

2012 Mercedes-Benz Model Line (Preliminary U.S. Specs)

Technical Data

		C250 Coupe	C350 Coupe	C63 AMG Coupe
Vehicle type		Two-door, four passenger coupe	Two-door, four passenger coupe	Two-door, four passenger coupe
Chassis		Steel unibody	Steel unibody	Steel unibody
Engine		Inline 4 Turbo	60-degree V6	90-degree V8
Valve arrangement		Four valves per cylinder	Four valves per cylinder	Four valves per cylinder
Valvetrain		Double overhead camshaft per cylinder bank; duplex chain-driven; variable valve timing	Double overhead camshaft per cylinder bank; duplex chain-driven; variable valve timing	Double overhead camshaft per cylinder bank; duplex chain-driven; variable valve timing
Displacement (cc)		1,796	3,498	378.7 / 6,208
Bore (in.)		3.23 / 82.0	3.66 / 92.9	4.02 / 102.2
Stroke (in.)		3.35 / 85.0	3.39 / 86.0	3.72 / 94.6
Compression ratio		9.3:1	12.2:1	11.3:1
Horsepower @ rpm		201 @ 5,500	302 @ 6,500	451 (481)* @ 6,500
Torque (lb-ft.) @ rpm		229 @ 2,200 - 4,300	273 @ 3,500 - 5,250	443 @ 5,000
Intake system		Magnesium two-stage resonance intake manifold	Magnesium two-stage resonance intake manifold	Magnesium two-stage resonance intake manifold
Max. engine speed (rpm)		6,450	6,750	7,200
Transmission		Seven-speed automatic	Seven-speed automatic	AMG SPEEDSHIFT PLUS Seven-speed multiclutch automatic
Shift controls		Touch Shift manual shift control	Touch Shift manual shift control	Touch Shift manual shift control w/ Shift Paddles
Gear ratios		Automatic	Automatic	Automatic
	1	4.38:1	4.38:1	4.38:1
	2	2.86:1	2.86:1	2.86:1
	3	1.92:1	1.92:1	1.92:1
	4	1.37:1	1.37:1	1.37:1
	5	1.00:1	1.00:1	1.00:1
	6	0.82:1	0.82:1	0.82:1
	7	0.73:1	0.73:1	0.73:1
	R	- 3.42:1	- 3.42:1	- 3.42:1
	R2 "comfort mode"	- 2.23:1	- 2.23:1	- 2.23:1
Final drive		3.07:1	2.82:1	2.85:1
Stability control		ESP stability control	ESP stability control	AMG 3-Stage ESP System
Suspension		Four-wheel independent; coil springs, gas shocks, stabilizer bars	Four-wheel independent; coil springs, gas shocks, stabilizer bars	Four-wheel independent; AMG springs and gas shocks, stabilizer bars
	front	Strut with two-piece control arm, antidive geometry	Strut with two-piece control arm, antidive geometry	Strut with two-piece control arm, antidive geometry
	rear	Five-arm multilink, anti-squat geometry	Five-arm multilink, anti-squat geometry	Five-arm multilink, anti-squat geometry
Steering		Rack-and-pinion, speed-sensitive hydraulic power assist with variable centering	Rack-and-pinion, speed-sensitive hydraulic power assist with variable centering	Rack-and-pinion, speed-sensitive hydraulic power assist with variable centering
Turning radius (ft.)		35.6	35.6	36.4
Wheels (in.)	front	17 x 7.5	17 x 7.5	18 x 8
	rear	17 x 7.5	17 x 7.5	18 x 9
Tires	front	225 / 45 R17	225 / 45 R 17	235 / 40 R 18
	rear	245 / 40 R 17	245 / 40 R 17	255 / 35 R 18

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Brakes		Power assisted 4-wheel vented discs with ABS anti-lock; Brake Assist	Power assisted 4-wheel vented discs with ABS anti-lock; Brake Assist	Power assisted 4-wheel vented discs with ABS anti-lock; Brake Assist
Disc diameter (in./mm)	front	11.6 (ventilated)	12.7 (ventilated)	14.2 (ventilated & perforated)
	rear	11.8 (solid)	11.8 (ventilated)	13.0 (ventilated & perforated)
Disc thickness (in./mm)	front	1.1 / 28	1.3 / 32	1.4 / 36
	rear	0.4 / 10	0.9 / 22	1.0 / 26
Exterior dimensions (in.)				
Wheelbase		108.7	108.7	108.9
Length		180.7	180.7	185.3
Width		69.7	69.7	69.7
Height		54.8	54.8	54.6
Ground clearance (in.)		4.0	4.0	4.2
Track	front	61.0	61.0	65.3
	rear	61.1	61.1	64.3
Interior dimensions (in.)				
Head room	front	37.0	37.0	37.0
	2nd / 3rd row	35.5	35.5	
Leg room	front			
	2nd / 3rd row			
Shoulder room	front	54.0	54.0	54.0
	2nd	50.3	50.3	50.3
Cargo Length	Back row up			
	Back	41.5	41.5	41.5
Capacities				
Cabin volume (cu. ft.)				
Cargo volume	seats up	11.71	11.71	11.71
	Back row down			
Curb weight (lbs.)		3,419	3,562	3,816
Towing (lbs.)				
Max. total payload		1,037	1,037	948
Fuel tank/reserve (gallons)		15.6 / 2.1	17.4 / 2.1	17.4 / 3.7
Performance				
0-60 (seconds)		7.1	5.9	4.4 (4.3)*
Top speed (mph)		130	130	155 (174)*
Fuel mileage, city/hwy		30 hwy / 24 comb. (est.)	22 combined (est.)	19.6 combined (est.)

Note: Technical specifications are subject to change.

*=w/AMG Development Pkg

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