

The BMW 8 Series Coupés



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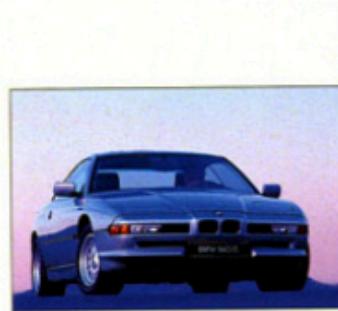
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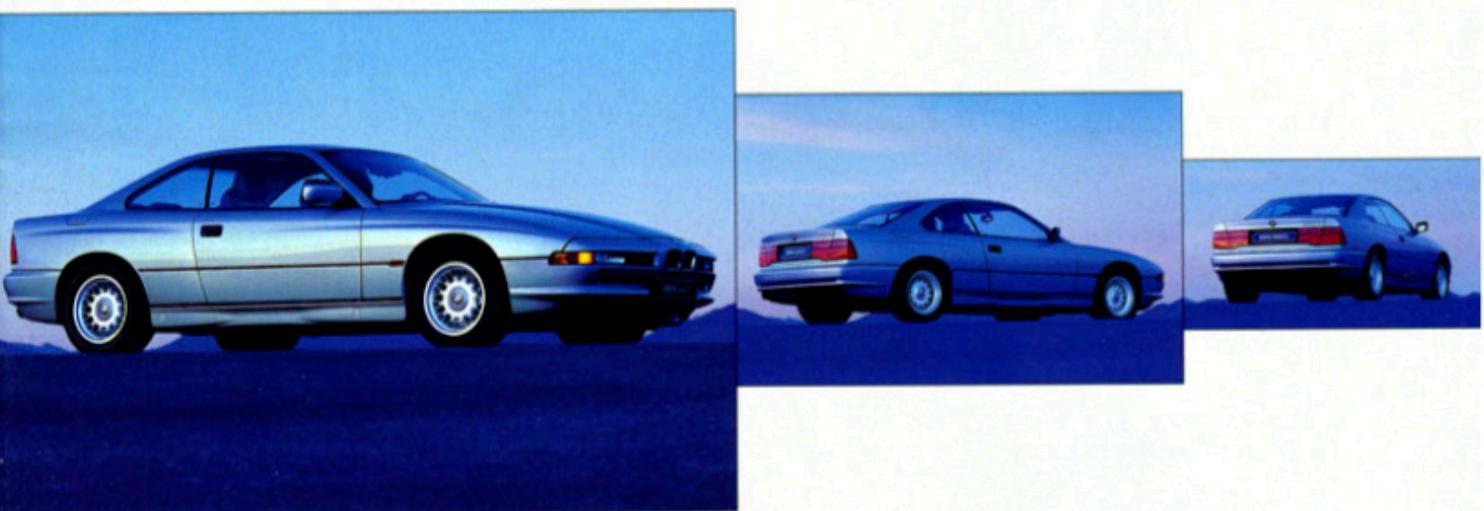
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The passion of motoring reaches its climax in the BMW 8 Series: a car offering the virtually perfect blend of mobility, luxury, and active driving pleasure. This top-of-the-range sports coupé is virtually predestined to make motoring a fascinating experience time and again, regardless of whether you prefer a more dynamic or relaxed style at the wheel. The BMW 8 Series is also thrilling in its design and paves the way as a spearhead in technology borne out particularly by the 8 Series' extremely sophisticated suspension and high-performance power units: 12-cylinder engines displacing 5.4 and 5.6 litres, and the new 4.4-litre 8-cylinder. We therefore refer to the BMW 8 Series quite rightly as an automobile created to set new standards and offer sheer driving pleasure at its best.

Outstanding beauty from every angle will be your first impression of the BMW 8 Series coupés. For these cars offer a perfect symbiosis of streamlining, on the one hand, and supreme aesthetic beauty, on the other. Automotive progress in its purest form.

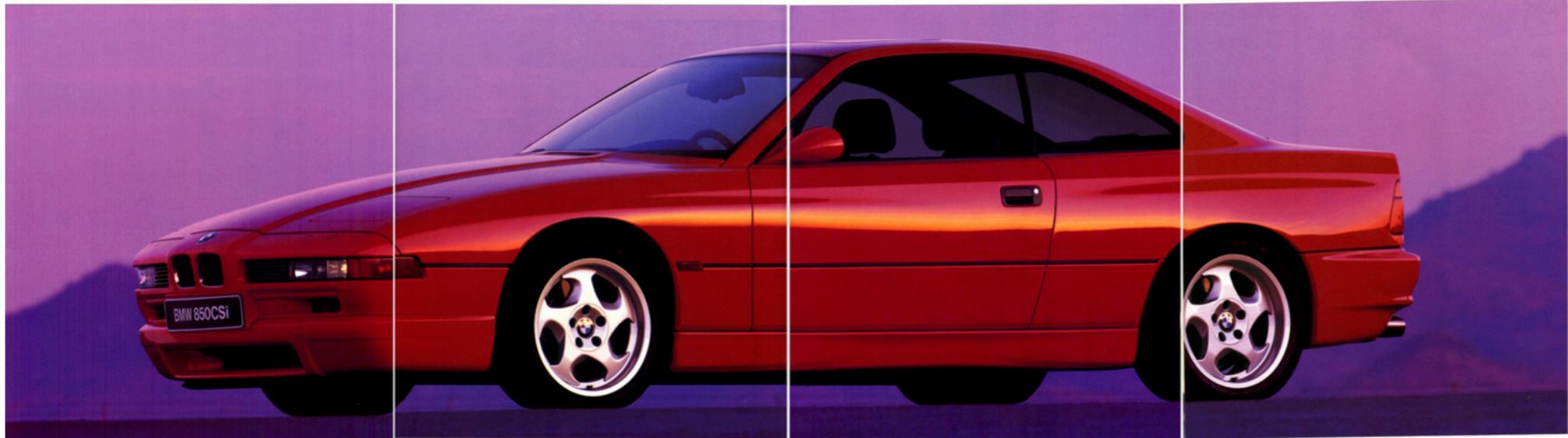


BMW 850CSi

The unique style and class
of the BMW 8 Series coupe

is the result of passion for
aesthetic design blended

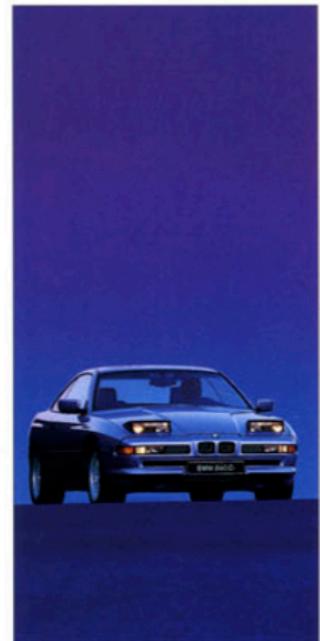
perfectly with progressive
automotive technology





Sleek and elegant, muscular but graceful, the BMW 8 Series coupés allow your imagination to indulge in a much broader definition of top performance than that of power alone.

