

The BMW 3 Series Saloons



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Through its unmistakable profile, the BMW 3 Series saloon embodies a unique symbiosis of functional technology and modern aesthetic design. It is an automobile with truly exceptional looks based on elegant lines, harmonious proportions, and advanced styling.



Consistent implementation of a convincing concept: Modern dimensions,

clear lines, and a comfortable interior come together in a unique blend.



Introducing a concept still young today:
Providing an unmistakable blend of
discreet style and exclusive looks, the

BMW 3 Series stands out clearly as a
very special face in the crowd.





The successful interaction of proportions and body features shows

from all perspectives that the truly outstanding automobile is one all-

round unit. To us design is a powerful expression of quality.



Each detail meets the highest standards in terms of function. For example the loading

sill of the luggage compartment extending right down to bumper level.



An automobile built with technical skill and a passion for perfection: the BMW 3 Series saloon.

The dynamic driving qualities of the 3 Series saloon come out clearly both in city traffic and on country roads. Ensuring supreme handling and agility thanks to a suspension which combines exemplary safety with the highest standard of comfort. What more can you ask for as the foundation for superior driving pleasure?



Active safety: The high-performance suspension and patented central-arm rear axle provide a firm but

comfortable ride. The foundation for easy-to-control, absolutely neutral handling.



Wherever you go, supreme smoothness and noise control make

every journey – no matter how long – a genuine pleasure.



When moving off the beaten track,
enjoying agility and motoring comfort
as a thrilling experience on the road,

you will really appreciate the benefits of
a truly outstanding car.







Superior. With its harmonious blend of engine performance and suspension technology, the BMW 3 Series saloon - whether petrol- or diesel-powered - ensures fascinating dynamism and agility on the road. Features which more than satisfy your every-day motoring requirements and guarantee greater driving pleasure than ever before.



The focal point of everything we do is the driver. And you see this at first sight, for example when admiring the consistently ergonomic design of the cockpit. For we regard precisely this kind of design as an essential prerequisite for relaxed and safe motoring – and for a thrilling time at the wheel.



From its driver-oriented cockpit all the way to the perfect finish of top-quality

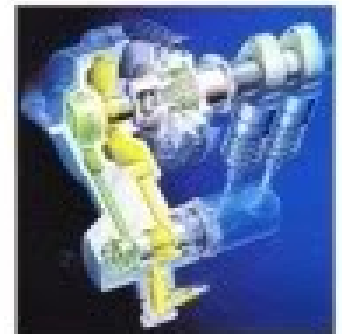
materials, the BMW 3 Series saloon offers you quality to the last detail.



Our definition of advanced engine technology is to offer the most efficient standard of driving pleasure. Through powerful, smooth and refined engines which excel also in terms of superior fuel economy. Engines which churn out dynamic power even at low speeds, while offering emission control that outperforms the toughest standards.

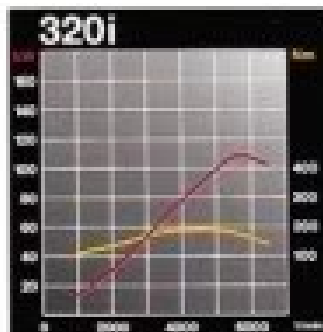
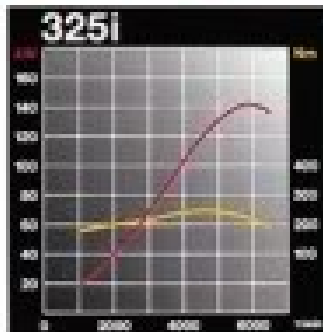


The power unit of the BMW 325i: An engine with outstanding performance reserves and silky-smooth refinement thanks to six cylinders in-line, computerised engine management, and four-valve technology. And an engine combining supreme muscle with modest fuel consumption.



An outstanding example of innovative engine technology: BMW's variable camshaft control (VANOS) substantially improves the six-cylinders'

torque curve, ensuring that power is developed even more smoothly and elastically throughout the entire speed range.



Supreme refinement and a consistent increase in torque characterise the six-cylinder power units displacing 2.5 and 2.0 litres, respectively.

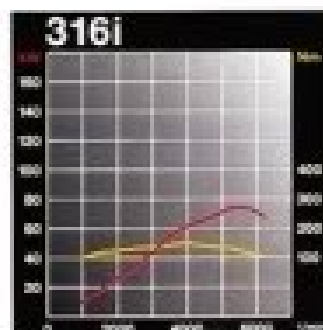
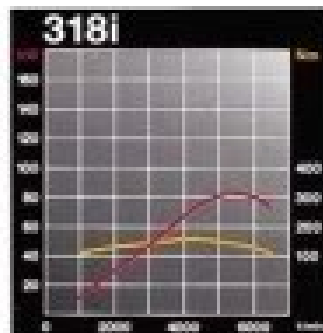


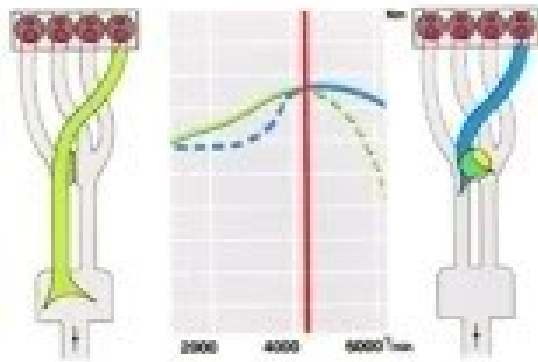
BMW's highly economical 1.8 and 1.6-litre four-cylinders: modern, smooth power

units combining remarkable performance with up-to-date fuel economy. Engines which require only a minimum of maintenance

thanks to their consistent improvement over the years.

The agile and highly efficient four-cylinders excel at all engine speeds through their responsiveness and steady surge of power.

