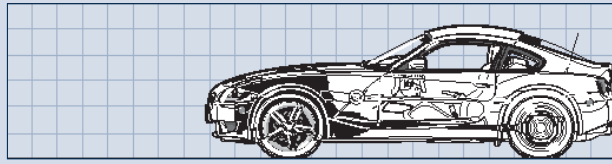


BMW Z4 M Coupe

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

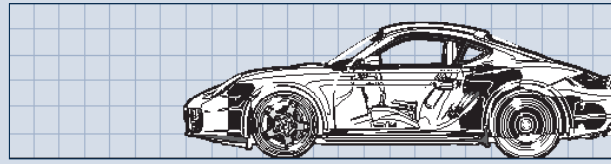


SCALE: 10 IN. (254 mm) DIVISIONS • DRAWINGS BY TIM BARKER

	BMW Z4 M Coupe	Porsche Cayman S
GENERAL DATA		
List price	\$49,300	\$58,900
Price as tested	\$54,245	\$73,050
	Price as tested incl std equip. (ABS, dual front & side airbags, yaw & traction control, xenon headlights, auto. climate control, M sport seats, rain-sensing wipers, leather-wrapped steering wheel, onboard computer; pwr windows, mirrors & door locks), Premium pkg (pwr seats, cruise control, BMW Assist w/ Bluetooth, upgrade audio) \$2500, heated seats (\$500), wood trim (\$250), gas-guzzler tax (\$1000), dest charge (\$695).	Price as tested incl std equip. (ABS, dual front, side & curtain airbags, yaw & traction control, climate control, active spoiler, cruise control, AM/FM/CD; pwr windows, mirrors & door locks), Porsche Comm. Mgmt (\$2970), Preferred Pkg (\$2190), Active Suspension Mgmt (\$1990), 19-in. Carrera S wheels (\$1550), pwr seats (\$1550), xenon lights (\$1090), Sport Chrono Pkg (\$920), metallic paint (\$825), Porsche crest in headrests (\$270), dest charge (\$795).
Curb weight	3295 lb	3150 lb
Test weight	3470 lb	3325 lb
Weight dist (w/ driver), f/r, %	50/50	47/53
Wheelbase	98.3 in.	95.1 in.
Track, f/r	58.5 in./59.7 in.	58.5 in./60.2 in.
Length	161.9 in.	170.9 in.
Width	70.1 in.	70.9 in.
Height	50.7 in.	51.4 in.
ENGINE		
Type	dohc 4-valve/cyl inline-6	dohc 4-valve/cyl flat-6
Displacement	3246 cc	3387 cc
Bore x stroke	87.0 x 91.0 mm	96.0 x 78.0 mm
Compression ratio	11.5:1	11.1:1
Horsepower (SAE)	330 bhp @ 7900 rpm	295 bhp @ 6250 rpm
Torque	262 lb-ft @ 4900 rpm	251 lb-ft @ 4400-6000 rpm
Redline/limiter	8000/8000 rpm	7200/7200 rpm
Fuel injection	elect. sequential port	elect. sequential port
Rec fuel	premium unleaded	premium unleaded
CHASSIS & BODY		
Layout	front engine/rear drive	mid engine/rear drive
Body/frame	unit steel	unit steel
Brakes, Front	13.6-in. drilled & vented discs/1-piston, sliding calipers	12.5-in. drilled & vented discs/4-piston, fixed calipers
Rear	12.9-in. drilled & vented discs/1-piston, sliding calipers; vac assist, ABS	11.8-in. drilled & vented discs/4-piston, fixed calipers; vac assist, ABS
Wheels	cast alloy; 18 x 8 f, 18 x 9 r	cast alloy; 19 x 8 f, 19 x 11 r
Tires	Continental ContiSport Contact; 225/45ZR-18 f, 255/40ZR-18 r	Michelin Pilot Sport 2; 235/35ZR-19 87Y f, 265/35ZR-19 94Y r
Steering	rack & pinion, vari power assist	rack & pinion, vari power assist
Steering ratio	14.7:1	14.8:1
Turns lock to lock	2.8	2.6
Suspension, f/r	MacPherson struts, lower control arms, coil springs, tube shocks, anti-roll bar/multilink, coil springs, tube shocks, anti-roll bar	MacPherson struts, lower control arms, coil springs, tube shocks, anti-roll bar/struts, lower lateral & trailing links, toe links, coil springs, tube shocks, anti-roll bar
ACCOMMODATIONS		
Seating capacity	2	2
Head room	38.0 in.	38.0 in.
Leg room	42.5 in.	42.0 in.
Trunk space	14.5 cu ft	4.9+9.2 cu ft

Porsche Cayman S

Porsche Cars North America, 980 Hammond Dr., Suite 100, Atlanta, Ga. 30328;
www.us.porsche.com



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	BMW Z4 M Coupe	Porsche Cayman S
ACCELERATION		
Time to distance, seconds		
0-1320 ft (1/4 mile)	13.5 @ 103.6 mph	13.4 @ 105.3 mph
	Time to speed	M Coupe Cayman S
	0-120 mph	18.1 17.4
	0-110 mph	15.2 14.6
	0-100 mph	12.3 12.2
	0-90 mph	10.1 9.8
	0-80 mph	8.3 8.1
	0-70 mph	6.7 6.2
	0-60 mph	4.9 4.9
	0-50 mph	3.8 3.7
	0-40 mph	2.8 2.5
	0-30 mph	1.8 1.7
	0-20 mph	1.1 1.1
	0-10 mph	0.4 0.4
BRAKING		
Minimum stopping distance		
From 60 mph	119 ft	116 ft
From 80 mph	215 ft	203 ft
Total swept area	611 sq in.	539 sq in.
Swept area per ton	371 sq in.	342 sq in.
HANDLING		
Lateral accel *	0.88g	0.95g
Balance	mild understeer	mild understeer
Slalom speed**	70.5 mph	70.6 mph
Balance	mild understeer	mild understeer
*(200-ft skidpad); **700-ft slalom, 100-ft spacing.		
DRIVETRAIN		
Transmission	6-speed manual	6-speed manual
Gear/Ratio/Overall/(Rpm) Mph		
1st,:1	4.35/15.75/(8000) 38	3.31/12.84/(7200) 44
2nd,:1	2.50/9.05/(8000) 66	1.95/7.57/(7200) 75
3rd,:1	1.66/6.01/(8000) 100	1.41/5.47/(7200) 103
4th,:1	1.23/4.45/(8000) 134	1.13/4.38/(7200) 129
5th,:1	1.00/3.62/est (7500) 155*	0.97/3.76/(7200) 150
6th,:1	0.85/3.08/est (6400) 155*	0.82/3.18/est (6950) 171
Final drive ratio	3.62:1	3.88:1
Engine rpm @ 60 mph in top gear	2450 rpm	2400 rpm
*Electronically limited.		
FUEL ECONOMY		
Our driving	19.9 mpg	18.9 mpg
EPA city/highway	16/24 mpg	20/28 mpg
Cruise range	269 miles	301 miles
Fuel capacity	14.5 gal.	16.9 gal.
INTERIOR NOISE		
Idle in neutral	54 dBA	56 dBA
Maximum, 1st gear	79 dBA	84 dBA
Constant 50 mph	70 dBA	69 dBA
Constant 70 mph	72 dBA	76 dBA

