, detachable a/c compressor	

X3 xDrive30i

X3 M40i

Fuel economy

Fuel cons. city (official EPA)	mpg	22	20
Fuel cons. highway (official EPA)	mpg	29	27
Fuel cons. combined (official EPA)	mpg	25	23

Output and torque diagram - X3 M40i

