

Fast Facts

April 2008

Fast Facts
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The Ultimate
Driving Machine

April 2008





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Introduction

Fast Facts is designed to place a wealth of information at your fingertips. Its purpose is to provide you with a tool to use when you need to research or verify information about BMW vehicles.

Fast Facts Structure

Fast Facts is organised into the following sections:

- **Introduction**
 - BMW Heritage and Brand Values, BMW Group UK Fact Sheet, Signature Elements, E Numbers, and BMW Engine Table
- **BMW Features Glossary**
 - Key features common to most BMWs
- **Model-specific information**
 - Technical information, standard and optional equipment lists, wheel and tyre matrix, EfficientDynamics matrix, specific to each BMW model
- **Useful links**
 - Website addresses where further useful information can be found.
- **Index**

BMW Heritage and Brand Values

After introducing its first motorcycle in 1923 and first vehicle in 1929, BMW quickly established the tradition that lives on today – vehicles that deliver a unique combination of driving pleasure, performance, practicality and quality. With each new generation of BMW since then, these essential BMW qualities have been elevated to new heights.

'BMW' stands for Bayerische Motoren Werke or, in English, Bavarian Motor Works. Munich, the home of BMW, is the capital of the German state of Bavaria, and 'Bavarian' is an important element of the BMW heritage. Being German means BMWs are developed in an environment where workmanship is virtually an obsession, designed for the rigours of Autobahn driving and for traversing the nearby Alpine passes with surefooted confidence. These factors alone set BMW apart from many of its competitors – including those who continue their attempts at grafting a European image onto products whose heritage is not European.

However, BMWs aren't just European or just German. They are Bavarian. In Bavaria there is a certain joy of living that must be experienced to be fully understood.

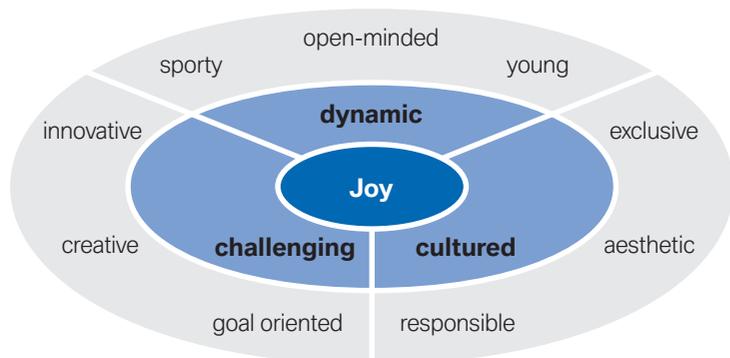
Bavaria is in southern Germany and those who know it best say it combines German perfectionism with the more outgoing and exuberant spirit of Italy. No wonder then, that the international BMW slogan is 'Freude am Fahren' – Joy in Driving. The creators of BMW express this joy in quality of construction, performance, handling, quietness – plus a less tangible, but easily discernible, quality that BMW calls 'driving character'. Essential elements of this character include:

- **Sound:** BMW engines have a distinctive, almost musical sound.
- **Feel:** A BMW responds with precision and agility to its driver's commands and supports his or her skills at the wheel.
- **Driver Involvement:** Whether manual or automatic transmission, the dynamic, spirited character of all BMW cars successfully satisfies even the most enthusiastic of drivers.
- **Look:** There is no mistaking a BMW for anything else. BMW has always attracted upwardly mobile people, and that is the synergy upon which the BMW philosophy is built – exceptional people, creating outstanding motor vehicles for discerning people to enjoy. It is possible, at least for the casual observer, to look at a BMW and ask, 'But why does that vehicle cost so much? Aren't there comparable vehicles for less?' Superficially, it may seem that way. But a BMW's appeal runs much deeper. Much of what one pays for in a BMW is under the skin – creating a value proposition. In a BMW, every feature is backed by a heritage of engineering, design, quality, experience, testing and development. It's a heritage unique to BMW, unmatched by other manufacturers. The BMW heritage, product attributes and quality are offered today at competitive prices. A thorough test drive will demonstrate the exceptional value built into every BMW.

BMW Brand Identity

The main objective and vision of the BMW brand is to enhance the joy of driving. Dynamic performance and peerless design, combined with premium quality and substance, create the unique appeal of BMW automobiles.

The BMW Brand Identity model depicts the core values and characteristics personified by BMW cars and the BMW brand.



BMW Group UK Fact Sheet *

BMW investment in UK

- c. £1 billion since 2000.

BMW Group UK

- Employs 8,000 people in the UK motor industry at its three main production plants: Oxford (MINI), Hams Hall (engines) and Goodwood (Rolls-Royce) and at the BMW Group Plant, Swindon (component supplier), in its sales and marketing subsidiary and in financial services.
- The BMW Group and its dealers directly employ almost 20,000 people.
- The UK is the third largest market for BMW worldwide after the U.S.A. and Germany.
- UK sales in 2007, BMW 121,575, MINI 47,661.

