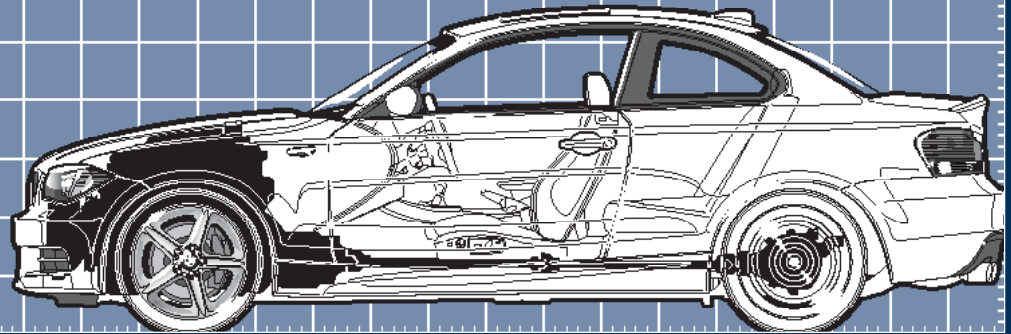


BMW 135i Coupe

BMW of North America, P.O. Box 1227, Westwood, N.J. 07657-1227; www.bmwusa.com

www.roadandtrack.com



SCALE: 1/8 IN. (25.4mm) BY 5/16 IN.
DRAWING BY: TIM BARNER

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SPECIFICATIONS

PRICING

List price	\$34,900
Price as tested	\$43,670
Price as tested incl std equip. (ABS, dual front, side & curtain airbags, traction & yaw control, AM/FM/CD, auto. climate control, cruise control), Premium Package (power front seats with memory, lumbar support, Boston leather, ambient light package, auto dimming lights, BMW Assist) \$3300, Sport Package (sport seats, sport suspension, M steering wheel, increased top speed limiter) \$1000, premium sound system (\$875), satellite radio (\$595), heated front seats (\$500), comfort access system (\$500), metallic paint (\$475), iPod and USB adapter (\$400), HD radio (\$350), dest charge (\$775).	

GENERAL DATA

Curb weight	3340 lb
Test weight	3520 lb
Weight dist (with driver), f/r %	875 lb / 830 lb
	52% / 48%
	945 lb / 870 lb
Wheelbase	104.7 in.
Track, f/r	59.7 in./58.9 in.
Length	172.2 in.
Width	68.8 in.
Height	55.4 in.
Ground clearance	6.0 in.
Trunk space	13.1 cu ft

ACCOMMODATIONS

Seating capacity	4
Head room Front:	36.5 in.
Rear:	35.5 in.
Seat width Front:	2 x 17.8 in.
Rear:	2 x 15.0 in.
Front-seat leg room	44.3 in.
Rear-seat knee room	22.0 in.
Seatback adjustment	55 deg
Seat travel	9.5 in.

INSTRUMENTATION

160-mph speedometer, 8000-rpm tachometer, coolant temp, fuel level

SAFETY

dual front, side & curtain airbags, traction & yaw control, front seatbelt pretensioners, front seatbelt force limiters (all standard equip.)

WARRANTY

Basic warranty	4 years/50,000 miles*
Powertrain	4 years/50,000 miles
Rust-through	12 years/unlimited miles
*Includes no-cost regularly scheduled maintenance.	

ENGINE

Type/layout	alum. block & head, twin-turbo I-6/longitudinal
Valvetrain	dohc 4-valve/cyl, variable timing, chain drive
Displacement	182 cu in./2979 cc
Bore x stroke	3.31 x 3.53 in./84.0 x 89.6 mm
Compression ratio	10.2:1
Horsepower (SAE)	300 bhp @ 5800 rpm
Bhp/liter	100.7
Torque	300 lb-ft @ 1400-5000 rpm
Redline/limiter	7000/7000 rpm
Fuel injection	direct
Recommended fuel	premium

DRIVETRAIN

Transmission:	6-speed manual		
Gear	Ratio	Overall ratio	(Rpm) Mph
1st	4.06:1	12.50:1	(7000) 41
2nd	2.40:1	7.39:1	(7000) 69
3rd	1.58:1	4.87:1	(7000) 105
4th	1.19:1	3.67:1	(7000) 140
5th	1.00:1	3.08:1	est (6300) 150*
6th	0.87:1	2.68:1	est (5500) 150*

Final drive ratio	3.08:1
Engine rpm @ 60 mph in top gear	2200
*Electronically limited.	