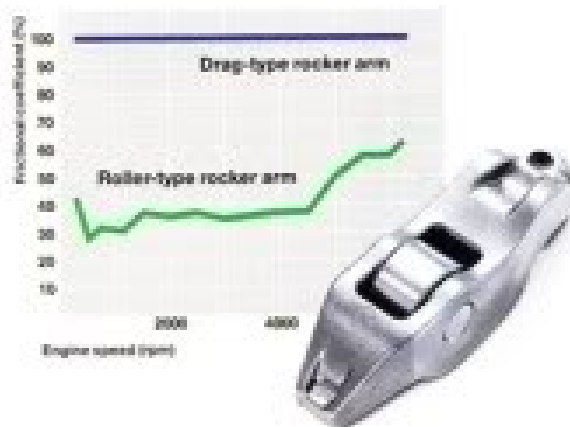




The individual-control intake manifold (ICIM) on

the 316i and 318i capitalises consistently on the laws of physics, providing superior torque at low engine speeds for the kind of performance a motorist requires these days. And then adding the final touch for supreme output at high engine speeds.

The modified valve drive system featuring roller-type rocker arms reducing friction on the camshaft by up to 60 per cent. The result of this superior technical solution is a considerable increase in fuel economy despite the superior power of the engine.



Cylinder-specific knock control gets the most out of the fuel consumed, ensuring that the engine works constantly with maximum efficiency.

Digital Motor Electronics (DME) controls all major functions of the engine and closed-loop catalytic converter. And it responds smoothly and accurately to all



changes within the engine, for example fluctuations in temperature. The result is once again maximum efficiency under all conditions.

Technology Guide

Digital Motor Electronics (DME) controls, monitors and masterminds all central functions such as the car's ignition and fuel injection, as well as numerous ancillary functions such as the oxygen sensor. As a result, DME guarantees optimum power and performance on minimum fuel and with enhanced emission control.

On-board diagnosis is one of the functions of DME. Its task is to recognise deficiencies at an early point before they can do any damage, defect reports therefore being electronically "memorised" and subsequently displayed on the screen of the BMW Service Tester. This facilitates the process of trouble-shooting and reduces the cost of maintenance to a minimum.

Variable camshaft control (VACC) uses data provided by DME engine management to hydromechanically adjust the intake camshaft by 13.5° as a function of engine speed. The intake valves are therefore opened at a later point at low speeds in order to improve idling quality and running smoothness. At medium speeds, in turn, the intake valves are opened earlier, thus providing much more torque and recirculating exhaust emissions within the engine in the interest of enhanced fuel economy and emission control. And at high engine speeds valve opening is once again retarded for maximum power.

The **individual-control intake manifold (ICIM)** helps to boost engine torque at low running speeds thanks to an increase in intake travel. At high speeds a connection pipe opens up between the intake manifolds, shortening intake travel in the interest of extra power.

Cylinder-specific knock control offers maximum power and performance on minimum fuel. As soon as the engine is about to knock, sensors inform the DME control system accordingly, which immediately modifies the ignition angle and timing.

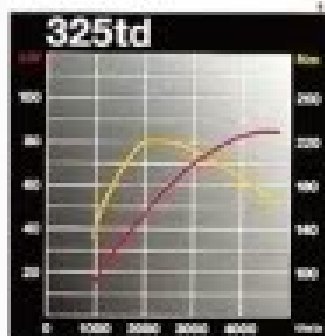
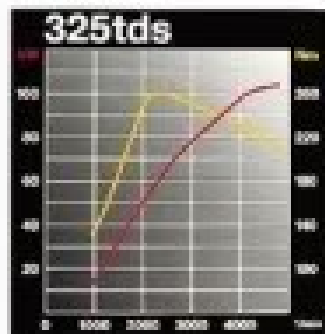
Digital Diesel Electronics

(DDE) controls the injection point and the amount of fuel delivered as well as turbo-charger pressure, thus offering an unprecedented standard of accuracy and fine tuning under all running conditions. The result is even greater economy, further improved motoring refinement, and an additional reduction of emissions.

The diesel engine applying the **turbulence-chamber principle** forces air at high speed into a spherical chamber next to the main combustion chamber. This generates an intense swirl effect, fuel then being injected right into the middle. The fuel/air mixture ignited in this way moves through a connecting duct to the main combustion chamber, where it burns together with the remaining air. Thanks to special, V-shaped troughs in the piston crown virtually all the fuel injected is burnt. And since the swirl effect in the turbulence chamber increases with increasing engine speed, the combustion process remains smooth and well controlled even at high speeds, making sure that the engine runs softly and smoothly throughout the entire speed range. A further advantage is that smoke in the exhaust emissions is reduced to a minimum thanks to the efficient use of air in the combustion process, emissions therefore remaining very clean and fuel economy being further enhanced.

The **turbocharger** increases engine output by using the energy in the exhaust emissions otherwise wasted to boost the engine and optimise the cylinder charge. And in conjunction with robust two-valve technology, the turbocharger ensures a smooth and harmonious power curve.

Incorporating a special heat exchanger, the **intercooler** cools the air drawn in and pre-compressed by the turbocharger before it passes on to the combustion chambers. The result is not only a further improvement in fuel efficiency, but also substantial output per



Impressive power even at low engine speeds: The up-to-date output curve of the BMW turbodiesel.



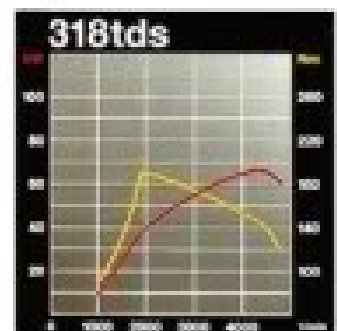
Brand-new but an old acquaintance all the same: Featuring turbocharger technology, a turbulence chamber, and intercooler, BMW's new



BMW's highly refined turbodiesels are not only fuel-efficient and long-lasting, but also smooth and dynamic as you would expect of a BMW. This applies both to the 325td and to the even more dynamic and powerful 325tds featuring inter-cooler technology.

Both diesels are 2.5-litre in-line six-cylinder units featuring, inter alia, turbocharger technology, a turbulence chamber, Digital Diesel Electronics, exhaust emission recirculation, and a diesel catalyst for superior output and exemplary emission control.

Highly progressive: Even at low engine speeds, the 318tds develops surprising torque



1.7-litre four-cylinder turbodiesel is extremely economical and ultra-smooth and refined all in one.

