

Technical Data

2015 BMW M6 Gran Coupe

		M6 Gran Coupe	M6 Gran Coupe
Engine type		S63B44T0	S63B44T0
Transmission type		M-DCT 7	manual transmission 6
No of Doors / Seats		4 / 5	4 / 5
Veh. length	mm / inch	5016 / 197.5	5016 / 197.5
Veh. width	mm / inch	2106 / 82.9	2106 / 82.9
Veh. height	mm / inch	1395 / 54.9	1395 / 54.9
Wheelbase	mm / inch	2964 / 116.7	2964 / 116.7
Turning circle	m / ft	12.5 / 41	12.5 / 41
Ground clearance	mm / inch	110 / 4.3	110 / 4.3
Shoulder width front	mm / inch	1440 / 56.7	1440 / 56.7
Shoulder width rear	mm / inch	1387 / 54.6	1387 / 54.6
Legroom front	mm / inch	1069 / 42.1	1069 / 42.1
Legroom rear	mm / inch	896 / 35.3	896 / 35.3
Max. headroom front	mm / inch	1030 / 40.6	1030 / 40.6
Max. headroom rear	mm / inch	941 / 37	941 / 37
Luggage comp. capacity	m³ / ft³	0,460 / 16.2	0,460 / 16.2
Fuel tank capacity	liter / gal	80 / 21.1	80 / 21.1
Curb weight (US)	Kg / lbs	2009 / 4430	1994 / 4395
Weight distribution (empty car)	Front % / Rear%	51.5 / 48.5	52.1 / 47.9
Gross veh. weight	Kg / lbs	2474 / 5455	2411 / 5315
Payload	Kg / lbs	411 / 905	417 / 920
Axle load limit front	Kg / lbs	1179 / 2600	1179 / 2600
Axle load limit rear	Kg / lbs	1261 / 2780	1261 / 2780
Engine type / Cylinders / Valves p.cyl.		V 90 ° VANOS, Valvetronic / 8 / 4	V 90 ° VANOS, Valvetronic / 8 / 4
Engine management		MSD 17	MSD 17
Induction type		Two Twin Scroll Turbos	Two Twin Scroll Turbos
Injection type		High precision direct injection	High precision direct injection
Displacement	cm³ / inch³	4395 / 268	4395 / 268
Stroke	mm / inch	88.3 / 3.5	88.3 / 3.5
Bore	mm / inch	89 / 3.5	89 / 3.5
Engine power / at rpm	hp @ rpm	560 / 6000-7000	560 / 6000-7000
Engine torque / at rpm	ft lbs (Nm) @ rpm	500 (680) / 1500-5750	500 (680) / 1500-5750
Compression rate / Fuel type (recomm.)	:1 /	10 / Premium	10 / Premium
Type of transmission		M-DKG 436	G
Gear ratios 1st gear		4.806	4.055
2nd gear		2.593	2.396
3rd gear		1.701	1.582
4th gear		1.227	1.192
5th gear		1	1
6th gear		0.844	0.871
7th gear		0.671	
8th gear			
Reverse gear		4.172	3.677
Final drive		3.154	3.154
Steering type / Steering transmission, overdrive	:1	rack-and-pinion / 13.1	rack-and-pinion / 13.1
Front brake // Rotor Diameter	inch	disc ventilated // 16.1	disc ventilated // 16.1
Rear brake // Rotor Diameter	inch	disc ventilated // 15.6	disc ventilated // 15.6
Cd // Frontal	// m² / ft²	0.33 // 2.3 / 24.76	0.33 // 2.3 / 24.76
Top speed	Kmh / mph	250 / 155	250 / 155
Top speed optional	Kmh / mph		
Acceleration 0-60 mph	s	4.1	4.3
Acceleration 0-100Kmh	s	4.2	4.4
Acceleration 0-1000m	s	21.7	21.8
Fuel cons. city (official EPA)	mpg	14	15
Fuel cons. highway (official EPA)	mpg	20	22
Fuel cons. combined (official EPA)	mpg	16	17
Range (Combined)	miles	338	359
Front tires		265/40 ZR19 102Y XL	265/40 ZR19 102Y XL
Rear tires		295/35 ZR19 104Y XL	295/35 ZR19 104Y XL
Front Wheels		9.5J x 19	9.5J x 19
Rear Wheels		10.5J x 19	10.5J x 19
Track front	mm / inch	1631 / 64.2	1631 / 64.2
Track rear	mm / inch	1612 / 63.5	1612 / 63.5