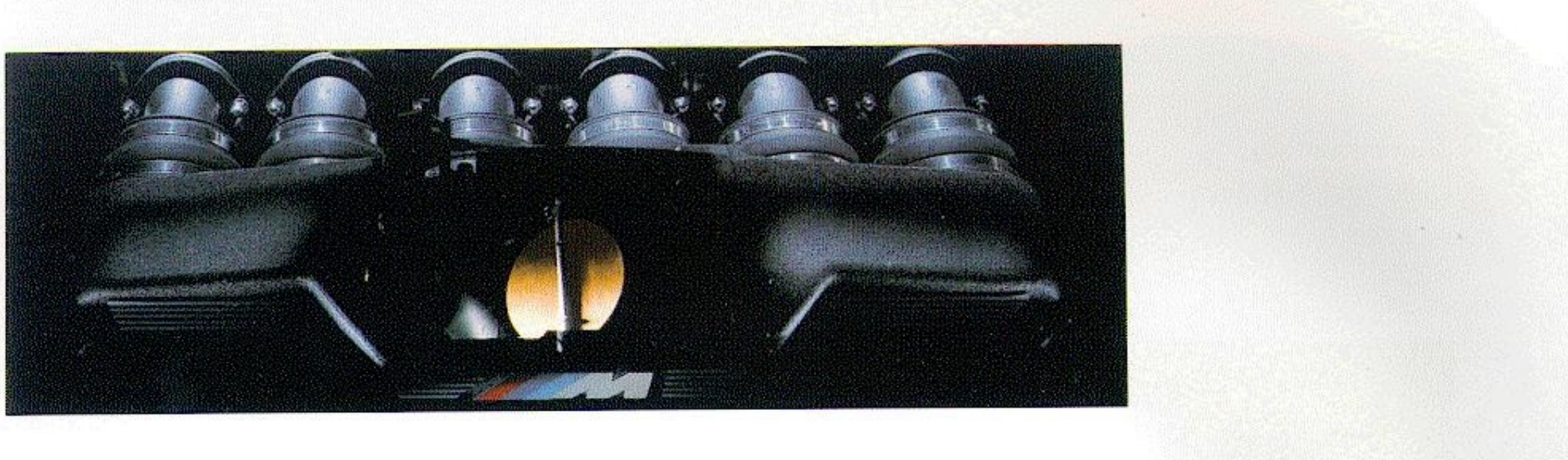


MAKING THE BEST EVEN BETTER.

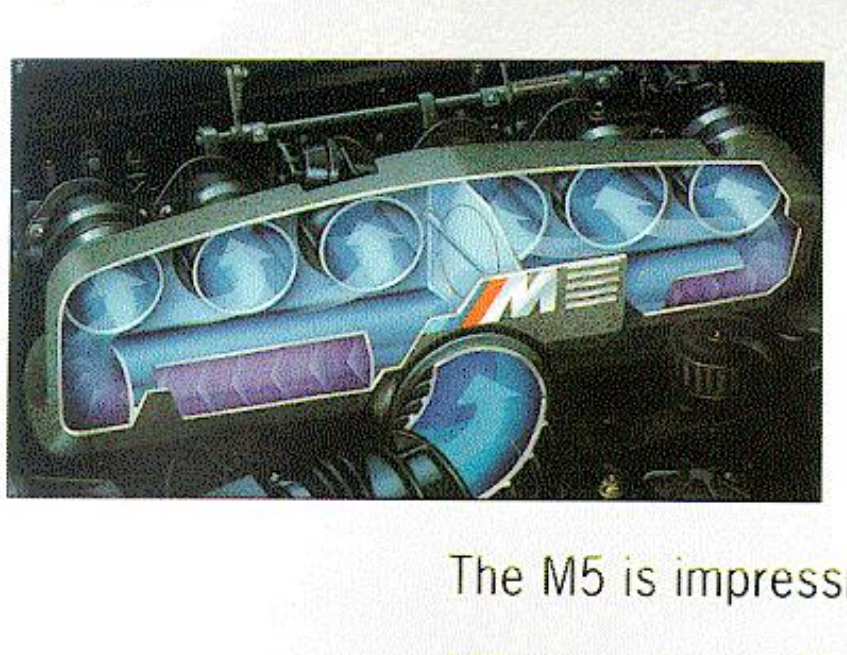
How can one improve on a car that has received one international award after another for the past three years – for example, "The Best Sports Sedan" (Road & Track, USA), "Number 1 Sports Saloon" (sportauto, Germany), and the "Best Performance Car" (What Car?, Britain). Why even try, you ask? Because with BMW the quest to push the technological envelope in M-Series models is never-ending.