Featuring a new 4.4-litre 8-cylinder, the BMW 840Ci offers performance far beyond the usual.



Not least, it is the striking, powerful face of the car that makes the BMW 8 Series so unique.



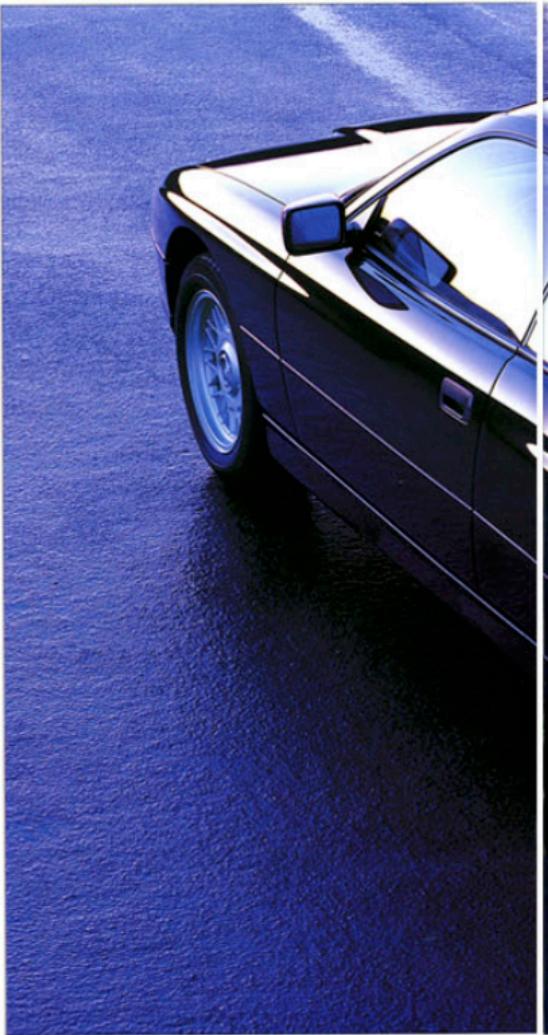


Whatever perspective you choose, you will be thrilled by the clear, consistent design of the BMW 8 Series.

A comfort-oriented luxury coupé or a high-performance sportscar? The BMW 8 Series goes far beyond conventional standards, offering a unique driving experience in the guise of the 8-cylinder 840Ci or the 12-cylinder 850Ci and 850CSi.



The classic lines of a classic coupé accentuate the dynamic character of the BMW 8 Series.



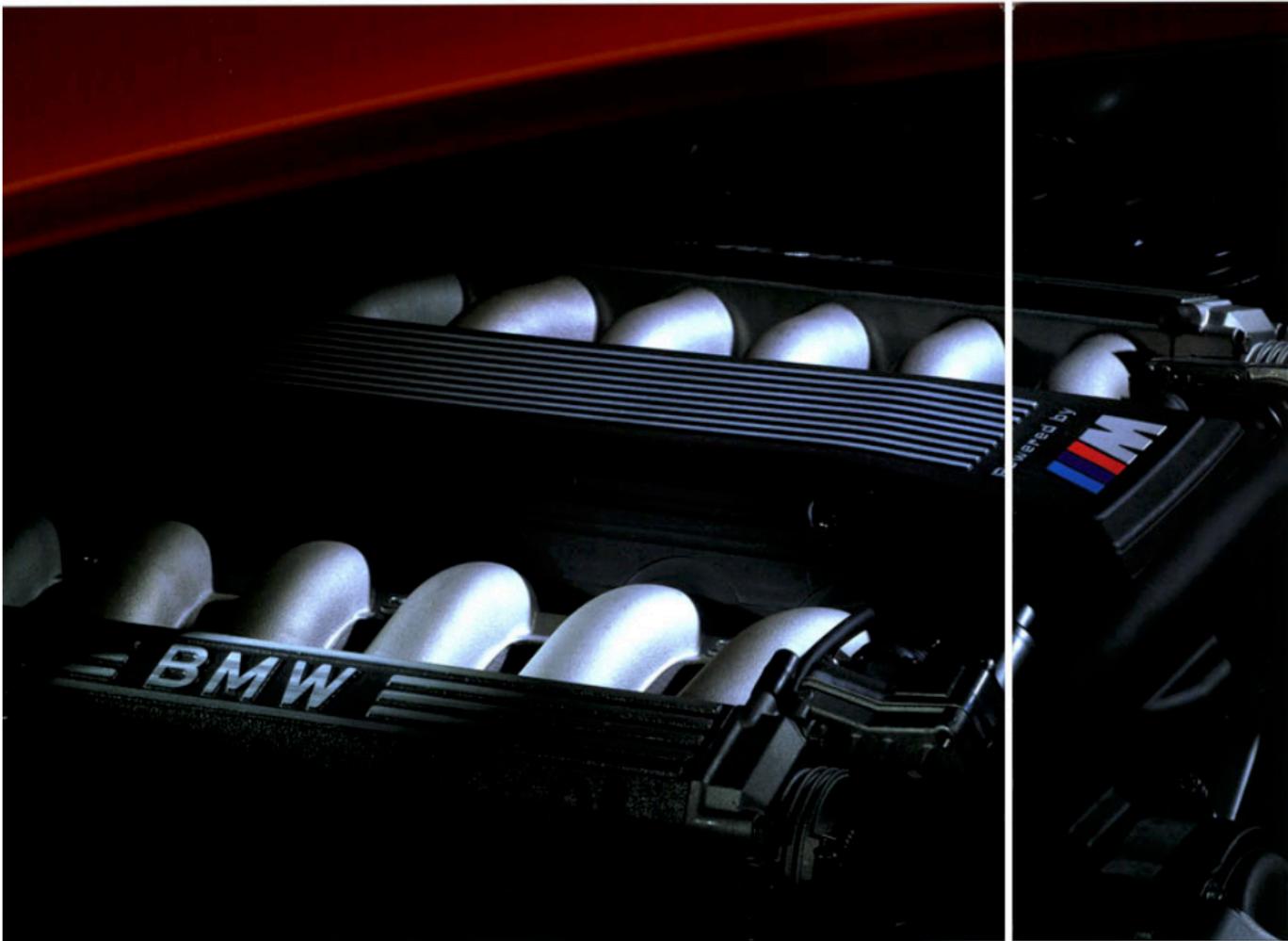
The exclusive class of the BMW 8 Series coupé results, *inter alia*, from a unique standard of function benefitting from superior ergonomics. And it is characterised by the most supreme design featuring exquisite, first-class materials.

Ensuring efficient and relaxed interaction of man and machine, the driver-oriented cockpit offers ideal conditions

for exclusive motoring pleasure. The result is a combination of style and function that's simply sensational.



