

BMW

U.S. Media Information

Technical Data

2018 BMW 2 Series Convertible

		230i	230i xDrive	M240i	M240i	M240i xDrive
Transmission type		automatic	automatic	manual transmission	automatic	automatic
Body						
Seats	--	4	4	4	4	4
Number of Doors	--	2	2	2	2	2
drive type	--	RWD	AWD	RWD	RWD	AWD
Veh. length	inch	174.7	174.7	175.9	175.9	175.9
Veh. width	inch	69.8	69.8	69.8	69.8	69.8
Width incl mirrors	inch	78.1	78.1	78.1	78.1	78.1
Veh. height	inch	55.6	55.6	55.2	55.2	55.2
Wheelbase	inch	105.9	105.9	105.9	105.9	105.9
Overhang front	inch	30.9	30.9	32.2	32.2	32.2
Rear overhang	inch	37.9	37.9	37.9	37.9	37.9
Ground clearance	inch	5.5	5.5	5.1	5.1	5.1
Turning circle	ft	35.8	37.1	35.8	35.8	37.1
Legroom front	inch	41.5	41.5	41.5	41.5	41.5
Legroom 2nd row	inch	31.8	31.8	31.8	31.8	31.8
Shoulder room front	inch	54.4	54.4	54.4	54.4	54.4
Shoulder room rear	inch	42.2	42.2	42.2	42.2	42.2
Headroom front	inch	40.5	40.5	40.5	40.5	40.5
Maximum headroom 2nd row	inch	37	37	37	37	37
Front Seat Volume	ft³	53	53	53	53	53
Rear Seat Volume	ft³	28.7	28.7	28.7	28.7	28.7
Press Trunk volume (SAE)	ft³	9.9-11.8	9.9-11.8	9.9-11.8	9.9-11.8	9.9-11.8
US Tank capacity - series	gal	13.7	13.7	13.7	13.7	13.7
rear Weight distribution (empty car)	%	50.5	49.2	49.8	49.8	48.7
US Curb weight	lbs	3680	3821	3788	3790	3944
Engine						
Engine type	--	B46B2000	B46B2000	B58B30M0	B58B30M0	B58B30M0
Cylinders	--	4	4	6	6	6
Valves p.cyl.	--	4	4	4	4	4
Stroke	mm	94.6	94.6	94.6	94.6	94.6
Bore	mm	82	82	82	82	82
Displacement	cm³	1998	1998	2998	2998	2998
Compression rate	:1	10.2	10.2	11	11	11
Engine power	hp@rpm	248@5200	248@5200	335@5500	335@5500	335@5500
Engine torque	lb-ft@rpm	258@1450-4800	258@1450-4800	369@1520-4500	369@1520-4500	369@1520-4500
Fuel type	--	gasoline	gasoline	gasoline	gasoline	gasoline
Useable Fuel quality	--	AKI 89 MIN	AKI 89 MIN	AKI 89 MIN	AKI 89 MIN	AKI 89 MIN
recomm.	--	AKI 91	AKI 91	AKI 91	AKI 91	AKI 91
Engine oil (filling quantity)	liter	5.25	5.25	6.5	6.5	6.5

		230i	230i xDrive	M240i	M240i	M240i xDrive
Transmission type		automatic	automatic	manual transmission	automatic	automatic
Transmission						
Transmission designation	--	8HP50	8HP50	K-Benzin-BK	8HP50	8HP50
Transmission type	--	automatic transmission	automatic transmission	manual transmission	automatic transmission	automatic transmission
Gear ratios						
1st gear	--	5	5	4.11	5	5
2nd	--	3.2	3.2	2.315	3.2	3.2
3rd	--	2.143	2.143	1.542	2.143	2.143
4th	--	1.72	1.72	1.179	1.72	1.72
5th	--	1.314	1.314	1	1.314	1.314
6th	--	1	1	0.846	1	1
7th	--	0.822	0.822	-	0.822	0.822
8th	--	0.64	0.64	-	0.64	0.64
Reverse gear	--	3.456	3.456	3.727	3.456	3.456
Final drive ratio	--	2.813	2.813	3.077	2.813	2.813
Chassis and Suspension						
Power-steering	--	EPS	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	15	15.1	14.5	14.5	14.6
Front tires	--	205/50 R17 89V AS	205/50 R17 89V AS	225/40 ZR18 88Y	225/40 ZR18 88Y	225/40 ZR18 88Y
Front rims	--	7J x 17 LM	7J x 17 LM	7,5J x 18 LM	7,5J x 18 LM	7,5J x 18 LM
Rear tires	--	205/50 R17 89V AS	205/50 R17 89V AS	245/35 ZR18 92Y XL	245/35 ZR18 92Y XL	245/35 ZR18 92Y XL
Rear rims	--	7J x 17 LM	7J x 17 LM	8J x 18 LM	8J x 18 LM	8J x 18 LM
Track front	inch	59.9	59.9	59.7	59.7	59.7
Rear track	inch	61.3	61.3	60.4	60.4	60.4
Performance						
Top speed	mph	130	130	130	130	130
top speed opt	mph	155	149	155	155	149
0-60 mph	s	5.6	5.6	4.7	4.5	4.4
A	m²	2.13	2.13	2.13	2.13	2.13
Cx	--	0.33	0.33	0.37	0.37	0.37
Air resistance	m²	0.7	0.7	0.79	0.79	0.79
Emission classification (type-certified)	--	LEV II	LEV II	LEV II	LEV II	LEV II
Battery Capacity (low voltage)	Ah	90	90	90	90	90
System voltage (low voltage)	V	12	12	12	12	12
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