BMW Motorsport has been the proving ground of every BMW production car. The extraordinary M5 does more than subtly disguise its race track heritage under a sleek metal exterior, however. It simply outperforms anything else at ground level.

Brochure ID Reference

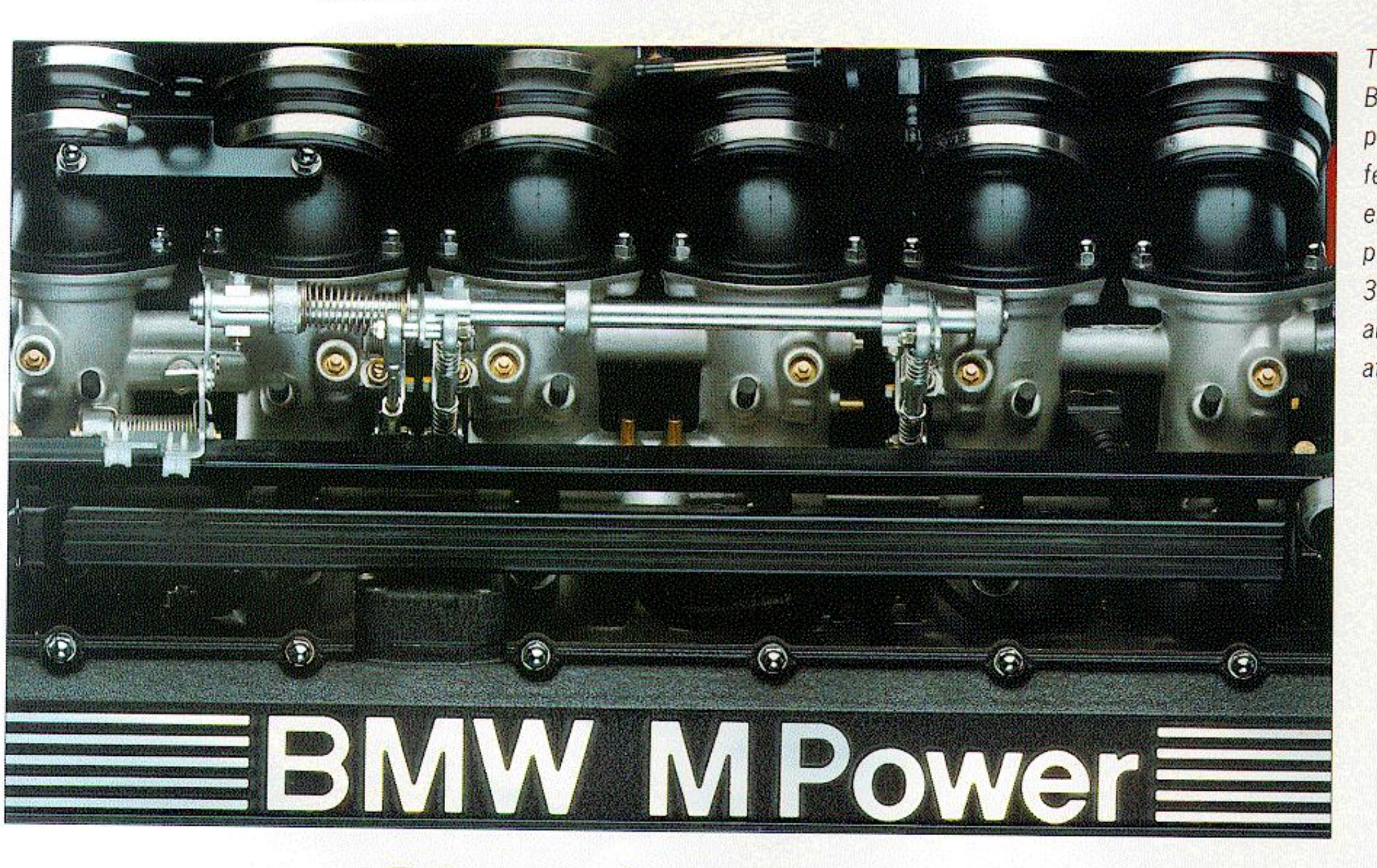
3 11 05 01 25 3/93 VM. Printed in Germany 1993