Supreme motoring refinement is also a question of engine technology. BMW power units excel through their turbine-like running smoothness and shattering performance, thus contributing significantly to the car's high standard of active driving safety resting on the secure foundation of the 8 Series' outstanding suspension.

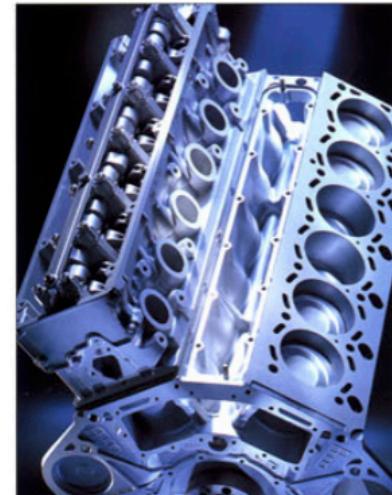


The V12 power unit tailored by the specialists at BMW M GmbH exactly to the require-

ments of the 850CSi excels through supreme torque and almost inexhaustible perform-

ance reserves, thus establishing a new milestone in 12-cylinder technology.

The outstanding 5.4-litre 12-cylinder powering the 850Ci.



Digital Motor Electronics (DME) featured by BMW is the epitome of innovative, future-oriented engine management. Achieving the highest standard of precision, DME controls, monitors and masterminds all engine functions such as the ignition, fuel injection, oxygen sensors, and many other items. Accordingly, DME ensures superior fuel efficiency and very good emission control under all running conditions.

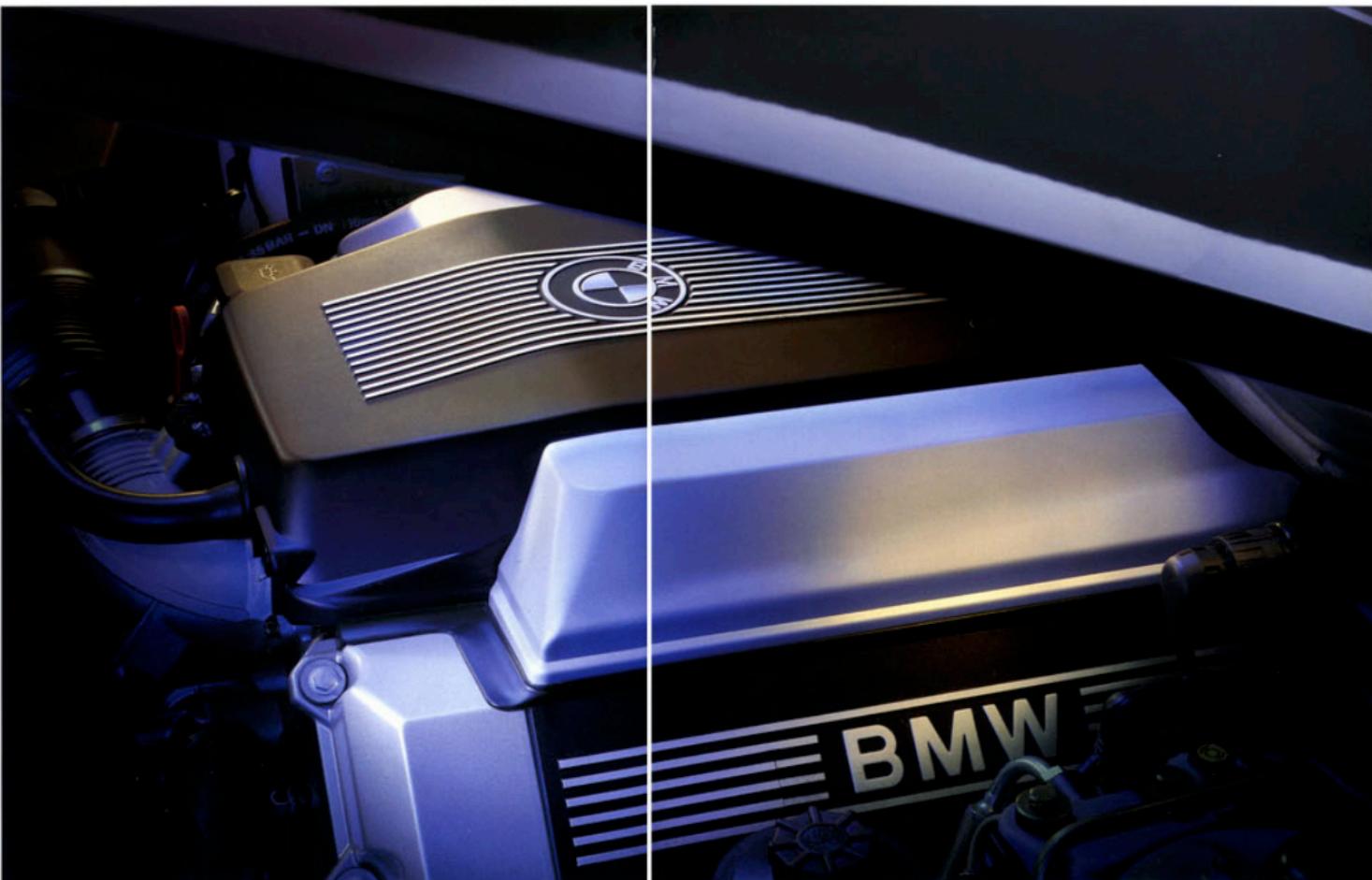
Electronic engine power control (EPC) replaces the conventional mechanical link between the accelerator and throttle butterfly and uses electronic control instead. As a result, engine power is dosed even more sensitively, regardless of the accelerator position: Should the wheels threaten to spin in a fast bend, for example, EPC automatically reduces engine power. Being part of the on-board electronic management system, EPC is also able to provide an automatic cruise control function.

Cylinder-specific knock control acts against any factors which might have a negative influence on the combustion process. Low-grade fuel or very high ambient temperatures, for example, make the pressure and temperature in the combustion chamber increase considerably, the engine therefore starting to knock. This is registered by knock sensors, the signal generated in this way being transferred directly to the Digital Motor Electronics (DME), which, within fractions of a second, will redefine the ignition angle and timing for each cylinder. The result is a smooth combustion process in all cylinders and at all times, the engine being able to run efficiently and without problems on virtually all grades of fuel.

Innovative engine technology makes the seemingly impossible possible: to develop more power on a lot less fuel. Our latest example of this outstanding ability is the new, state-of-the-art 8-cylinder displacing 4.4 litres.

Technology Guide

Steptronic transmission offers you the individual choice of ATM automatic gearshift or a direct, manual gearbox. When overtaking, for example, you enjoy optimum flexibility while on winding roads you can adjust gearshift behaviour to your personal style of motoring.



