

BMW

U.S. Media Information

Technical Data

2018 BMW 4 Series Gran Coupé

		430i	430i	430i xDrive	440i	440i xDrive
Transmission type		manual	automatic	automatic	automatic	automatic
Body						
Seats	--	5	5	5	5	5
Number of Doors	--	5	5	5	5	5
drive type	--	RWD	RWD	AWD	RWD	AWD
Veh. length	inch	182.7	182.7	182.7	182.7	182.7
Veh. width	inch	71.9	71.9	71.9	71.9	71.9
Width incl mirrors	inch	79.4	79.4	79.4	79.4	79.4
Veh. height	inch	54.7	54.7	55.3	54.7	55.3
Wheelbase	inch	110.6	110.6	110.6	110.6	110.6
Overhang front	inch	31	31	31	31	31
Rear overhang	inch	41.1	41.1	41.1	41.1	41.1
Ground clearance	inch	5.1	5.1	5.7	5.1	5.7
Turning circle	ft	37.1	37.1	38.7	37.1	38.7
Legroom front	inch	42.2	42.2	42.2	42.2	42.2
Legroom 2nd row	inch	33.7	33.7	33.7	33.7	33.7
Shoulder room front	inch	54.8	54.8	54.8	54.8	54.8
Shoulder room rear	inch	54.3	54.3	54.3	54.3	54.3
Press Trunk volume (SAE)	ft³	17-45.9	17-45.9	17-45.9	17-45.9	17-45.9
US Tank capacity - series	gal	15.8	15.8	15.8	15.8	15.8
rear Weight distribution (empty car)	%	51.7	51.2	50.3	50	48.7
US Curb weight	lbs	3635	3680	3814	3781	3922
Engine						
Engine type	--	B46B2000	B46B2000	B46B2000	B58B30M0	B58B30M0
Cylinders	--	4	4	4	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	1998	2998	2998
Compression rate	:1	10.2	10.2	10.2	11	11
Engine power	hp@rpm	248@5200	248@5200	248@5200	320@5500	320@5500
Engine torque	lb-ft@rpm	258@1450-4800	258@1450-4800	258@1450-4800	330@1380-5000	330@1380-5000
Fuel type	--	gasoline	gasoline	gasoline	gasoline	gasoline
Useable Fuel quality	--	RON91-100	AKI 89 MIN	AKI 89 MIN	AKI 89 MIN	AKI 89 MIN
recomm.	--	RON95	AKI 91	AKI 91	AKI 91	AKI 91
Engine oil (filling quantity)	liter	5.25	5.25	5.25	6.5	6.5

		430i	430i	430i xDrive	440i	440i xDrive
Transmission						
Transmission designation	--	I-350 BK	8HP50	8HP50	8HP50	8HP50
Transmission type	--	manual transmission	automatic transmission	automatic transmission	automatic transmission	automatic transmission
Gear ratios						
1st gear	--	3.683	5	5	5	5
2nd	--	2.062	3.2	3.2	3.2	3.2
3rd	--	1.313	2.143	2.143	2.143	2.143
4th	--	1	1.72	1.72	1.72	1.72
5th	--	0.809	1.314	1.314	1.314	1.314
6th	--	0.677	1	1	1	1
7th	--	-	0.822	0.822	0.822	0.822
8th	--	-	0.64	0.64	0.64	0.64
Reverse gear	--	3.348	3.456	3.456	3.456	3.456
Final drive ratio	--	3.909	2.813	2.813	2.813	2.813
Chassis and Suspension						
Power-steering	--	EPS	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	15	15	15.1	15	15.1
Front tires	--	225/45 R18 91V AS	225/45 R18 91V AS	225/45 R18 91V AS	225/45 R18 91V AS	225/45 R18 91V AS
Front rims	--	8J x 18 LM	8J x 18 LM	8J x 18 LM	8J x 18 LM	8J x 18 LM
Rear tires	--	225/45 R18 91V AS	225/45 R18 91V AS	225/45 R18 91V AS	225/45 R18 91V AS	225/45 R18 91V AS
Rear rims	--	8J x 18 LM	8J x 18 LM	8J x 18 LM	8J x 18 LM	8J x 18 LM
Track front	inch	60.8	60.8	60.7	61.1	61
Rear track	inch	62.7	62.7	62.7	62.9	62.9
Run flat tires	--	yes	yes	yes	yes	yes
Performance						
Top speed	mph	130	130	130	130	130
top speed opt	mph	155	155	149	155	149
0-60 mph	s	5.7	5.6	5.6	4.8	4.7
A	m²	2.16	2.16	2.16	2.16	2.16
Cx	--	0.29	0.29	0.3	0.29	0.3
Air resistance	m²	0.63	0.63	0.65	0.63	0.65
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	24	23	21	21
Fuel cons. highway (official EPA)	mpg	tbc	34	33	32	31
Fuel cons. combined (official EPA)	mpg	tbc	27	27	25	25