The M5 is produced in very small numbers. Largely by hand. By skilled craftsmen at BMW Motorsport. No compromises. Some people judge the potential of a car by its looks, assuming that the racier it looks outside, the faster it must be inside. The M5 is a notable exception to this rather superficial assumption. It is discreetly modest, with clean aerodynamic lines. The true connoisseur, however, knows that this is indeed one of the fastest production cars on the road today.



The resonance control intake system helps to maximize torque at all engine speeds.

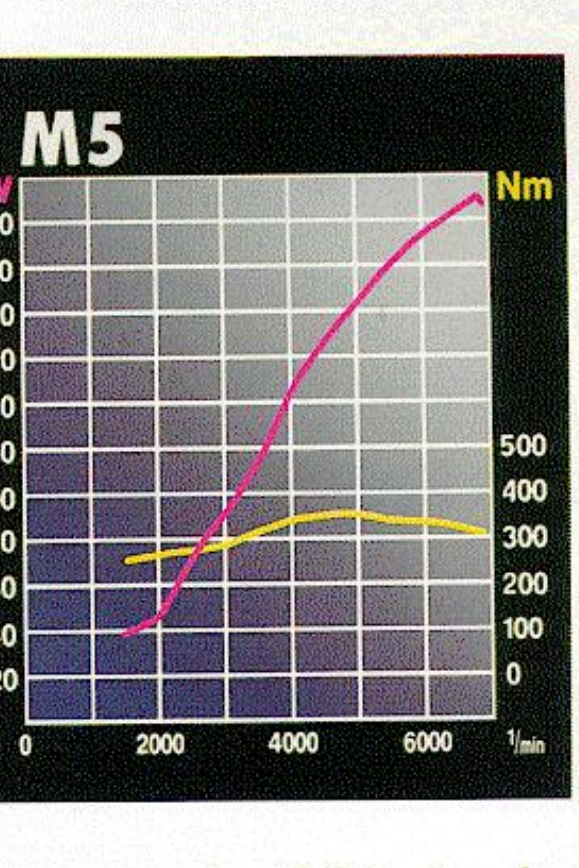
A nice, practical, 155 mph family sedan. The M5 is impressive. Its engine was born of the legendary 6-cylinder M1 race car and produces 310 hp, making it one of the most powerful five-seat sedans in the world. And when it comes to handling and performance, the M5's response, combined with BMW luxury and comfort, places this car not simply ahead of the competition, but as an original in a class of its own.



The improved version of BMW's legendary M1 power unit: The M5 features a straight-six engine with four valves per cylinder. The result: 310 hp at 6900 rpm and 265 lb-ft of torque at 4750 rpm.