Forming a winning team together with the spring strut front axle, the patented central arm rear axle provides the foundation for a thrilling experience on the road and excellent motoring comfort. The special alignment of the wheels ensures very good directional stability and impressive safety reserves - an essential prerequisite for active safety BMW-style.



litre and extra torque - which is why the power unit featured in the 325tds is one of the most powerful diesels worldwide in its class. Further advantages of this performance technology are a reduction in fuel consumption and cleaner exhaust emissions.

Full encapsulation of the engine helps to keep BMW's turbodiesels very quiet at all times. At the top and at the sides the engine is surrounded by a specially structured fleece lining, at the bottom it is encapsulated by a sealing panel extending from the front spoiler to the rear end of the transmission.

Fitted as standard, the **diesel catalyst** helps to keep BMW's turbodiesels particularly clean and allows them to qualify as very low emission cars under German legislation.

The **two-mass flywheel** prevents even the least, unavoidable unsmoothness of the engine caused by firing pulses conveyed through the clutch to the transmission. As a result, no disturbing noise is able to reach the passenger compartment even at very low idling speeds.

The **central arm rear axle** is an elaborately designed multi-link configuration to save both weight and space. It rests on two track control arms and one longitudinal arm pivoting on the central base in the body of the car. Precise interaction of these arms ensures that the wheels remain firmly on the road, regardless of spring motion. The result is excellent directional stability, the elastic steering mounts even giving the axle a specific steering effect and providing additional stability in bends. The mounts also absorb even the smallest vibrations caused by bumps on the road and give the car excellent roll comfort and acoustic control.



The BMW 3 Series sets the standard in its class through its outstanding chassis

and suspension combining a firm ride with superior comfort, agility with safe handling. And the well-balanced

combination of track versus wheelbase as well as front-to-rear weight distribution of almost 50:50 ensure an

excellent blend of maximum safety and supreme comfort.

The **electronic/hydraulic (EH) automatic transmission** conveys power hydraulically from the engine to the gearbox, shifting automatically in accordance with current requirements and enabling the motorist to choose either a particularly economical (E) or a more sporting (S) style of driving. Designed for active motoring, the five-speed automatic transmission shifts back quickly whenever necessary even at high speeds in order to optimise the car's acceleration. The third program is specially conceived for motoring in winter (W), gear-shifts being particularly "soft" for driving on slippery ground and allowing you to start off smoothly without the wheels spinning. By contrast, the four-speed automatic transmission on the 316i, 318i and 325td retains the gear currently in mesh whenever running in program M, allowing you, for example, to start off smoothly in third gear, for example on snow or ice.

BMW's F.I.R.S.T. (Fully Integrated Road Safety Technology) safety concept combines all safety features to provide optimum results in every respect: active and passive safety, protection of other road users, and protection of the vehicle itself.

Active safety is ensured inter alia by the elaborately designed suspension and is further enhanced by the excellent brake system featuring ABS anti-lock brakes as standard.

Passive safety is guaranteed among other things by the safety bodyshell with its extreme torsional rigidity, crumple zones calculated and designed by computer, integrated side impact protection, as well as the driver airbag fitted as standard and the passenger airbag available as an option.

Crumple zones designed and calculated by computer serve to **protect other road users**, too. For like the partly recessed windscreen wipers and rounded body contours, these crumple zones minimise the effects of an accident also for



Modern comfort: The five-speed EH automatic transmission available for the 320i, 325i

and 325tds features no less than three different driving programs. As a result, you can choose either a sporting or more economical style of motoring, a further option being the winter program enabling you to set off particularly smoothly without the wheels spinning.



Highly efficient brakes with extra-large brake discs guarantee excellent stopping power even in extreme situations. And thanks to **ABS** fitted as standard, the driv-

er always remains in control, even when applying the brakes all-out.



To ensure extra safety and comfort on the road, the extremely stable bodyshell of the 3 Series saloon in terms of both torsional and flexural rigidity is tested on special test rigs.



other people and vehicles in road traffic.

Reversible impact absorbers and crumple units serve in particular to **protect the car itself**. Impact energy is absorbed in full in collisions up to 4 km/h or 2.5 mph, while in collisions up to 15 km/h or 9 mph damage is limited to the easily exchangeable crumple units, thus keeping the cost of repair to a minimum.

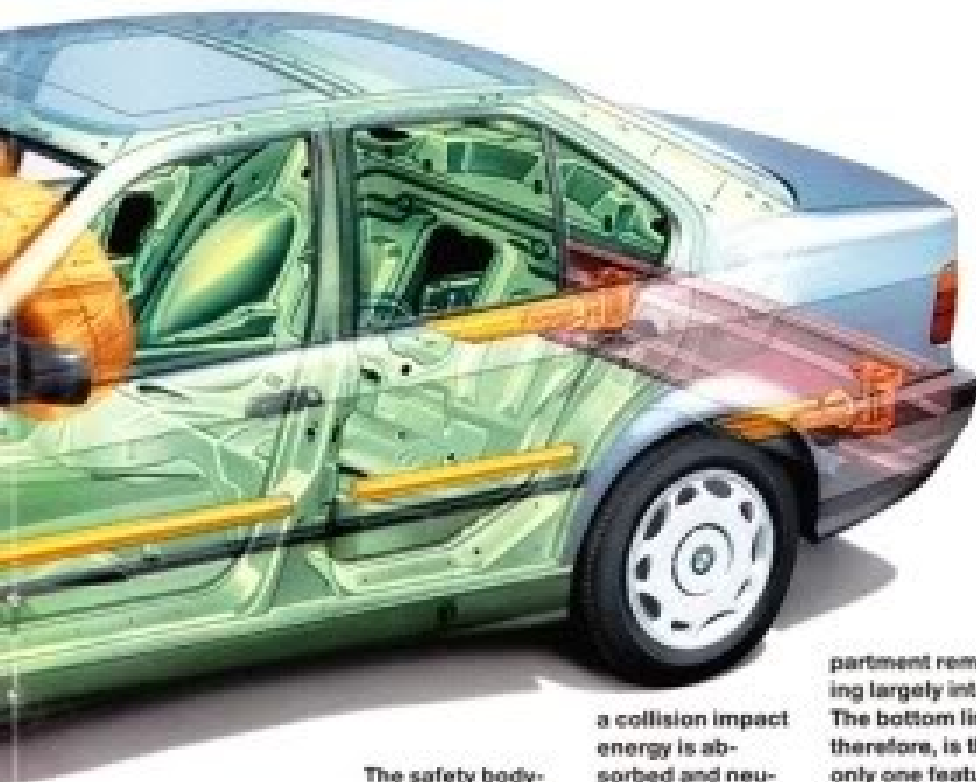
The outstanding **torsional and flexural rigidity** of the bodyshell is one of the essential prerequisites for the supreme safety and motoring comfort offered by the BMW 3 Series saloon. As an example, extra-large supports and reinforced junction points help to further enhance the above-average protection offered by the extremely stable passenger compartment. This high standard of static and dynamic stability also provides the foundation for the exactly calculated kinematic behaviour of the central arm rear axle. And last but not least, the stable bodyshell largely eliminates any potentially disturbing noise, offering you supreme peace and quiet in your BMW.