The new 8-cylinder power unit displacing 4.4 litres in the BMW 840Ci ensures even more drive comfort, improved engine noise management, and enhanced fuel economy, at the same time offering the very best in flexibility, performance and low cost of ownership. This is

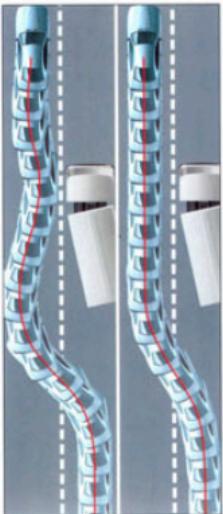
attributable not only to the increase in engine size, but also to the fine tuning of the camshafts and valve drive, the engine cooling system geared to specific motoring requirements, and the new electronic engine management.

Steptronic transmission in the 840Ci and 850Ci combines the benefits of ATM automatic transmission with the freedom of a manual gearshift. To activate the automatic transmission, leave the selector lever in position "D", to choose the automatic sports program revving the engine up to higher speeds, move the lever to position "S". In the automatic transmission mode, ie, with the selector lever in positions "D" or "S", Adaptive Transmission Management (ATM) considers all relevant factors to select the best possible gear, learning by itself in the process. To recognise the driver's personal style of motoring, for example, ATM constantly evaluates the position and operation of the gas pedal. It compares drive forces and wheel spin and adjusts the gearshift to "normal", "winter" and "hill/setting off" road conditions. ATM even considers the current driving situation, in this way avoiding unnecessary gearshifts, eg in stop-and-go traffic or bends.

For individual selection of gears, briefly move the selector lever forward from position "S" in order to shift up, and backward from "S" in order to shift down. The gear you have selected will in each case be shown in the instrument cluster. And when you want to move back to automatic, just push the lever to the right to position "D".

The camshafts with eccentrically displaced intermediate segments largely compensate for any imbalance caused by the valve drive system. Since this dispenses with the need for additional compensation shafts, the result is excellent smoothness with minimum weight.

Contrary to conventional power steering, **Servotronic** offers power assistance as a function of your actual road speed, and not as a function of engine speed. The advantage is particularly efficient power assistance for example when parking, with the servo effect decreasing at higher road speeds.

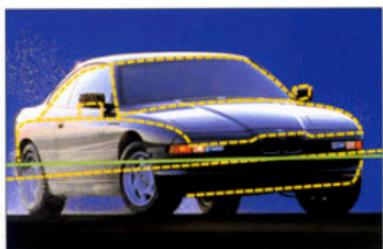


Whenever required in unforeseeable, extreme situations, active rear axle kinematics (ARAK) offers an unprecedented level of stability on the road. Part of the dynamic driving system featured as standard on the 850CSi, ARAK helps to

give you exemplary safety even in the most difficult situations.

Active rear axle kinematics (ARAK) in the 850CSi offers an even higher standard of active safety by its "intelligent" control of the car's suspension: With the rear wheels having an active steering effect, the risk of the car swerving out of control, for example in a sudden manoeuvre or when changing the position of the steering in a bend, is avoided nearly altogether. Monitoring the movement of the steering wheel and the speed at which the car is travelling, active rear axle kinematics calculates the optimum steering angle and moves the rear wheels accordingly by means of electrohydraulic control. As a result, ARAK offers a significant improvement in driving stability in a sudden manoeuvre, like ABS when applying the brakes. And quite generally, a car equipped with active rear axle kinematics will follow the driver's instructions more precisely and predictably also under normal conditions.

Electronic Damper Control (EDC) adjusts automatically to changing driving conditions and road surfaces. The result is extreme comfort and driving safety at all times.



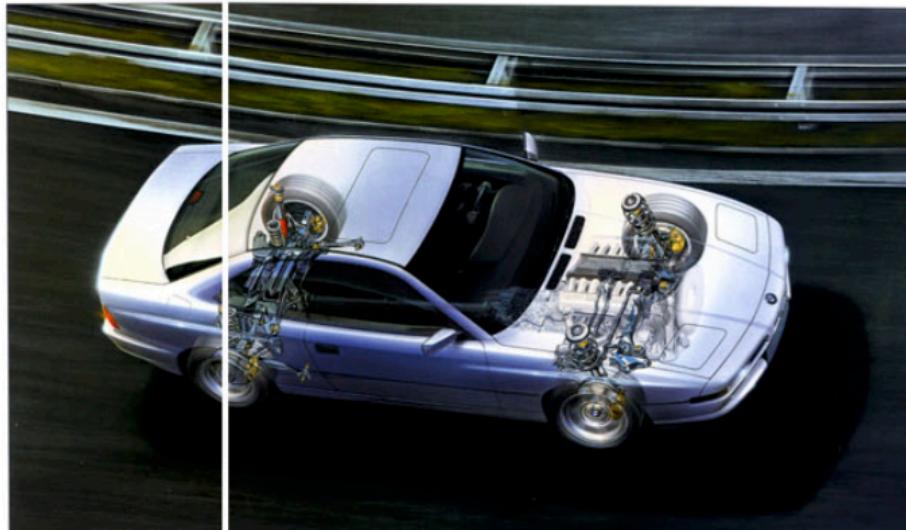
Electronic Damper Control (EDC) available as an option on the 840Ci and 850Ci serves to provide extra safety and motoring comfort in one by automatically adjusting the dampers to different road, load, and driving conditions. Monitoring all movements of the car, an electronic control unit determines the optimum level of damper forces: When setting off, applying the brakes and in steering manoeuvres, damper forces are increased, when travelling at a constant speed, they are reduced in the interest of greater motoring comfort. Apart from this automatic adjustment process, you can also choose a harder, firmer setting at the touch of a button.



The suspension is further enhanced by Automatic Stability Control + Traction (ASC + T) for even greater safety, for example on slippery roads or in tight bends on routes through the mountains.



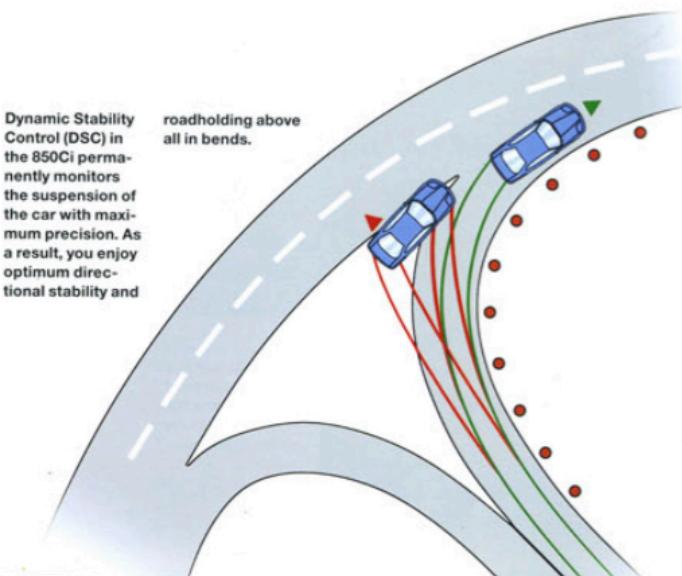
The sophisticated multi-arm integral rear axle guarantees supreme motoring and excellent handling in every situation.