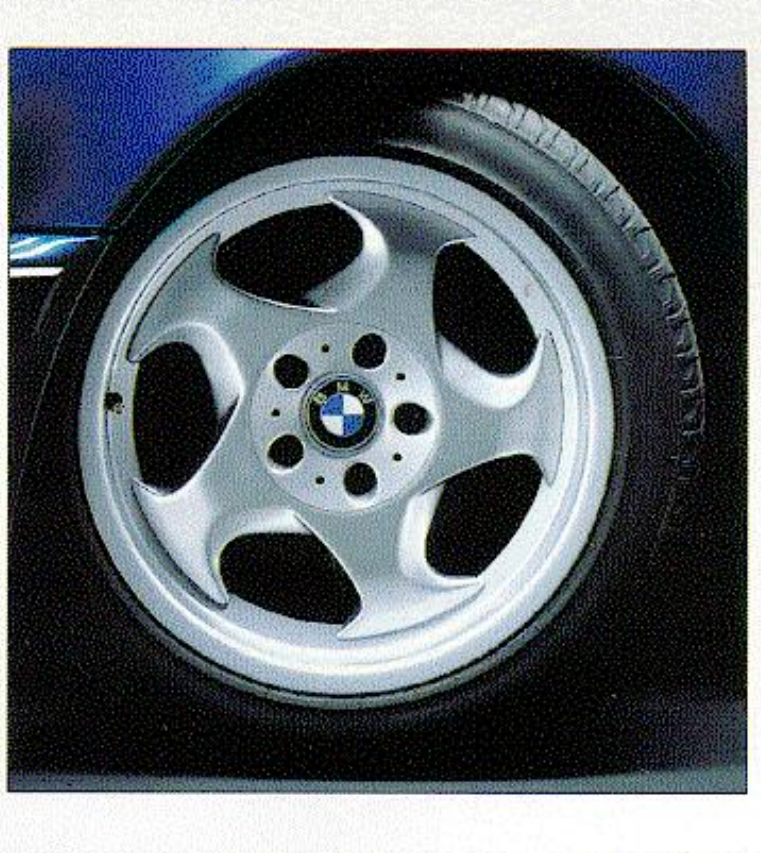
Endurance and performance plus. The M5's superior performance has been shaped on the Nurburgring race track – through 10,000 km of non-stop running – and through grueling tests from the Arctic Circle to Death Valley. After all, a thoroughbred like the M5 isn't allowed to leave the factory until it's passed all kinds of tests.

To get the most out of the engine, even the smallest detail is constantly improved, honed and refined. Two overhead camshafts operate four valves per cylinder; fuel is provided by six individual throttle units with an integrated resonance charging system; and Digital Motor Electronics with more than 15 sensors constantly monitors and adjusts for optimum efficiency.



The torque curve translates into an abundance of torque throughout the rpm range, always with power in reserve, always delivered with surprising smoothness and excellent drivability.

The M5's body has been lowered on the suspension 0.8 inches for greater stability and improved aerodynamics. The independent front suspension has double-pivot MacPherson struts with sports-tuned, twin-sleeve, gas-pressure shock absorbers. Working in harmony with BMW's Track-Link rear suspension with semi-trailing arms that are inclined 13°, the M5 hugs the road. Weight distribution is near perfect front-to-rear. Add hydraulic self-leveling for optimum balance, and the result is excellent roadholding whether you're alone or with the family.



New 5-spoke forged light-alloy wheels have large open surfaces and blade design for optimum brake cooling.

Perfected for racing, perfect for the road. Some call it sheer luxury. Nothing has been left to chance in the M5's elegant leather interior. Sports seats, spaciousness, every amenity. The first time you experience the pleasure of driving the M5, you'll know what the "M" is for – Magnificent. It is quite simply a BMW unlike any other.

THE STANDARD EQUIPMENT OF YOUR 5-SERIES.

Power Plant

525i/525i Touring: Longitudinally mounted and inclined 2.5-liter, 6-cylinder, dual overhead camshafts, 24-valve in-line engine.

Aluminum gravity die-cast cylinder head, cross-flow principle with hemispherical combustion chambers, centrally positioned tri-electrode spark plugs, camshafts running in seven bearings and hydraulic valve play compensation. Digital Motor Electronics with grid-controlled, fully sequential, air mass-metered fuel injection, variable valve timing and knock control, distributorless ignition system, adaptive idle control, cold start and warm-up control program, fault memory system with emergency run function, long-life exhaust system. Engine mounted on vibration dampers.

530i/530i Touring/540i: Light alloy 8-cylinder, cylinder heads with roof-shaped combustion chambers and 4-valve technology, four overhead camshafts running in five bearings, hydraulic valve play compensation, crankshaft running in five bearings with six counterweights. Sintered connecting rods, nickel alloy electroplated cylinder walls.

