

BMW

U.S. Media Information

Technical Data

2015 BMW ALPINA B6 xDrive Gran Coupe

		BMW ALPINA B6 xDrive Gran Coupe
Engine type		N63M20B
Transmission type		automatic transmission 8
No of Doors / Seats	/	4 / 5
Veh. length	mm / inch	5009 / 197.1
Veh. width	mm / inch	1894 / 74.6
Veh. height	mm / inch	1398 / 54.8
Wheelbase	mm / inch	2968 / 116.9
Turning circle	m / ft	12 / 39.4
Ground clearance	mm / inch	110 / 4.33
Shoulder width front	mm / inch	1440 / 56.7
Shoulder width rear	mm / inch	1387 / 54.6
Legroom front	mm / inch	1069 / 42.1
Legroom rear	mm / inch	896 / 35.3
Max. headroom front	mm / inch	1030 / 40.6
Max. headroom rear	mm / inch	941 / 37
Luggage comp. capacity	m³ / ft³	0,460-1,265 / 16,2-44,7
Fuel tank capacity	liter / gal	70 / 18.5
Curb weight (US)	Kg / lbs	2168 / 4780
Weight distribution (empty car)	front % / rear %	53.1 / 46.9
Gross veh. weight	Kg / lbs	2549 / 5620
Payload	Kg / lbs	381 / 840
Axle load limit front	Kg / lbs	1270 / 2800
Axle load limit rear	Kg / lbs	1324 / 2920
Engine type / Cylinders / Valves p.cyl.		V 90 ° VANOS, Valvetronic / 8 / 4
Engine management		MEVD 17.2.8
Induction type		Twin Turbo (mono scroll)
Injection type		High precision direct injection
Displacement	cm³ / inch³	4395 / 268
Stroke	mm / inch	88.3 / 3.5
Bore	mm / inch	89 / 3.5
Engine power / at rpm	hp @ rpm	540 / 5200-6250
Engine torque / at rpm	ft lbs (Nm) / rpm	540 (730) / 2800-5000
Compression rate / Fuel type (recomm.)	:1 /	10 / Premium
Type of transmission		8HP70 (Reinforced / ALPINA software)
Gear ratios 1st gear		4.714
2nd gear		3.143
3rd gear		2.106
4th gear		1.667
5th gear		1.285
6th gear		1
7th gear		0.839
8th gear		0.667
Reverse gear		3.317
Final drive		2.813
Steering type / Steering ratio		rack-and-pinion / 18.7
Front brake		disc ventilated
Rear brake		disc ventilated
Cd // A		0.342 // 2.22 / 23.90
Top speed	Kmh / mph	318 / 198
Top speed optional (all season tires)	Kmh / mph	210 / 130
Acceleration 0-60 mph	s	3.7
Acceleration 0-100Km/h	s	3.9
Acceleration 0-1000m	s	22
Fuel cons. city (official EPA)		mpg
Fuel cons. highway (official EPA)		mpg
Fuel cons. combined (official EPA)		mpg
Range		miles
Front tires		255/35 ZR20 97Y
Rear tires		285/30 ZR20 99Y
Front wheels		8,5J x 20 LM
Rear wheels		9,5J x 20 LM
Track front	mm / inch	1594 / 62.8
Track rear	mm / inch	1637 / 65.3