Driving safety and motoring comfort of the highest calibre. Thrilling supremacy wherever you go is provided by the unique suspension combining a double-joint spring strut front axle with BMW's multi-arm integral rear axle. Driving characteristics are therefore excellent in all situations, roll comfort and noise control are enhanced to the highest standard.

Dynamic Stability Control (DSC) in the 850Ci permanently monitors the suspension of the car with maximum precision. As a result, you enjoy optimum directional stability and

roadholding above all in bends.



Automatic Stability Control + Traction (ASC + T) prevents the wheels from spinning and guarantees optimum stability on the road. Up to speeds of 40 km/h or 25 mph, Traction Control (T) builds up additional brake forces. And since the left and right wheel are braked independently of one another, ASC + T acts like a limited-slip differential varying its locking effect from 0 to almost 100 per cent. Whenever the risk of the wheels spinning presents itself at higher speeds, engine management reduces drive forces to keep the car fully stable even in such a situation. A further point is that ASC + T may be deactivated where necessary, for example to provide wheel spin where desirable (eg when the car is snowbound or running on sand, etc.).

Going even further than ASC + T, **Dynamic Stability Control (DSC)** in the 850Ci ensures superior driving stability above all in bends. Monitoring wheel rotation speed, steering wheel movements and road speed, this sophisticated system recognises lateral acceleration and the risk of the wheels spinning right from the start. Then, like ASC, DSC intervenes in the engine management system, reduces drive power, and helps to keep the car stable and on course.

Ellipsoid headlights for the low beam and foglamps work in principle in the same way as a slide projector. The only difference is that the slide is replaced by a diaphragm giving the light beam exactly the contours required for optimum illumination of the road ahead, light therefore being literally projected on to the road. The advantages of this system are even better illumination of the road ahead, better illumination to the sides, and minimisation of any self-dazzling effect. The bottom line is that you can see pedestrians, cyclists, road signs and marks even more clearly than before.

The experience is simply indescribable the minute you take your seat in the BMW 8 Series. You will be thrilled by the driver-oriented design of the cockpit and the exclusive range of comfort amenities. For what this means in practice is both a relaxed and a dynamic style of motoring, whatever you prefer.

The on-board computer gives you all the information you need quickly and efficiently – for example the outside temperature or your estimated time of arrival.



Technology Guide

In the event of an accident, the **crash sensor** switches on the interior lights and hazard warning flashers. It also deactivates the central locking, allowing helpers to get into the car more quickly in the event of an emergency.

BMW's F.I.R.S.T. (Fully Integrated Road Safety Technology) safety concept ensures optimum interaction of all safety features essential for comprehensive protection on the road: active and passive safety, protection of the vehicle itself and of other road users.

Driver and front passenger airbags make a significant contribution to your passive safety. Once a collision exceeds a defined minimum impact, sensors activate the airbag ignitors, inflating the airbags within milliseconds and softly cushioning the driver and front passenger. For safety reasons it is important that the passenger also wears his seat belt and keeps adequate distance from the glove compartment. Another point is to observe the directions for use when fitting child restraint systems on the passenger's seat.

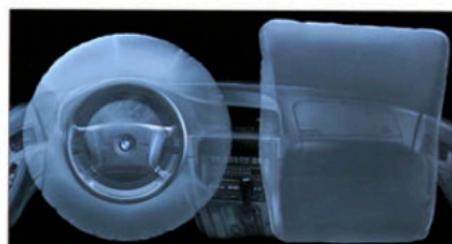
The **constant-pressure screenwiper system** adjusts screenwiper pressure on the driver's side as a function of road speed, ensuring clear visibility for greater safety.

On-board diagnosis is one of the functions of DME. Its task is to recognise deficiencies at an early point in time before they can do any harm. Signals indicating impending or sudden defects are memorised electronically and can then be displayed on the screen of the BMW Diagnostic Information System for exact evaluation by your BMW partner.



Top-quality materials and perfect finish characterise the interior of the BMW 8 Series from top to bottom. Body-contoured seats with electrical adjustment as a standard feature offer freedom of space and excellent side support. And they significantly outperform even the strictest safety requirements applied by law, for example thanks to the seat-integrated belt system.

Exclusivity to the last detail is ensured by a luxurious range of features with even the on-board computer and automatic air conditioning fitted as standard. And at the same time our concept of the ultimate automobile is reflected by the user-friendly design of all controls and instruments.



Fitted as standard, the driver and front passenger airbags cushion your head and upper body safely and softly in a frontal collision. And to avoid repair costs, the front passenger's seat features a seat occupation detector, so that the airbag can only be activated if the seat is occupied.

The **memory function for electrically adjusting the driver's seat** allows you to retrieve any of three different seat positions and the appropriate position of the headrest and rear-view mirrors. All you do is press a button for the various settings memorised electronically.

The **seat-integrated belt system** on the extremely stable driver and front passenger seats developed especially for the 8 Series reduces forces acting on the occupants in a collision by more than 50 per cent compared with a conventional system. And at the rear the ergonomic belt system guarantees ideal belt geometry for occupants of virtually any size. The belts prevent your body from moving to the inside in a side-on collision and can easily be tightened with one hand.

Check/Control monitors all major functions and shows their condition or any deviation from proper operation. The lights are even checked when not switched on, information being presented once again by the display in the instrument cluster and supported by a sound signal, depending on the priority level of the message to be communicated.

The **on-board computer** offers the driver helpful information such as his average fuel consumption and average road speed, the distance to his destination, the distance he can still cover on the fuel in the tank, and the estimated time of arrival. All information may be retrieved at any time while on the road simply by pressing a button on the direction indicator lever, the data required then being shown by the display in the centre console and in the instrument cluster.

Also fitted as standard, **automatic air conditioning with microfilter** allows the driver and front passenger to choose their own air flow and volume on either side of the car. This automatic control and individual air distribution quickly gives you the temperature you prefer.



With the seat-integrated belt system all three belt pivot points move together with the seat when adjusted. As a result, you always have optimum restraint and protection regardless of your size and seating position.

To obtain additional storage space, simply tilt forward one or both backrests at the rear.



Finished in top-quality soft velour, the luggage compartment offers ample space for two complete sets of BMW golf bags.



Fully driver-oriented in its design, the cockpit meets the highest demands in every respect: All primary information is right in the driver's line of vision and is shown clearly and unmistakably.



Waiting for your command: The electronic immobiliser will start the engine of your BMW only after verifying the code on the key of your car.

which is then maintained consistently. And apart from automatic control, the air conditioning may of course also be controlled manually.

Automatic air recirculation (AAR) makes sure that harmful substances in the air do not get into the passenger compartment. Detecting substances such as carbon monoxide, nitric oxide and ethanol, the system automatically switches the heater and air conditioning to air recirculation for a certain period whenever the level of pollutants becomes excessive.