Self-learning idle speed control; on-board diagnosis with failsafe running functions. Hydraulic engine mounts. Exhaust manifolds and pipes with insulating air gap to catalytic converter. Dual oxygen sensor control.

M5: 3.6-liter, 6-cylinder in-line engine, dual overhead camshafts, 24-valve light-alloy cylinder head, individual throttle for each cylinder, electronically controlled dual-resonance induction system. High-efficiency cooling system, engine oil cooler. Twin-pipe double-chamber long-life exhaust system with dual tailpipes.

Suspension/Transmission

Front engine, rear-wheel drive. Hydraulically actuated single-plate clutch with diaphragm spring and torsional vibration damper, automatic adjustment for wear, Standard drive: engine at the front, power transmission to rear wheels.

Double-pivot MacPherson strut front axle, "precision control" Track-Link semi-trailing arm rear axle, anti-roll bars and twin-tube gas pressure shock absorbers front and rear. Hydraulically assisted power steering.

Twin-circuit brake system, asbestos-free clutch and brake pads, floating-caliper disc brakes front/rear. ABS (anti-lock braking system).

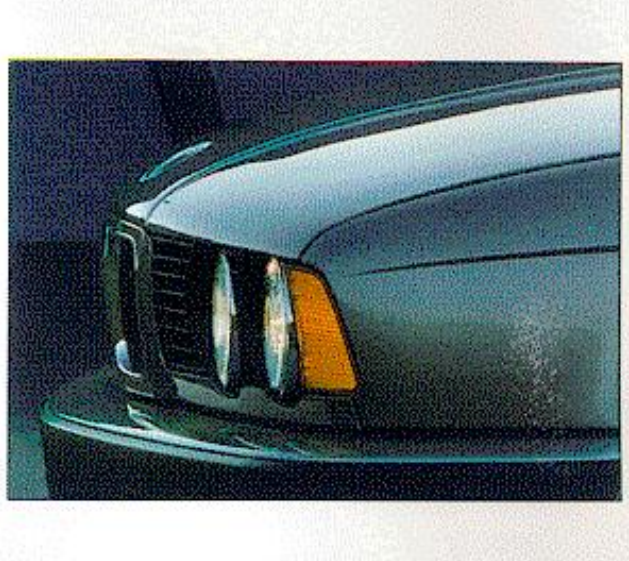
525i/530i: 5-speed manual gearbox, synchromesh also on reverse gear.

525i Touring: Four-speed overdrive automatic transmission with lock-up torque converter and electro-hydraulic switchable programming.

530i Touring/540i: Five-speed automatic transmission with EH control.

530i Touring: ASC+T (Automatic Stability Control + Traction).

M5: Limited slip differential (25% locking action). Double-pivot MacPherson strut front axle, independent rear suspension with semi-trailing arms swept back by 13°, sports-tuned suspension with anti-sway bars and twin-tube gas pressure shock absorbers at the front, hydraulic self-leveling at the rear, variable assist power steering. 5-spoke forged light-alloy wheels with open surfaces and blades for optimum brake cooling. Vented front and rear brake rotors.