BMW long-term quality is the result, inter alia, of a consistent, up-to-date quality concept. Electrolytically hot-galvanised body panels, an all-round rustproofing system featuring phosphate coating and a cathodic dip bath, as well as plastic coating, underfloor and hollow cavity preservation help to ensure your driving pleasure for a long, long time. A further point is that BMW's particular production process and the large share of recyclable materials help to save resources: More than 80 per cent of all the parts and components on BMW's more recent models can be recycled, and the BMW 3 Series comes with more than 50 components made of recycled plastics.



Protecting the car itself: Reversible impact absorbers and additional crumple units absorb impact energy through their specific action.

This helps to avoid damage in the event of minor collisions, or at least keeps repairs to an absolute minimum.



The safety bodyshell with integral side impact protectors ensures the very best in passive safety. In

a collision impact energy is absorbed and neutralised by specially designed crumple units, the extremely stable passenger com-

partment remaining largely intact. The bottom line, therefore, is that only one feature matches the active safety of a BMW: its passive safety.

A relaxed, pleasant ambience is obviously ideal for motoring in genuine style. Precisely this is why the BMW 3 Series saloon is designed and built to get all passengers to their destination without the slightest fatigue. For they benefit from ergonomic design, pleasant freedom of space, and exclusive comfort in an interior you will enjoy even on the longest distances.



Top-quality materials and an excellent finish to the last detail give you everything you

need for travelling in style. One example to be mentioned in this context is the optional air conditioning allowing the driver and front passenger to independently

choose their favourite temperature consistently maintained regardless of road speed or blower setting.



Just in case: An airbag is fitted as standard for the driver and is available as an option for the front passenger to protect your head and upper body even more efficiently in the event of a frontal collision.

And to make sure that the front passenger airbag is activated only when necessary, the passenger seat features a seat occupation detector also helping you to avoid unnecessary repair costs.

The **airbag** offers much better protection of your head and upper body in a frontal collision. Once a collision exceeds a defined impact, crash sensors activate the airbag igniters, inflating the airbag within milliseconds in the interest of your safety. If the car is fitted with a **passenger airbag**, too, it is important to ensure that the passenger always wears his seat belt and keeps adequate distance from the glove compartment. And remember that a children's safety seat or restraint system should never be mounted on the front passenger seat.

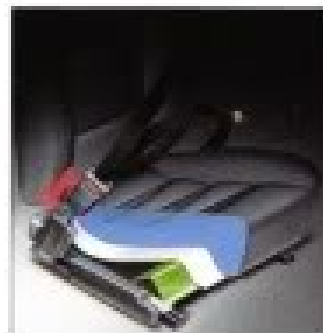
BMW's restraint system features a belt latch tensioner tightening the belt efficiently in the event of a collision: The belt latch is pulled back within fractions of a second, the shoulder and lap belts are tightened simultaneously. The submarining protection, in turn, is a ramp-shaped unit at the front end of the seat. Adding to the effect of the belt latch tensioner and belt retainer, it makes sure that the driver and front passenger cannot "dive" beneath the lap belt in the event of an impact.

The **ergonomic belt system with belt latches at the outside** enhances safety considerably for the rear seat passengers: The belt comes out of the parcel shelf at a right angle, offering almost ideal belt geometry. And the lap belt also rests on your body in a better position to ensure greater safety. In the event of side-on collisions this belt system prevents the passengers from being forced together, thus avoiding possible head injury. And last but not least the belts are easier to use, since you can fasten them with only one hand.

The **crash sensor** – only in conjunction with central locking – switches on the interior light and hazard warning flashers in the event of an accident. It also opens the central locking, allowing rescuers to easily access the passenger compartment in an emergency.



The BMW restraint system: Acting together with maximum efficiency,



the seat belt, belt latch tensioner, belt retainer, and submarining support keep you safely in your seat in the event of a collision.

Thanks to their special contour, the sports seats available as an option offer excellent side support. They hug your body more closely round the sides and on the back-rest, without in any way limiting your freedom of movement. And you can even adjust the thigh support for length.



The highly comfortable standard seats designed as a shell structure and featuring

multi-zone foam padding comply with the latest orthopaedic findings. Good side support, efficient support of your legs and pleasant but firm upholstery guarantee fatigue-free motoring and excellent quality for a long running life.





Twelve air outlet nozzles guarantee consistent and efficient ventilation of the entire interior. And as an option, a microfilter or air conditioning improve the quality of air even further.



Fascinating functional efficiency: The large analogue-face instruments come exactly in your pri-

mary line of vision and present the most important information. All other data is provided by clear, confusion-proof symbols and digital displays.



Unique: The consistent, driver-oriented ergonomic design of the cockpit helps to avoid even the slightest stress or fatigue. All controls and instruments are ar-

ranged in typical BMW arched design, ensuring optimum clarity and allowing you to reach all functions without a problem from your normal seating position.



The driver-oriented control panel on the centre console: All control units are placed conveniently, exactly where they should be. For example the switches of the air conditioning or Multi-Information Display (MID) shown here.

The **Service Interval Indicator** tells you when the next service or oil change is approaching. You therefore know exactly when your car requires service, depending on running conditions.

At speeds over 20 km/h or 12 mph, **Energy Control** constantly informs the driver of his current fuel consumption, in this way substantially improving your fuel efficiency. The analogue-face display is integrated in the rev counter.

