

BMW

U.S. Media Information

Technical Data

2018 BMW M6 Competition Gran Coupé

		M6 Gran Coupé Competition Package
Transmission type		DCT
Body		
Seats	--	5
Number of Doors	--	4
drive type	--	RWD
Veh. length	inch	197.5
Veh. width	inch	74.8
Width incl mirrors	inch	82.9
Veh. height	inch	54.9
Wheelbase	inch	116.7
Overhang front	inch	37.4
Rear overhang	inch	43.4
Ground clearance	inch	4.3
Turning circle	ft	41
Legroom front	inch	42.1
Legroom 2nd row	inch	34.2
Shoulder room front	inch	56.7
Shoulder room rear	inch	54.6
Headroom front	inch	40.6
Maximum headroom 2nd row	inch	37
Headroom front with Sunroof	inch	-
Maximum headroom 2st row with sunroof	inch	-
Front Seat Volume	ft ³	56
Rear Seat Volume	ft ³	40.1
Press Trunk volume (SAE)	ft ³	16.2-44.7
US Tank capacity - series	gal	21.1
rear Weight distribution (empty car)	%	47.7
US Curb weight	lbs	4430
Engine		
Engine type	--	S63B44T0
Cylinders	--	8
Valves p.cyl.	--	4
Stroke	mm	88.3
Bore	mm	89
Displacement	cm ³	4395
Compression rate	:1	10

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Engine power	hp@rpm	600@6250
Engine torque	lb-ft@rpm	516@1500-6000
Fuel type	--	gasoline
Useable Fuel quality	--	AKI 91 MIN
recomm.	--	AKI 93
Engine oil (filling quantity)	liter	8.5

Transmission

Transmission designation	--	M DKG 436
Transmission type	--	DCT
Gear ratios		
1st gear	--	4.806
2nd	--	2.593
3rd	--	1.701
4th	--	1.277
5th	--	1
6th	--	0.844
7th	--	0.671
8th	--	-
Reverse gear	--	4.172
Final drive ratio	--	3.154

Chassis and Suspension

Power-steering	--	hydraulic
Steering transmission, overall	:1	12.7
Front tires	--	265/35 ZR20 99Y XL
Front rims	--	9.5J x 20
Rear tires	--	295/30 ZR20 101Y XL
Rear rims	--	10.5J x 20
Track front	inch	64.2
Rear track	inch	63.5

Performance

Top speed	mph	155
Top speed (opt. M Driver's Package)	mph	190
0-60 mph	s	3.8
A	m ²	2.3
Cx	--	0.33
Air resistance	m ²	0.76
Battery Capacity (low voltage)	Ah	105
System voltage (low voltage)	V	12

Fuel economy

Fuel cons. city (official EPA)	mpg	14
Fuel cons. highway (official EPA)	mpg	20
Fuel cons. combined (official EPA)	mpg	16