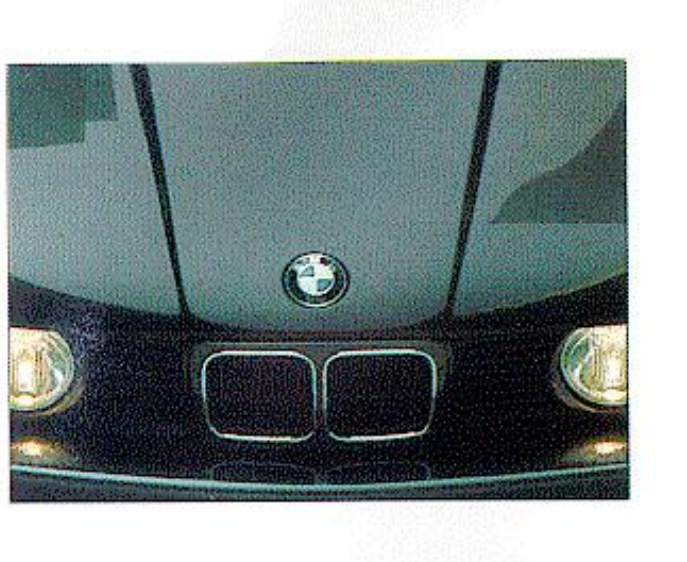
Body

Four-door sedan. Extremely rigid monocoque. All-steel bodywork welded to the floor assembly with torsionally rigid safety cell on all planes, front and rear crumple zones with predetermined deformation, integrated roof crossbar, all-around body reinforcement, and fuel tank embedded in rigid support frame. Fuel tank capacity: 21.1 gallons. Extensive use of galvanized sheet metal for corrosion resistance. Three-stage door sealing system for reduced wind noise. Flush-mounted windshield, rear and side windows.

Deluxe tool kit in luggage compartment lid. Fully lined luggage compartment and lid.

Touring Models: Five-door sportwagon, separately opening rear window in rear hatch.

U.S. Importer: BMW of North America, Inc. Woodcliff Lake, N.J. 07675. BMW reserves the right to make changes in specifications, standard and optional equipment without prior notice. Further information can be obtained from your BMW dealer. © BMW AG, Munich/Germany. Not to be reproduced wholly or in part without written permission of BMW AG, Munich.



Exterior Features

Four round headlights integrated in radiator grille. Integral fog lights. Front/rear bumpers equipped with impact absorbers for regeneration to their original shape in impacts up to 2.5 mph. Front and rear bumpers finished in body color, with air dam at the front.

Engine compartment lid rising up toward windshield with partly covered windshield wiper shafts, extra-low trunk lid cutout at the rear. Large, split rear light clusters with separate direction indicators.

Engine compartment and luggage compartment lids supported when open by gas-pressure springs. Windshield and rear window bonded flush with car body. Green tint heat-insulating glass all around.

Central locking system with anti-theft security locks and electrically heated driver's door lock. Convenient closure circuit to close windows and sunroof via key in driver's door.

530i/530i Touring/540i: Distinctive wide kidney grill and hood accent crease.

Touring Models: Extra-low loading sill at the rear. Split rear light clusters in hatch to provide full loading width, separate direction indicators.

Covered front and rear towing hooks. Electrical release for opening rear hatch and rear window, rear window wiper with retractable washer jet, windshield and rear side windows bonded flush with body. Tinted heat-insulating glass all around, black spoiler on rear window.

Prepared for fitting a roof rack.

M5: Insignia in front left ornamental grille and rear right panel with BMW Motorsport stripes. Aerodynamic rockerpanel extensions. Larger air intakes under bumper, black panel between taillights.

Interior Features

Lockable, illuminated glove compartment. Upper half of instrument panel in soft-skin finish. Door lining with integrated armrest and map pocket. Folding roof grab handles integrated in roof lining. Wood trim on dashboard, doors and center console. Dual lighted visor vanity mirrors. Center console with two storage bins and rear seat air outlets and cigarette lighter.

Front seats electrically adjustable with ergonomic controls for reach, height, backrest angle and headrest height. Pockets in front seat backs. Seats made of multi-zone foam padding with steel base springs. Rear seats with individual body contour. Automatic adjustment of front seat belt height as a function of seat fore-and-aft position. Ergonomic belt system with rear belt locks at the outside. Front and rear seat center armrests.

Interior lights activated by lifting driver's outside door handle or when ignition is switched off with exterior lights on.

Steering wheel (mechanically adjustable). SRS (Supplemental Restraint System) with driver side airbag and knee bolster.

525i/530i/540i: Leather upholstery. Leather steering wheel, shift knob and hand-brake lever.

540i: Memory function for driver's seat, driver mirror and streering wheel. Electronically adjustable streering wheel.

Touring Models: Asymmetrically divided rear seat back rest tilting to the front onto the fixed seat bottom, one third (right)/two thirds (left) division providing smooth and flat luggage compartment floor up to the front seats.