Check/Control monitors all major functions of the vehicle, informing the driver of their condition and any deviation from target requirements. Important bulbs and lights are also monitored, even when switched off. The message received in this way is presented in clear language by the Multi-Information Display (MID) and is supported by a sound signal, information being categorised in three priority levels as a function of significance.

The **Multi-Information Display (MID)** in the centre console gives the driver important information on the technical condition of his car, thus offering extra safety and reliability. Where applicable, deficient functions are presented as a written message, and on request information from the on-board computer may also be presented here. To add the final touch, the MID also includes a digital clock.

The **microfilter** efficiently filters any harmful particles from the air drawn in from outside. Pollen, dust, soot, asbestos and harmful germs down to a size of 5 microns are filtered out 100 per cent, and even far smaller particles are efficiently removed from the flow of air by the microfilter.

Building cars of unique style and character is one of BMW's particular strongholds. And our BMW Personal Line equipment concept is a clear expression of this philosophy. Powerful colours and exclusive materials available in an impressive range of combinations give you the opportunity to create your very own, highly personal BMW 3 Series.



BMW Personal Line gives you unique freedom of choice: First, you start with one of the 14 paintwork colours. Then you choose the colour of the interior, ei-

ther colour-matched with the exterior or combined as an interesting contrast. Creating your own personal interior, your next step is to choose your material and the type of seat you would like to have. The comfortable standard seats are available in two

types of high-quality upholstery and in refined leather. The more contoured sports seats, in turn, come in flat weave with an active breathing effect, in leather finished with a firmer surface, and in an exclusive combination of fabric and leather. Colours

reflecting the character of each material then provide the final touch, the seats, inserts in the door upholstery and foot mats all coming in the colour of your choice, the remaining interior

being carefully colour-matched either in black, dark grey or dark beige.



Exterior colour:
Moreagrün;
interior colour:
Türkis.



Exterior colour:
Cordobarot;
interior colour:
Beige.



Exterior colour:
Arktissilber;
interior colour:
Grau.

Exterior colour:
Bostongrün;
interior colour:
Anthrazit.



Exterior colour:
Calypsorot;
interior colour:
Klassischrot.

Your own personal standard of comfort, exclusivity and safety can be fulfilled in every respect by our wide range of options and special equipment. And should you have any very special requests, BMW Individual is always at your disposal. For here we can fulfill even your most exceptional wishes, naturally maintaining BMW's high standard of quality at all times.



The BMW on-board computer gives you all the information you need while you

are on the road - for example the outside temperature or your average fuel consumption. In fact, you can even use

the computer to calculate your estimated time of arrival.



BMW top-quality original light-alloy wheels are unique and unmistakable. They fulfill the strictest technical requirements and provide a perfect match for your BMW 3 Series saloon. For the exact

range of light-alloy wheels, please contact your BMW partner direct.



ularly attractive, sporting looks in your 3 Series thanks to the special three-spoke design. Another feature is the thumb contour to provide optimum grip.

The leather sports steering wheel with airbag combines maximum safety with partic-



Top-quality walnut trimming gives your 3 Series saloon the ultimate touch of exclusive style.

The **on-board computer** offers the driver helpful information on request, such as the outside temperature, average fuel consumption and average speed, as well as your estimated time of arrival. It also warns you through an acoustic signal of black ice on the road. And for your optimum convenience, information may be retrieved either directly through the control panel in the centre console or by an additional button on the direction indicator stalk, then appearing on the display in the centre console. Yet another function offered by the on-board computer is a special code to protect your car from theft.

The sensors of the **anti-theft warning system** including the interior monitor and angle alarm secure your car on the engine compartment lid, luggage compartment lid and all doors. Whenever a side window or the rear window is broken in – the windscreen is made of highly resistant laminated glass – or with any change of the vehicle's longitudinal or transverse angle when being transported, the interior monitor with angle sensor will automatically trigger an acoustic and visual alarm. An LED display in the centre console shows you whether the windows are properly closed in order to ensure full function of the system, an opening of approximately 8 mm being admissible for letting fresh air into the interior. And the angle monitor verifying the position of the car may be switched off separately.

The **BMW D-net car telephone** keeps you in touch at all times, allowing you to make calls conveniently and safely thanks to the hands-free function. The card reader is integrated in the transmission and reception unit fitted in the luggage compartment.



BMW Individual allows you to make your own ideas come true, tailored to your own personal taste and creating a truly unique vehicle in every respect. From your own very special

paintwork all the way to personal materials and colour combinations, we can make your wishes reality – subject, of course, to our strict quality and safety standards. Even if you would

like to have a fax machine in your car, for example, we can offer you a carefully conceived solution. And in all cases you can count on our experienced specialists for expert advice.

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 dealer remains a competent partner in offering you the customer service you rightly expect. Highly qualified specialists and workshops 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 Service Tester 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 dealer gives you a 12-month warranty on the work done and 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.





Last but not least, the BMW Service Card offers every purchaser of a new BMW all-round assistance in the event of a breakdown – we

will salvage and tow your vehicle, arrange for hotel accommodation and a rental car. Because it is our objective to help you as quickly, efficiently and unbureaucrati-

cally as possible – round the clock and throughout Europe. This is service BMW-style.

Standard equipment.

