

BMW

U.S. Media Information

Technical Data

2017 BMW 5 Series Gran Turismo

		535i	535i xDrive	550i xDrive
Transmission type		automatic	automatic	automatic
Body				
Seats	--	5	5	5
Number of Doors	--	4	4	4
drive type	--	RWD	AWD	AWD
Veh. length	inch	197.1	197.1	197.1
Veh. width	inch	74.8	74.8	74.8
Width incl mirrors	inch	84.3	84.3	84.3
Veh. height	inch	61.6	61.6	61.6
Wheelbase	inch	120.9	120.9	120.9
Overhang front	inch	33.1	33.1	33.1
Rear overhang	inch	43.1	43.1	43.1
Ground clearance	inch	5.7	5.7	5.7
Turning circle	ft	40	41	41
Shoulder room front	inch	59.3	59.3	59.3
Shoulder room rear	inch	57.8	57.8	57.8
Legroom front	inch	40.6	40.6	40.6
Legroom 2nd row	inch	39.9	39.9	39.9
Headroom front	inch	41.4	41.4	41.4
Maximum headroom 2nd row	inch	38.8	38.8	38.8
Headroom front with moonroof	inch	39.9	39.9	39.9
Maximum headroom 2st row with moonroof	inch	38.3	38.3	38.3
Front Seat Volume	ft ³	57.6	57.6	57.6
Rear Seat Volume	ft ³	51.7	51.7	51.7
Press Trunk volume (SAE)	ft ³	31.5-63.6	31.5-63.6	31.5-63.6
US Tank capacity - series	gal	18.5	18.5	18.5
Weight distribution front / rear (empty car)	%	46.7 / 53.3	48.5 / 51.5	49.5 / 50.5
US Curb weight	lbs	4490	4630	4940

		535i	535i xDrive	550i xDrive
Transmission type		automatic	automatic	automatic
Engine				
Engine type	--	N55B30M0	N55B30M0	N63B44O1
Cylinders	--	6	6	8
Valves p.cyl.	--	4	4	4
Stroke	mm	89.6	89.6	88.3
Bore	mm	84	84	89
Displacement	cm ³	2979	2979	4395
Compression rate	:1	10.2	10.2	10
Engine power	hp@rpm	300@5800	300@5800	445@5500
Engine torque	lb-ft@rpm	300@1300-5000	300@1300-5000	480@2000-4500
Fuel type	--	gasoline	gasoline	gasoline
Useable Fuel quality	--	AKI 89 MIN	AKI 89 MIN	AKI 89 MIN
recomm.	--	AKI 91	AKI 91	AKI 91
Engine oil (filling quantity)	liter	6.5	6.5	9
Transmission				
Transmission designation	--	8HP45	8HP45	8HP70
Transmission type	--	automatic transmission	automatic transmission	automatic transmission
Gear ratios				
1st gear	--	4.714	4.714	4.714
2nd	--	3.143	3.143	3.143
3rd	--	2.106	2.106	2.106
4th	--	1.667	1.667	1.667
5th	--	1.285	1.285	1.285
6th	--	1	1	1
7th	--	0.839	0.839	0.839
8th	--	0.667	0.667	0.667
Reverse gear	--	3.295	3.295	3.317
Final drive ratio	--	3.077	3.077	2.813

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Chassis and Suspension				
Power-steering	--	EPS	hydraulic	hydraulic
Steering transmission, overall	:1	17.1	19.1	19.1
Front tires	--	245/50 R18 100V AS	245/50 R18 100V AS	245/50 R18 100V AS
Front rims	--	8J x 18 LM	8J x 18 LM	8J x 18 LM
Rear tires	--	245/50 R18 100V AS	245/50 R18 100V AS	245/50 R18 100V AS
Rear rims	--	8J x 18 LM	8J x 18 LM	8J x 18 LM
Track front	inch	63.4	63.4	63.4
Rear track	inch	65.1	65.1	65.1
Run flat tires	--	yes	yes	yes
Performance				
Top speed	mph	130	130	130
Top speed opt	mph	150	-	-
0-60 mph	s	6	6	4.7
A	m ²	2.57	2.57	2.57
Cx	--	0.3	0.31	0.32
Emission classification (type-certified)	--	ULEV II	ULEV II	ULEV II
Battery Capacity (low voltage)	Ah	105	105	105
Fuel Economy				
Fuel cons. city (official EPA)	mpg	19	18	15
Fuel cons. highway (official EPA)	mpg	27	26	24
Fuel cons. combined (official EPA)	mpg	22	21	18