With **auxiliary ventilation** and **auxiliary heating** available as an option, you can maintain temperatures at the level desired in the passenger compartment without even running the engine. Both systems may be programmed in advance by the on-board computer.

The **electronic immobiliser** safeguards your car with unique efficiency: The ignition key comprises an electronic code function based on your own, permanent personal code and a second code modified by the electronic immobiliser every time the engine is fired. Immediately when switching on the ignition, this "intelligent" system first reads your personal code and then checks the individual code varied each time. If both responses are accepted, the immobiliser transfers a coded signal actuating the Digital Motor Electronics (DME). Without this signal the engine cannot be started, not even by short-circuiting. The energy required for exchanging data in the manner described is conveyed by a transponder in the steering wheel lock, i.e., through a wireless connection. Should the battery of the remote control key run flat, you can obviously still unlock the doors and start the engine. If, finally, you one day lose your key, you can have it cancelled by your authorised BMW partner and you will receive a replacement key immediately.

BMW Individual is our vision of the ultimate automobile tailored to its owner like a perfect suit. It is a philosophy which allows you to create your very own, personal BMW. A one-off driving machine built to your individual order, in accordance with your personal wishes and requests. The result is an automobile designed consistently to satisfy your taste and preferences in every respect.



Apart from exclusive paintwork, BMW Individual allows you to upgrade the interior of your car with virtually any material you would like – provided it complies with our strict quality requirements. And you have the same freedom of choice when it comes to the colours you prefer. Instead of opting for leather all round, you may for example achieve a very special effect inside your 8 Series through a harmonious combination of various materials. Or you can install various electronic units such as a fax machine. When fitting the most sophisticated computer and communication systems, BMW Individual keeps a close eye on practical functionality and full maintenance of all safety standards. In all questions regarding the indi-

vidualised design of your BMW 8 Series, you naturally have the support of our experienced specialists able to offer you advice and suggestions.

The unique profile of the BMW 8 Series coupé is ensured not only through BMW Individual with its exclusive range of options and amenities. For there is also a wide range of special equipment carefully tailored to the car and fulfilling your most personal demands in terms of comfort, performance, safety, and exclusivity.

The leather sports steering wheel with airbag adds a sporting touch to

the interior of the car. Very attractive in its three-spoke styling, the steer-

ing wheel offers you perfect grip at all times.



Top-quality wooden trimming, for example in high-gloss bird's eye maple, gives the interior particular flair.

Over and above the light-alloy wheels fitted on your BMW 8 Series as standard, you also have the choice of particularly sophisticated two-piece light-alloy wheels in classic cross-spoke styling for a highly exclusive touch.



The BMW D-net car telephone keeps you in touch efficiently not only in Germany, but in most other European countries, too.



Service BMW-style. The high standards we apply to our cars and their technical qualities also apply to the service we offer our customers.

Our first and foremost objective in this context is to offer our customers first-class, personalised service. For we know that only customers satisfied in every respect with the service provided will remain our customers in the long run.

Reliable and economic service BMW-style starts with the development of our cars. Through easy-to-repair design concepts and sophisticated technical systems such as the BMW Service Interval Indicator and BMW on-board diagnosis. After you have purchased your

car, your BMW partner will continue to offer you the customer service you rightly expect. Highly qualified specialists and workshops with the most advanced equipment guarantee exemplary service quality – for example by using the most advanced electronic systems to diagnose the specific condition of your car. And data stored within your car's electronic memory is reliably evaluated by the BMW Diagnostic Information System when you go to the workshop, allowing rapid and low-cost repair

and maintenance. It almost goes without saying that your BMW workshop uses only Original BMW Parts ensuring quality, reliability and an accurate fit true to BMW's supreme standard. Which is precisely why your BMW partner gives you a 12-month warranty on the work done and the parts used. The benefits of a strong partnership with BMW are of great significance in other areas, too. For our emergency service is always there to help you when you need assistance. And BMW service



mobiles are out on the road in many countries to take care of your car whenever the need arises.

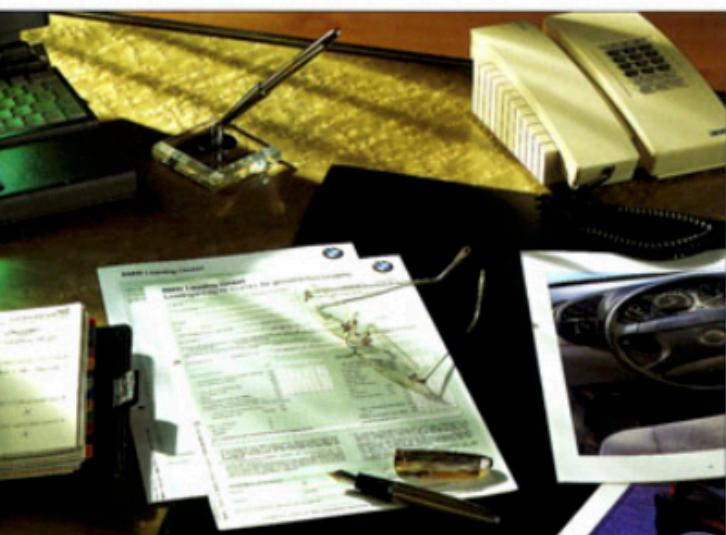
Whether you need a car for private purposes or business, BMW finan-

cing guarantees a consistent interest rate in line with general terms

in the market. And you decide yourself on the level of monthly instal-

ments for your new BMW, depending on whether and for what amount you wish to make a down payment and which period you choose between 12 and 72 months. BMW net leasing even gives you the option to pay only for your actual use of the car. You do not even have to take care of selling the car afterwards, since you simply return it to your BMW partner upon expiry of the agreement. As a convenient alternative to your

company car, we also offer you BMW service leasing taking care of virtually all maintenance and repair requirements as well as your motor insurance. For further information on the numerous financing and leasing options we have to offer, just contact your BMW partner who is also able to provide special brochures.



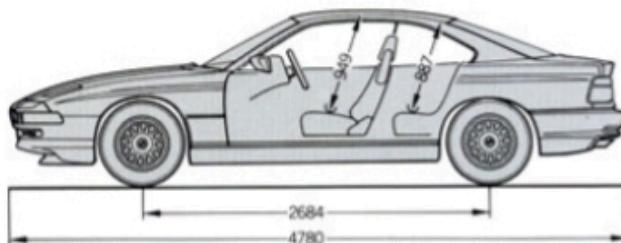
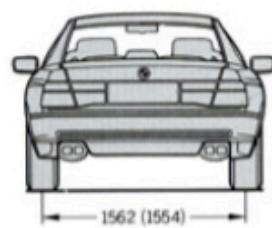
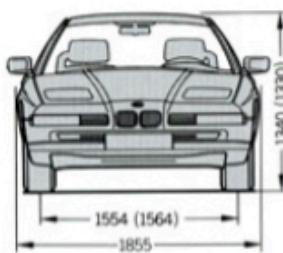
Standard equipment.