Safety	316i	318i	320i	325i	318tds	325td	325tds
Anti-lock brake system (ABS)	●	●	●	●	●	●	●
Asbestos-free clutch and brake linings	●	●	●	●	●	●	●
Brakes:							
- Disc brakes at the front, drum brakes at the rear	●	●			●		
- Disc brakes at the front, inner-vented			●	●		●	●
- Disc brakes at the rear			●	●		●	●
Bumpers front/rear regenerating fully to their original shape in impacts up to 4 km/h	●	●	●	●	●	●	●
Central locking with anti-theft security lock and immobiliser, crash sensor, fuel tank filler flap integrated in central locking, master key with micro-torch, side windows with comfort opening and closing function		●	●	●	●	●	●
Driver airbag	●	●	●	●	●	●	●
Ergonomic belt system at the rear	●	●	●	●	●	●	●
Inertia-reel seat belts at the front with belt latch tensioner and belt retainer	●	●	●	●	●	●	●
Integral side impact protectors and roof crossbar	●	●	●	●	●	●	●
Manual adjustment of seat belt height on B-pillar	●	●	●	●	●	●	●
Parking protection provided by wrap-around plastic bumpers and side strips	●	●	●	●	●	●	●
Power steering with safety steering column	●	●	●	●	●	●	●
Predetermined crumple zones front and rear	●	●	●	●	●	●	●

Engine	316i	318i	320i	325i	318tds	325td	325tds
Closed-loop catalytic converter, heated oxygen sensor, activated carbon filter, controlled tank purge	●	●	●	●			
Cylinder-specific knock control	●	●	●	●			
Diesel catalyst with exhaust gas recirculation					●	●	●
Digital Diesel Electronics (DDE)					●	●	●
Digital Motor Electronics (DME)	●	●	●	●			
Engine encapsulation					●	●	●
Four-valve technology			●	●			
Heated fuel filter					●	●	●
Hydraulic valve play compensation	●	●	●	●	●	●	●
Individual-control intake manifold (ICM)	●	●					
Intercooler					●		●
Light-alloy cylinder head	●	●	●	●			
Oil/water heat exchanger					●		
On-board diagnosis	●	●	●	●	●	●	●
Solid-state distributor system	●	●	●	●			
Straight-four diesel engine					●		
Straight-four petrol engine	●	●					
Straight-six diesel engine with turbocharger						●	●
Straight-six petrol engine			●	●			
Valve drive with roller-type rocker arms	●	●					
Variable camshaft control (VANOS)			●	●			

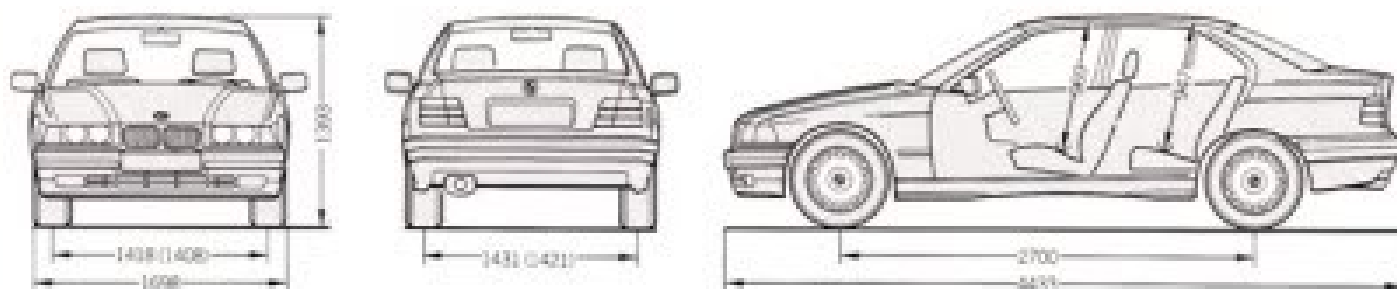
Transmission/suspension	316i	318i	320i	325i	318tds	325td	325tds
Anti-roll bar at the rear		●	●	●		●	●
Control arm rear axle with anti-squat and anti-dive	●	●	●	●	●	●	●
Five-speed manual gearbox with direct transmission in fifth gear	●	●	●	●	●	●	●
Spring strut front axle with anti-dive and anti-roll bar	●	●	●	●	●	●	●
Two-mass flywheel (on manual gearbox models)			●	●	●	●	●

Exterior features	316i	318i	320i	325i	318tds	325td	325tds
All-round rustproofing system with hot-galvanising, phosphate coating and cathodic dip bath, preservation of hollow cavities, underfloor protection	●	●	●	●	●	●	●
Bumpers in body colour at the top, contrasting colour at the bottom, rear-view mirrors in body colour			●	●		●	●
Electrically adjustable rear-view mirrors	●	●	●	●	●	●	●
Engine compartment lid and luggage compartment lid supported by gas-pressure springs	●	●	●	●	●	●	●
Foglamps in free-form technology				●			
Green heat-insulating glass all round with laminated windscreen	●	●	●	●	●	●	●
Light-alloy wheels in BMW styling				●			
Plastic tank, capacity approx 65 ltr	●	●	●	●	●	●	●
Steel wheels	●	●	●		●	●	●
Wheel arches at the front with plastic inserts	●	●	●	●	●	●	●

Interior features	318i	318i	320i	325i	318tds	325td	325tds
Analogue-face clock in the centre console	•	•	•		•	•	•
Analogue-face instruments with anti-dazzle illumination	•	•	•	•	•	•	•
Anti-dazzle interior mirror	•	•	•	•	•	•	•
Armrests on the doors with integral closing handles	•	•	•	•	•	•	•
Automatic operation of courtesy lights with soft on/off dimming		•	•	•		•	•
BMW tools in a special tray in the luggage compartment lid	•	•	•	•	•	•	•
Digital clock				•			
Electrically adjustable headlight range control	•	•	•	•	•	•	•
Electric window lifts at the front, with fingertip control and trap release on the driver's window				•			
Electronically controlled heating system independent of road speed, multi-stage radial blower	•	•	•	•	•	•	•
Fully reclining front seats with fine backrest adjustment, driver's seat adjustable for height, both front seats with fore-and-aft adjustment	•	•	•	•	•	•	•
Headrests at the front, adjustable for height and angle	•	•	•	•	•	•	•
Interior carpeting in velour, driver's footrest integrated in side panel	•	•	•	•	•	•	•
Lashing points in luggage compartment	•	•	•	•	•	•	•
LIGHTS ON? warning	•	•	•	•	•	•	•
Lockable, illuminated glove compartment	•	•	•	•	•	•	•
Luggage compartment capacity 435 lb (19.3 cu ft) (to VDA standard)	•	•	•	•	•	•	•
Luggage compartment with fabric lining all round			•	•			•
Multi-Information Display with Check/Control, alphanumeric				•			
Rev counter with Energy Control, fuel gauge, coolant thermometer, LC display for mileage and trip counter	•	•	•	•	•	•	•
Service interval indicator	•	•	•	•	•	•	•
Spare wheel beneath the floor inside the luggage compartment	•	•	•	•	•	•	•
Steering wheel with leather rim				•			
Storage space in the centre console, tunnel console, in storage boxes on the front doors, additional storage space on cars featuring non-smoker package	•	•	•	•	•	•	•
Twin-tone horn	•	•	•	•	•	•	•
Vanity mirror for driver (with slide cover) and front passenger	•	•	•	•	•	•	•
Warning triangle and first-aid kit in a separate box at the right of the luggage compartment	•	•	•	•	•	•	•

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 importer or dealer. Subject to change in design and equipment.
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Specifications.



