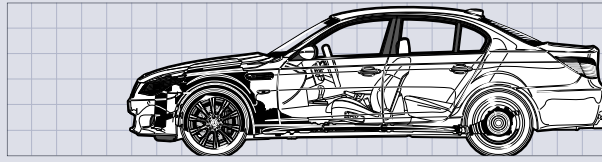


BMW M5

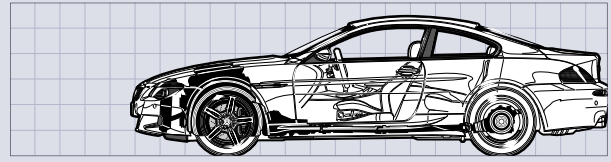
BMW of North America, P.O. Box 1227, Westwood, N.J. 07675-1227;
www.bmwusa.com



SCALE: 10 IN. (254mm) DIVISIONS • DRAWINGS BY TIM BARKER

BMW M6

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	BMW M5	BMW M6
GENERAL DATA		
List price	\$81,200	est \$97,200
Price as tested	\$91,995	est \$106,095
	Price as tested incl std equip. (ABS, dual front, side & side curtain airbags, yaw & traction control, cruise control, iDrive w/navigation, dual-zone climate control, power front seats, tilt & telescoping multifunction leather steering wheel; pwr windows, mirrors & door locks), full leather interior w/Alcantara roofliner (\$3500), M Multifunction seats w/active width adjustment (\$1900), head-up display (\$1000), gas-guzzler tax (\$3700), dest charge (\$695).	Price as tested incl std equip. (ABS, dual front, side & side curtain airbags, yaw & traction control, cruise control, iDrive w/navigation, dual-zone climate control, power front seats, tilt & telescoping multifunction leather steering wheel; pwr windows, mirrors & door locks), full leather interior w/Alcantara roofliner (\$3500), head-up display (\$1000), gas-guzzler tax (est \$3700), dest charge (\$695).
Curb weight	est 4035 lb	est 3770 lb
Test weight	est 4215 lb	est 3950 lb
Weight dist (w/ 180-lb driver), f/r, %	est 52/48	est 54/46
Wheelbase	113.7 in.	109.5 in.
Track, f/r	62.2 in./61.7 in.	61.7 in./62.4 in.
Length	191.5 in.	191.8 in.
Width	72.7 in.	73.0 in.
Height	57.8 in.	54.2 in.
ENGINE		
Type	dohc 4-valve/cyl V-10	dohc 4-valve/cyl V-10
Displacement	4999 cc	4999 cc
Bore x stroke	92.0 x 75.2 mm	92.0 x 75.2 mm
Compression ratio	12.0:1	12.0:1
Horsepower (SAE)	500 bhp @ 7750 rpm	500 bhp @ 7750 rpm
Torque	383 lb-ft @ 6100 rpm	383 lb-ft @ 6100 rpm
Redline	8250 rpm	8250 rpm
Fuel injection	elect. sequential port	elect. sequential port
Rec fuel	premium unleaded	premium unleaded
CHASSIS & BODY		
Layout	front engine/rear drive	front engine/rear drive
Body/frame	unit steel	unit steel w/carbon-fiber roof
Brakes, front	14.7-in. vented & cross-drilled discs/2-piston, sliding calipers	14.7-in. vented & cross-drilled discs/2-piston, sliding calipers
rear	14.6-in. vented & cross-drilled discs/1-piston, sliding calipers; vac assist, ABS	14.6-in. vented & cross-drilled discs/1-piston, sliding calipers; vac assist, ABS
Wheels	cast alloy; 19 x 8 1/2 J f, 19 x 9 1/2 J r	forged alloy; 19 x 8 1/2 J f, 19 x 9 1/2 J r
Tires	Continental SportContact 2; 255/40ZR-19 f, 285/35ZR-19r	Continental SportContact 2; 255/40ZR-19 f, 285/35ZR-19r
Steering	rack & pinion, vari power assist	rack & pinion, vari power assist
Steering ratio	12.4:1	12.4:1
Turns lock to lock	2.4	2.4
Suspension, f/r	MacPherson struts, double-pivot lower arms, coil springs, elect. adj tube shocks, anti-roll bar/multilink, coil springs, elect. adj tube shocks, anti-roll bar	MacPherson struts, double-pivot lower arms, coil springs, elect. adj tube shocks, anti-roll bar/multilink, coil springs, elect. adj tube shocks, anti-roll bar
ACCOMMODATIONS		
Seating capacity	5	4
Head room, f/r	40.0 in./36.5 in.	38.3 in./35.8 in.
Front-seat leg room	44.0 in.	44.5 in.
Rear-seat knee room	25.5 in.	19.0 in.
Trunk space	14.0 cu ft	12.0 cu ft

	BMW M5	BMW M6	
ACCELERATION			
Time to distance, seconds			
0-1320 ft (1/4 mile)	12.4 @ 115.8 mph	12.4 @ 118.1 mph	
	Time to speed	BMW M5	BMW M6
	0-120 mph	13.3	12.7
	0-110 mph	11.3	10.9
	0-100 mph	9.5	9.2
	0-90 mph	7.8	7.6
	0-80 mph	6.5	6.4
	0-70 mph	5.2	5.2
	0-60 mph	4.1	4.1
	0-50 mph	3.3	3.3
	0-40 mph	2.4	2.4
	0-30 mph	1.7	1.7
	0-20 mph	1.0	1.1
	0-10 mph	0.3	0.4
BRAKING			
Minimum stopping distance			
From 60 mph	120 ft	119 ft	
From 80 mph	207 ft	209 ft	
Total swept area	821 sq in.	821 sq in.	
Swept area per ton	407 sq in.	436 sq in.	
HANDLING			
Lateral accel *	0.87g	0.88g	
Balance	mild understeer	mild understeer	
Slalom speed **	68.9 mph	69.5 mph	
Balance	mild understeer	mild understeer	
*(200-ft skidpad); ** 700-ft slalom, 100-ft spacing.			
DRIVETRAIN			
Transmission	7-speed paddle-shift manual	7-speed paddle-shift manual	
Gear/Ratio/Overall/(Rpm) Mph			
1st,:1	3.99/14.44/(8250) 44	3.99/14.44/(8250) 44	
2nd,:1	2.65/9.59/(8250) 66	2.65/9.59/(8250) 66	
3rd,:1	1.81/6.55/(8250) 97	1.81/6.55/(8250) 97	
4th,:1	1.39/5.03/(8250) 126	1.39/5.03/(8250) 126	
5th,:1	1.16/4.20/(8250) 151	1.16/4.20/(8250) 151	
6th,:1	1.00/3.62/est (7300) 155*	1.00/3.62/est (7300) 155*	
7th,:1	0.83/3.00/est (6050) 155*	0.83/3.00/est (6050) 155*	
Final drive ratio	3.62:1	3.62:1	
Engine rpm @ 60 mph in top gear	2350 rpm	2350 rpm	
*Electronically limited.			
FUEL ECONOMY			
Our driving	10.9 mpg	11.0 mpg	
EPA city/highway	est 12/18 mpg	est 12/18 mpg	
Cruise range	191 miles	193 miles	
Fuel capacity	18.5 gal.	18.5 gal.	
INTERIOR NOISE			
Idle in neutral	51 dBA	55 dBA	
Maximum, 1st gear	77 dBA	77 dBA	
Constant 50 mph	65 dBA	71 dBA	
Constant 70 mph	70 dBA	71 dBA	