	840CI	850CI	850CSI
Safety			
Active rear axle kinematics (ARAK)			●
Airbag for driver and front passenger, seat occupation detector on passenger's seat	●	●	●
Alarm system with tilt angle alarm, radio surveillance of the interior and siren operating on emergency power including remote control, electronic immobiliser	●	●	●
Anti-lock brake system (ABS)	●	●	●
Automatic Stability Control + Traction (ASC + T)	●		
Automatic Stability Control + Traction (ASC + T) with limited-slip differential (25 % locking action)			●
Brake light, third	●	●	●
Brakes:			
- Swing-calliper disc brakes at the front, four-piston technology, inner-vented	●	●	●
- Swing-calliper disc brakes at the rear	●	●	●
- Twin-circuit brake system with hydraulic brake servo	●	●	●
Crash sensor	●	●	●
Crumple zones front and rear, integral side impact protectors	●	●	●
Dynamic Stability Control (DSC)		●	
Parking protection, all-round	●	●	●
Seat belts:			
- Automatic adjustment of seat belt height and headrest level as a function of seat height adjustment	●	●	●
- Ergonomic belt system at the rear	●	●	●
- Seat-integrated belt system at the front	●	●	●
Servotronic	●	●	●
Engine			
Camshafts with integral mass compensation	●		
Cylinder-specific knock control	●	●	
Crankcase and cylinder heads made of aluminium, cylinder head covers made of magnesium	●		
Digital Motor Electronics (DME) with hot-film air mass metering	●		
Digital Motor Electronics (DME) with hot-wire air mass metering, one DME unit for each row of cylinders		●	●
Eight-cylinder light-alloy power unit with four valves per cylinder	●		
Electronic engine power control (EPC)		●	●
EPC control maps with two individual driving programs either for a sporting or a more comfortable/economical style of motoring			●
Fully sequential fuel injection	●	●	●
Gear-specific limitation of engine speed			●
Intake manifolds made of glass fibre-reinforced polyamide	●		
Metal-based catalytic converter with two separate catalyst pipes, heated oxygen sensors, activated carbon filter, controlled tank purge	●	●	●
On-board diagnosis	●	●	●
Solid-state distributor system	●	●	
Twelve-cylinder light-alloy power unit	●	●	
Transmission/suspension			
Anti-roll bars and gas-pressure shock absorbers front and rear	●	●	●
Double-joint spring strut front axle	●	●	●
Final drive cooling			●
Multi-arm integral rear axle	●	●	●
Six-speed manual gearbox with direct transmission in sixth gear	● ¹⁾		●
Steptronic with five-speed automatic transmission and Adaptive Transmission Management (ATM)	● ¹⁾	●	
Exterior features			
Bumpers front/rear in body colour, fully regenerating to their original position in impacts at up to 6 km/h (4 mph)	●	●	●
Constant-pressure screenwiper system, intermittent wipe related to road speed	●	●	●
Direction indicator lights at the side	●	●	●
Green heat-insulating glass all round, windows flush with body	●	●	●
Light-alloy wheels	●	●	●
Low-beam headlights and foglamps in ellipsoid technology	●	●	●
Metallic paintwork		●	●
Pop-up headlights	●	●	●
Rear-view mirrors, lock on driver's door and screenwasher nozzles electrically heated	●	●	●
Rear-view mirrors in body colour	●	●	●

¹⁾ Optional at no extra cost.

Interior features	840Ci	850Ci	850CSi
Aerial with diversity technology integrated in rear window	●	●	●
Automatic air conditioning, CFC-free, with microfilter	●	●	●
Auxiliary ventilation	●	●	●
BMW toolbox inside luggage compartment lid	●	●	●
Carpet in high-quality soft velour	●	●	●
Central locking of doors and luggage compartment by remote control	●	●	●
Chrome-plated door cutout embellishment	●	●	●
Closing function of side windows and optional sliding/vent roof, automatic, as of a road speed of approx 150 km/h (90 mph)	●	●	●
Comfort opening of side windows and of optional sliding/vent roof by remote control, comfort opening and closing from door lock	●	●	●
Cruise control		●	●
Door and side panel inserts in nappa leather	●	●	●
Door lights in door cutouts at the front	●	●	●
First-aid kit in fold-away storage box between seat backrests at the rear	●	●	●
Front seats in sports design, electrically adjustable and with multi-zone foam padding resting on steel base springs, including adjustment of the seat bottom on the driver's seat	●	●	●
Gearshift lever knob and gaiter/selector lever knob and gaiter finished in leather	●	●	●
Handbrake lever knob and gaiter in leather	●	●	●
Heating of driver's and front passenger's seats		●	●
Individual body contour of rear seats	●	●	●
Instrument cluster, speedometer and rev counter with analogue face, LCD mileage counter, Check/Control	●	●	●
Instrument cluster with red indicator needles		●	●
Leather upholstery in natural-grain nappa leather on the seats, including inserts in the door and side linings		●	●
Luggage compartment capacity 320 ltr (11.2 cu ft) (to VDA standard)	●	●	●
Map reading lights at the front	●	●	●
Multi-Information Display (MID)	●	●	●
Multiplex technology for instruments, body electrics, and door functions	●	●	●
On-board computer	●	●	●
Radio BMW Business RDS with four loudspeakers	●	●	●
Rear seat backrests folding down separately to provide interior luggage space	●	●	●
Seat covers in flock velour	●	●	●
Side windows frameless	●	●	●
Side windows moving up and down automatically by approx 6 mm when opening and closing doors	●	●	●
Ski-bag	●	●	●
Spare tyre with standard dimensions	●	●	●
Steering column adjustment, electrical, with easy access		●	●
Steering column manually adjustable for reach	●	●	●
Torch, self-charging, in glove compartment	●	●	●
Vanity mirrors, illuminated	●	●	●
Window lifts front and rear, electric, with fingertip operation and trap release at the front	●	●	●

Specifications.



All dimensions in millimetres. Figures in () apply to the 850CSi.