All dimensions in mm, figures in () apply to the 320i, 325i and 325tds.

Weight	318i	318i	320i	325i	318tds	325td	325tds
Unladen*	kg 1265 (1305)	1280 (1320)	1360 (1395)	1405 (1440)	1340	1410 (1448)	1425 (1460)
Max permissible	kg 1650 (1690)	1665 (1705)	1745 (1780)	1790 (1825)	1725	1795 (1830)	1810 (1845)
Permitted load	kg 480	480	480	480	480	480	480
Permitted axle load front/rear	kg 800/970	810/975	840/1020	875/1030	865/980	880/1030	890/1030
Permitted roof load	kg 75	75	75	75	75	75	75
Permitted trailer load, unbraked	kg 630	640	670	670	660	670	670
Permitted trailer load, braked, max 12 % gradient	kg 1280 (1400)	1400 (1500)	1600	1600	1300	1600	1600
Permitted trailer load, braked, max 8 % gradient	kg 1500/1600*	1500/1600*	1600	1600	1500/1600*	1600	1600

Engine

Cylinders/valves	4/2	4/2	6/4	6/4	4/2	6/2	6/2	
Capacity	cc 1596	1796	1991	2494	1665	2498	2498	
Stroke/bore	mm 72/84	81/84	66/80	75/84	82.8/80	82.8/80	82.8/80	
Max output	kW/bhp/rpm	75/102/5500	85/115/5500	110/150/5500	141/192/5800	88/120/4400	85/115/4800	105/143/4800
Max torque	Nm/lb-ft/rpm	150/111/3900	168/124/3900	190/140/4200	245/181/4200	190/140/2000	222/164/1900	260/192/2200
Compression ratio/fuel grade [†] : 1/ROM	9.7/95	9.7/95	11.0/95	10.5/95	22.0/diesel	22.0/diesel	22.0/diesel	

Transmission

Standard gearbox ratios I/II	:1	4.23/2.52	4.23/2.52	4.23/2.52	4.23/2.52	5.43/2.95	5.09/2.60	5.09/2.60
III/IV	:1	1.66/1.22	1.66/1.22	1.66/1.22	1.66/1.22	1.81/1.26	1.76/1.25	1.76/1.25
V/R	:1	1.00/4.04	1.00/4.04	1.00/4.04	1.00/4.04	1.00/4.96	1.00/4.71	1.00/4.71
Final drive ratio	:1	3.38 (4.45)	3.38 (4.45)	3.45 (3.45)	3.15 (3.15)	2.65	2.66 (3.23)	2.66 (2.66)

Performance

Top speed	km/h	195 (192)	201 (200)	214 (214)	233 (231)	182	198 (194)	214 (211)
Acceleration 0-100 km/h	sec	12.7 (14.2)	11.3 (12.3)	9.9 (10.6)	8.0 (8.8)	14.4	12.0 (12.8)	10.4 (10.8)
standing-start km	sec	33.6 (35.3)	32.4 (33.6)	30.7 (31.9)	28.4 (29.8)	35.6	33.3 (34.3)	31.4 (32.3)
Flexibility 80-120 km/h in fourth gear (standard gearbox)	sec	12.2	10.5	9.7	8.4	13.4	11.0	9.4

Fuel consumption**

80 km/h	lit/100 km	5.6 (5.9)	5.7 (6.0)	6.5 (5.8)	6.6 (6.0)	4.4	5.1 (5.1)	4.9 (4.6)
120 km/h	lit/100 km	7.3 (7.5)	7.4 (7.7)	7.9 (7.3)	8.0 (7.4)	5.8	6.8 (6.7)	6.5 (6.4)
City traffic	lit/100 km	9.4 (10.5)	9.6 (10.9)	11.3 (12.0)	11.9 (12.3)	7.6	8.9 (8.3)	8.8 (8.4)

Wheels

Tyre dimensions	185/65 R 15	185/65 R 15	205/60 R 15	205/60 R 15	185/65 R 15	185/65 R 15	205/60 R 15
Wheel dimensions	6 J x 15	6 J x 15	6 1/2 J x 15	7 J x 15	6 J x 15	6 J x 15	6 1/2 J x 15
Material	Steel	Steel	Steel	Light-alloy	Steel	Steel	Steel

Electrical system

Battery capacity	Ah	50	50	65	65	65	65	65
Alternator output	A/W	70 (80) [†]	70 (80) [†]	80/1120	80/1120	95/1330	95/1330	95/1330
		980 (1120)	980 (1120)					

* According to the EC standard, the figure quoted includes 68 kg for the driver and 7 kg for luggage. Unladen weight applies to vehicles in standard trim. Special equipment may increase the figure.

** Figures quoted apply to boat trailers, glider trailers, horse transport trailers, car transport trailers.

† Engines with knock control are designed for ROM 95 fuel. Use of ROM

95 fuel reduces consumption under normal conditions and increases power accordingly. On ROM 91 fuel engine power decreases and fuel consumption is higher.

† Fuel consumption with standard gearbox to DIN 70030, Part 1. Figures in () apply to vehicles with 4-speed automatic transmission. Figures in [] apply to vehicles with 5-speed automatic transmission.

Special equipment.