M5: Interior finished in top quality leather upholstery. Electrically adjustable BMW sports seats, driver and front passenger seats individually adjustable for height and angle, front headrests adjustable for angle and height. Illuminated shift pattern on M-Technic gearshift knob. 8000 rpm tachometer. Analog dials have red pointers.

Electrical System

Free-form technology lighting system, low-beam headlights and fog lights. Instruments with backlighting and floodlit indicator needles. Service Interval Indicator, analog display speedometer, tachometer, fuel gauge, coolant temperature gauge and Energy Control. Courtesy lights with automatic delay function. Electrically adjustable and heatable rear-view mirrors in body color. Diversity antenna system integrated in rear window. Rear-window heating with automatic control.

Air conditioning/heating/ventilation system with separate left/right electronic temperature control. Four-speed blower. Separate recirculation control. Rear seat heater duct. Micro-filtration system.

Multi-function Check/Control. LCD mileage counter display with integral trip odometer. Two-speed windshield wipers with speed-sensitive and adjustable intermittent mode. Map-reading lights at the front and rear. Electrically heated windshield washer nozzles.

Electric window lifts front and rear with one-touch function on front windows. Two-way electric sunroof with one-touch function. Engine compartment illumination. On-board computer with remote control operation from steering column lever (optional in 525i/525i Touring/530i/530i Touring). Outside temperature warning chime. Programmable display of on-board computer information in Check/Control. Pre-wired for CD and BMW cellular telephone installation, keyless entry alarm system.

540i: RF operated keyless entry and anti-theft warning system.

Touring Models: Electrical dual sunroof with one-touch function.

M5: Overload warning in Check/Control if loading exceeds self-leveling system capacity. Engine oil temperature gauge.

COLOR AND UPHOLSTERY.

Standard Colors

- 218 Alpine White
- 308 Brilliant Red
- 668 Jet Black
- 274 Mugello Red

Metallic Colors

- 244 Sterling Silver
- 237 Granite Silver
- 273 Iceland Green
- 301 Cashmere Beige
- 252 Calypso Red
- 266 Lagoon Green
- 276 Avus Blue

Leatherette

- 0479 Parchment
- 0478 Ultramarine
- 0477 Black

Leather Upholstery

- 0396/0453 Parchment
- 0394/0451/0527 Light Silvergray
- 0395/0452 Ultramarine
- 0203/0325/0526 Black

Note:
Paint availability varies throughout model year. We suggest you visit your local BMW dealer and inspect the actual colors.

Recommended Exterior and Interior Color Combinations

				Standard Colors				Metallic Colors						
Model	Interior Fittings		Code No.	Jet Black 668	Alpine White 218	Brilliant Red 308	Mugello Red 274	Granite Silver 237	Sterling Silver 244	Calypso Red 252	Iceland Green 273	Avus Blue 276	Cashmere Beige 301	Lagoon Green 266
525i 530i	*Leather*	Black	0203	●	●	●		●						
		Light Silvergray	0394	●	●			●	●		●			
		Ultramarine	0395		●									
		Parchment	0396	●	●	●				●	●		●	
525i 530i Touring*	*Leather*	Black	0203	●	●	●		●	●					
		Light Silvergray	0394	●	●			●	●					
		Ultramarine	0395		●									
		Parchment	0396	●	●	●		●		●	●		●	
	Leatherette	Black	0477	●	●	●		●	●					
		Ultramarine	0478		●									
		Parchment	0479	●	●	●		●		●	●		●	
540i	*Leather*	Black	0325	●	●	●		●						
		Light Silvergray	0451	●	●			●	●		●			
		Ultramarine	0452		●									
		Parchment	0453	●	●	●				●	●		●	
M5	*Leather*	Black	0526	●	●		●		●	●		●		●
		Light Silvergray	0527	●	●		●		●	●		●		●

Interior upholstery colors not available in all exterior paint finishes. See your local BMW dealer for accurate details. This brochure shows the current recommended combinations of colors and materials. Specifications listed are subject to change without notice.

* Leather as an option for 525i Touring and 530i Touring.