Weight

		840Ci	850Ci	850CSi
Unladen *	kg	1855 [1895]	1955	1975
Max permissible	kg	2200 [2240]	2300	2340
Permitted load	kg	420	420	440
Permitted axle load front/rear	kg	1100/1190	1140/1195	1150/1230
Permitted roof load	kg	75	75	75
Permitted trailer load, unbraked	kg	750	750	-
Permitted trailer load, braked, with a max gradient of 12 %	kg	1675	1675	-
Permitted trailer load, braked, with a max gradient of 8 %	kg	1875/2075 *	1875/2075 *	-

Engine *

		840Ci	850Ci	850CSi
Cylinders/valves		8/4	12/2	12/2
Capacity	cc	4398	5379	5576
Stroke/bore	mm	82.7/92.0	79.0/85.0	80.0/86.0
Max output	kW/bhp/rpm	210/286/5700	240/326/5000	280/381/5300
Max torque	Nm/lb·ft/rpm	420/310/3900	490/361/3900	550/405/4000
Compression ratio	:	10.0	10.0	9.8

Transmission

Standard gearbox ratios I/II/III	:	4.23/2.51/1.67	3.55/2.24/1.54	4.25/2.53/1.68
IV/V/VI/R	:	1.23/1.00/0.83/3.75	1.00/0.79/-3.68	1.24/1.00/0.83/3.89
Final drive ratio	:	2.93 [2.81]	2.81	2.93

Performance

Drag coefficient	Cd	0.29	0.29	0.31
Top speed *	km/h	250	250	250
Acceleration 0-100 km/h	sec	6.6 [7.1]	6.3	6.0
standing-start km	sec	26.2 [27.3]	26.1	25.5
Acceleration 80-120 km/h in fourth gear (with standard transmission)	sec	6.3	-	5.9

Fuel consumption **

In town	ltr/100 km	19.7 [20.9]	21.1	27.2
Out of town	ltr/100 km	9.3 [9.7]	9.9	12.6
Overall	ltr/100 km	13.1 [13.8]	14.0	18.0
CO ₂ emissions	g/km	313 [329]	333	429
Tank capacity, approx	ltr	90	90	90

Wheels

			front:	rear:
Tyre dimensions		235/50 R 16 95 W	235/50 R 16 95 W	235/45 ZR 17 265/40 ZR 1
Rim dimensions		7 1/2 J x 16	7 1/2 J x 16	8 J x 17 9 J x 17
Material		Light alloy	Light alloy	Light alloy (forged)

Electrical system

Battery capacity	Ah	130	130	130
Alternator output	A/W	140/1960	140/1960	140/1960

* In accordance with the EC standard, the figures shown include 68 kg driver weight and 7 kg luggage. Unladen weight applies to vehicles in standard trim. Special equipment may increase this figure.

** The figure shown applies to boat trailers, glider transport trailers, horse transport boxes and car trailers.

† Engines with knock control are designed for ROM 95 fuel. Use of ROM 98 fuel reduces consumption under normal conditions and increases engine power accordingly. On ROM 91 fuel engine power decreases and fuel consumption is higher.

‡ Electronically limited.

** Starting in 1996, fuel consumption is determined according to the ECE driving cycle made up of approximately two-thirds city traffic and one-third overland driving. Fuel consumption at a steady speed is no longer shown, greater emphasis is given to acceleration. A further point is that measurements start with the engine cold. The result of this new procedure is an increase in fuel consumption ratings over the previous DIN 70030 figures. CO₂ emissions are measured in addition to fuel consumption as such. All BMW engines already comply in full with the EU II standard.

Figures in [] apply to automatic transmission in the 840Ci.

Special equipment.

	840Ci	850Ci	850CSI
Automatic air recirculation (AAR)	●	●	●
Automatic transmission: five speed EH, with Adaptive Transmission Management (ATM) and Steptronic	● ^a		
Auxiliary heating	●	●	●
Brake light, third, dropped	●	●	●
Car telephone, D-net	●	●	●
Cassette rack	●	●	●
CD changer (BMW 6 CD system)	●	●	●
Color Line	●	●	●
Cruise control	●		
Electric heating of driver's and front passenger's seats	●	●	
Electronic Damper Control (EDC)	●	●	
Foot mats in velour	●	●	●
Green stripe on windscreen and rear window	●	●	●
Headlight washer system with intensive cleaner	●	●	●
HiFi loudspeaker system	●	●	●
Interior rear-view mirror with automatic anti-dazzle effect (electrochromatic)	●	●	●
Lumbar support on driver's and front passenger's seats	●	●	●
Metallic paintwork	●		
Model designation, dropped ^a	●	●	●
Radios, range of	●	●	●
Seat adjustment, electric, with memory function on driver's seat	●	●	●
Sliding/vent roof, electrically operated	●	●	●
Six-speed manual gearbox with direct transmission in sixth gear	● ^a		
Sports seats with adjustable thigh supports and electric seat adjustment	●	●	●
Sports suspension: M, incl limited slip differential	●	●	
Steering column adjustment, electrical, with easy access	●	●	
Steering wheel: leather sports steering wheel with airbag	●	●	●
Steering wheel: M leather steering wheel with airbag	●	●	
Sunblind on the rear window, electrically operated	●	●	●
Upholstery: individual leather finish	●	●	●
Upholstery: natural buffalo leather	●	●	●
Upholstery: natural-grain nappa leather	●	●	
Wheels: composite light-alloy wheels in cross-spoke styling, 17-inch	●	●	●
Wheels: forged light-alloy wheels in M parallel-spoke styling, 18-inch			●
Wheels: light-alloy wheels in turbine styling, 16-inch	●	●	
Wooden trimming in high-gloss bird's eye maple	●	●	●
Wooden trimming in top-quality yew	●	●	●

^a Optional at no extra cost.

Options and special equipment are available fully installed ex works. To meet any further requests you might have, we offer a wide range of BMW accessories developed by BMW and in BMW quality. Both these accessories as such and their installation are covered by our full works warranty. For further information, please contact your BMW partner, who can offer you helpful advice and brochures on our options and special equipment.

The models illustrated in this brochure show the specifications for the German market. In part, they include optional equipment and accessories not fitted as standard. According to the specific requirements of other markets, alterations in models, standard and optional equipment, as described in the text and illustrations, may occur. For precise information, please contact your BMW partner. Subject to change in design and equipment.
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Exterior and interior colours.

- Particularly harmonious colour combinations.
- Colour combinations available.

Experience shows that the actual colour of the paintwork and upholstery cannot be truly rendered on paper. We therefore advise you to inspect the original colours with your BMW partner, who will be happy to provide further assistance.

*Special equipment on the 840Ci. * Not available on the 850CSI.

Materials.

Model	Standard		Optional		
	840Ci, 850Ci	850CSI	840Ci, 850Ci	840Ci, 850Ci, 850CSI	840Ci, 850Ci, 850CSI
Material	Fabric: flock velour		Natural-grain nappa leather	Natural buffalo leather	Natural-grain nappa leather, Color Line
Interior colours					
 Anthrazit	A5AT			P6AT * M6AT	
 Lotosweiss with Schwarz			N4LO *	-	
 Pergament hell			-	M5PH	
 Pergament			-	M5PE	
 Silbergrau	A5SL	-	M5SL		
 Silbergrau hell		-	M5SH		
 Silbergrau hell with Silbergrau *		N4SH *	-		
 Silbergrau dunkel with Schwarz *		N4SL *	-		
 Ultramarin		-	M5UL		
 Schwarz		N4SW *	M5SW		
 Barbadosgrün *					N1BD
 Calypsort *					N1CL
 Tobagoblau *					N1TA

* Code number applies to the 850CSI. * Seat side panels in Schwarz or Silbergrau.



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