	316i	318i	320i	325i	318tds	325td	325tds
Aerodynamic package M			●	●			●
Airbag for front passenger	●	●	●	●	●	●	●
Air conditioning including microfibre	●	●	●	●	●	●	●
Anti-theft warning system with remote control (infra-red transmitter)	●	●	●	●	●	●	●
Armrest at the front	●	●	●	●	●	●	●
Automatic Stability Control + Traction (ASC + T)			●	●			
Automatic transmission:							
- Four-speed EH automatic	●	●				●	
- Five-speed EH automatic			●	●			●
Bumpers in body colour	●	●			●		
Bumpers in body colour all round			●	●		●	●
Car telephone, D-net, with hands-free operation	●	●	●	●	●	●	●
Cassette rack	●	●	●	●	●	●	●
CD changer (6 CDs)	●	●	●	●	●	●	●
Centre armrest at the rear	●	●	●	●	●	●	●
Central locking with immobiliser	●						
Check/Control			●				
Courtesy lights package	●	●	●	●	●	●	●
Cruise control	●	●	●	●	●	●	●
Driver's and front passenger's seat electrically heated	●	●	●	●	●	●	●
Foglamps	●	●	●		●	●	●
Foot mats in velour	●	●	●	●	●	●	●
Front passenger's seat manually adjustable for height	●	●	●	●	●	●	●
Headlight washer system	●	●	●	●	●	●	●
Headrests at the rear, manually adjustable	●	●	●	●	●	●	●
HIFI loudspeaker system	●	●	●	●	●	●	●
Limited-slip differential with 25 per cent locking action	●	●	●	●	●	●	●
Lumbar support on driver's and front passenger's seat	●	●	●	●	●	●	●
Metallic paintwork	●	●	●	●	●	●	●
Microliter	●	●	●	●	●	●	●
Model designation, dropped	●	●	●	●	●	●	●
Non-smoker package	●	●	●	●	●	●	●
On-board computer V			●	●		●	●
Outside temperature display	●	●	●	●	●	●	●
Park Distance Control (PDC) at the rear	●	●	●	●	●	●	●
Radios, large range of	●	●	●	●	●	●	●
Rear-view mirrors and screenwasher nozzles heated	●	●	●	●	●	●	●
Remote control for central locking (infra-red transmitter)	●	●	●	●	●	●	●
Seat adjustment, electric, on driver's and front passenger's seat			●	●			●
SKI-bag including centre armrest at the front	●	●	●	●	●	●	●
Sports suspension M	●	●	●	●	●	●	●
Sports seats	●	●	●	●	●	●	●
Steel sliding/vent roof, electrically operated	●	●	●	●	●	●	●
Steering column manually adjustable	●	●	●	●	●	●	●
Steering wheel: leather steering wheel with airbag	●	●	●	●	●	●	●
Steering wheel: leather sports steering wheel with airbag	●	●	●	●	●	●	●
Steering wheel: M leather steering wheel with airbag	●	●	●	●	●	●	●
Sunblind for rear window, manually operated	●	●	●	●	●	●	●
Through-loading system	●	●	●	●	●	●	●
Towing hook with removable ball joint	●	●	●	●	●	●	●
Upgraded power supply	●	●	●	●			
Upholstery: fabric/leather combined	●	●	●	●	●	●	●
Upholstery: individual leather finish	●	●	●	●	●	●	●
Upholstery: Montana leather	●	●	●	●	●	●	●
Walnut trimming, high-gloss			●	●			●
Wheels: light-alloy wheels in BMW styling	●	●	●		●	●	●
Wheels: light-alloy wheels in classic styling	●	●	●	●	●	●	●
Wheels: light-alloy wheels in cross-spoke styling	●	●	●	●	●	●	●
Wheels: light-alloy wheels in double-spoke styling	●	●	●	●	●	●	●
Wheels: steel with low-profile tyres (205/60 R 15)	●	●	●		●	●	
Window lifts, electric, at the front	●	●	●		●	●	●
Window lifts, electric, front and rear	●	●	●	●	●	●	●
Windscreen with green stripe at the top	●	●	●	●	●	●	●

All of the options listed above 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 a special accessories brochure.

Exterior and interior colours.

- ★ Particularly harmonious colour combinations.
- Recommended colour combinations.
- Colour combinations available.

Exterior colours

	Interior colours	Fabric						Fabric/leather combined			Leather						
		Antirad	Grau	Klassischrot	Turkis	Beige	Blaueschot	Antirad	Klassischrot	Turkis	Schwarz	Helgrau	Beige	Klassischrot	Blaueschot	Schwarzgelb	
Non-metallic	300 Alpinweiss	●		●	○	○	●	●	○	●		○	●	●			
	314 Hellrot	●					●		●								
	666 Schwarz	●	●	★	●	●	●	●	●	●	●	●	●	●	●	●	●
	307 Dunkelgrün	○	○			●		○				○	○	●			○
	263 Dunkelblau		●											●			
Metallic*		309 Arktis Silber	●	●	●	○		●	●	○	●	●		●	●		○
	269 Arktisgrau	●	★	●	○			●	●	○	●	●		●			○
	295 Samorblau	●					★	●			●				●		
	288 Montagrün	●	○		●			●		★	●						
	252 Calypsorot	●	○	★		○		●	★		●	○	○	●			
	297 Montrealblau	●	●			○	○	●			●	●	○		○	○	○
	275 Bostongrün	●				○		●			●		○				
	286 Cordobarot	●	●			○		●			●	●	○				
	303 Cosmoschwarz	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Experience shows that it is impossible to properly render the exact colour of the paintwork and upholstery on paper. We therefore advise you to inspect the original colours at your BMW dealership. Your BMW partner will be glad to help.
* Optional.

Materials

Model	Standard		Optional			
	316i, 318i, 318tds	320i, 325i, 325td, 325tds	316i, 318i, 318tds	316i, 318i, 320i, 325i, 318tds, 325td, 325tds		
Type of seat	Standard seat	Standard seat	Sports seat	Sports seat	Standard seat	Sports seat
Material	Fabric, flock	Fabric, wool velour	Fabric, flat weave	Fabric/leather combined	Montana leather	Montana leather
Interior colours						
Anthrazit 	C3AT	C4AT	D6AT	C1AT		
Grü 	C3TT	C4TT	D6TT			
Beige 	C3SN				P6SN	P7SN
Klassischrot 			D6GD	C1GD		P7GD
Türk 			D6TK	C1TK		
Blaudiehl 		C4MA			P6MA	
Schneigelb 					P6SG	
hellgrau 					P6TH	P7TH
Schwarz 					P6SW	P7SW

BMW - the ultimate driving machine