CHASSIS & BODY

Layout	front engine/rear drive
Body/frame	unit steel
Brakes Front:	13.3-in. vented discs/6-piston fixed calipers
Rear:	12.8-in. discs/2-piston fixed calipers
Assist type	vacuum, ABS
Wheels Front:	cast alloy, 18 x 7 1/2
Rear:	cast alloy, 18 x 8 1/2
Tires	Bridgestone Potenza RE050A RFT
Front:	215/40R-18 85Y
Rear:	245/35R-18 88Y
Spare tire	none, runflats
Steering	rack & pinion, power assist
Steering ratio	15.3:1
Steering-wheel diameter	14.5 in.
Turns, lock to lock	3.0
Turning circle	35.1 ft
Suspension	

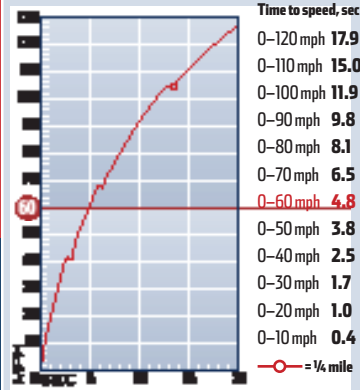
Front: MacPherson struts, lower control arms, coil springs, tube shocks, anti-roll bar

Rear: multilink, coil springs, tube shocks, anti-roll bar

PERFORMANCE

ACCELERATION

Time to distance	seconds
0-100 ft	2.7
0-500 ft	7.3
0-900 ft	10.5
0-1320 ft (1/4 mile) n	13.4 @ 104.0 mph



Time to speed, sec

0-120 mph	17.9
0-110 mph	15.0
0-100 mph	11.9
0-90 mph	9.8
0-80 mph	8.1
0-70 mph	6.5
0-60 mph	4.8
0-50 mph	3.8
0-40 mph	2.5
0-30 mph	1.7
0-20 mph	1.0
0-10 mph	0.4

BRAKING

Minimum stopping distance	
From 60 mph	114 ft
From 80 mph	204 ft
Total swept area	597 sq in.
Swept area/ton	358 sq in.

HANDLING

Lateral acceleration*	0.91g
Balance	mild understeer
Slalom speed**	70.6 mph
Balance	mild understeer
Lateral seat support	good
*200-ft skidpad; **700-ft slalom, 100-ft spacing.	

FUEL ECONOMY

Our driving	20.0 mpg
EPA city/highway	17/25 mpg
Cruise range	260 miles
Fuel capacity	14.0 gal.

INTERIOR NOISE

Idle in neutral	51 dBA
Maximum in 1st gear	76 dBA
Constant 50 mph	66 dBA
Constant 70 mph	69 dBA

TEST CONDITIONS

Temperature	75° F
Humidity	29%
Elevation	350 ft
Wind	calm
Location	Irvine, California

0-60 mph

4.8 sec

0-1/4 mile

13.4 sec

Top speed

150 mph*

Skidpad

0.91g

Slalom

70.6 mph

*Electronically limited.

Test Notes:

ACCELERATION

With traction control off, rev to 4000 rpm and release the clutch smoothly. Wheelspin will occur but should be kept to a minimum. Shift around 6500 in 1st gear to avoid hitting the limiter.

Test Notes:

BRAKING

With a generous amount of anti-dive dialed in, the 135i experiences a small amount of float during heavy braking. There is good feel through the brake pedal with no pulsations felt through the steering wheel.

Test Notes:

HANDLING

A tidy chassis makes the 135i feel more zippy than a 3 Series, but its suspension setup resists oversteer at all costs. This provides a safety net during slalom runs, but detracts from its overall driving excitement.

AT A GLANCE