BMW Group Plant Oxford

- Only place in world where MINI is built.
- £380 million investment between 2000 and 2007.
- Over 4,500 jobs at the plant.
- 900 new permanent jobs created in the first two years of MINI production.
- Production runs seven days per week, three shifts.
- c. 75% of all MINIs produced have been exported.
- MINI now on sale in 80 countries.
- Third largest vehicle producer in UK in 2006 with 184,687 vehicles.
- 1,000,000th MINI produced in April 2007.

BMW Plant, Hams Hall

- £400 million engine plant.
- 1000 jobs.
- BMW's worldwide centre for four-cylinder petrol engine production and petrol engines for the new MINI.
- 217,495 engines produced in April 2007.
- 1,000,000th engine was produced in April 2007.

Rolls-Royce Motor Cars Limited, Goodwood

- £65 million investment in Goodwood plant.
- 500 jobs.
- Only location in world where Rolls-Royce motor cars are built.

BMW Group Plant, Swindon

- Main supplier of MINI pressings and sub-assemblies to Plant Oxford.
- £40 million investment announced in 2004.
- 1100 jobs.
- Part of BMW Group UK since 2000.
- Plant in operation since the 1950s.

* Data correct at time of going to print.

Signature Elements

BMW design is timeless and distinct, with a number of classic design details connecting BMW cars across generations. Part of this classic design comes from avoiding fads and fashions and focussing on designing cars for the future.

The features described below include some of the most commonly recognised characteristics of BMWs, present in BMWs across the generations.

Double headlights

Double headlights are a classic BMW design feature; the light they provide gives BMWs an unmistakable presence on the road, as well as contributing to an increased level of safety. Double headlights are an unmistakable feature of all BMWs. From the front, along with the kidney grille, they make the vehicle instantly recognisable as a BMW.

Hofmeister Kink

The Hofmeister Kink, named after Wilhelm Hofmeister, BMW's early director of design, was first previewed at the 1961 Frankfurt auto show.

It describes the 'bend' in the C-pillar, which is seen to separate the rear side windows from the rear glass. Whilst the Hofmeister kink has become a distinctive styling cue across the brand it also give a pleasing visual effect on all BMW cars.

Kidney grille

The kidney grille, visible on the front of every BMW on the road, was first introduced at the 1933 Geneva auto show. Over the years the appearance has evolved from tall ovals, into the current low and wide kidney-like shape. A prominent characterising element of BMWs, the kidney grille adds to the cars powerful, focused expression.

Long wheelbase and short overhangs

BMW cars all have a low centre of gravity, long wheelbase and short overhangs. By positioning the engines as low down and far back as possible, drivers experience more neutral handling, minimal body roll, better cornering and great driving comfort as well as excellent directional stability, resulting in a more agile drive.

Optimum weight distribution (50:50)

All BMW vehicles have excellent weight distribution – very close to 50% front and 50% rear. To achieve this ideal, engineers have located the front wheels relatively far forward, and positioned the engine as far rearward as practical. More equal weight distribution results in greater agility and increased traction which provides higher levels of safety when driving.

In addition, the heavy battery is placed in a low position to help lower the centre of gravity to enhance weight distribution. A balanced weight distribution ensures truly neutral handling. The engine's power is transmitted to the road with minimal loss. The vehicle hugs the road, providing a sporty yet safe driving experience.

Rear-wheel drive

The term 'rear-wheel drive' describes the engine/transmission layout used in all BMW cars. This layout provides a more even weight distribution, resulting in improved handling, acceleration and overall safety of the car. Benefits are seen during heavy acceleration, when weight is transferred to the rear of the car, improving traction.

In comparison to front wheel drive, rear-wheel drive vehicles provide more precise steering due to the fact that the front wheels do not transmit driving forces; whilst the rear wheels provide superior traction, the front wheels deal with the steering forces and provide excellent steering feedback to the driver. Finally, evenly distributed weight increases brake performance by helping to prevent lockup from wheels becoming unloaded in conditions where heavy braking is required.

Roundel

The roundel, which is present on all BMWs, has been the company logo since its formation. The blue and white circular propeller characterises an aircraft engine and aside from very minor alterations has remained largely unchanged to this day. The colours are derived from the Bavarian flag and the propeller motif symbolising BMW's origins as a manufacturer of aircraft engines. Indeed, the roundel serves to illustrate the pride and true sense of tradition that go into each and every car designed and produced by BMW.

E Numbers

Each generation of BMW car is internally referred to with an 'E-number' development code, as listed below.

Development Code	Description	Start Of Production	End Of Production
1 Series			
E87	1 Series 5dr	June 2004	
E81	1 Series 3dr	March 2007	
E82	1 Series Coupé	November 2007	
E88	1 Series Convertible	March 2008	
3 Series			
E21	3 Series Saloon	1975	1983
E30	3 Series Saloon/Coupé	1982	1990
E36/4	3 Series Saloon	April 1991	August 1998
E36/3	3 Series Touring	March 1995	May 1999
E36/2	3 Series Coupé	April 1992	May 1999
E36/C	3 Series Convertible	May 1994	November 1999
E36/5	3 Series Compact	September 1994	March 2001
E46/4	3 Series Saloon	September 1998	January 2005
E46/3	3 Series Touring	June 1999	May 2005
E46/2	3 Series Coupé	June 1999	2006
E46/C	3 Series Convertible	December 1999	2007
E46/5	3 Series Compact	April 2001	December 2004
E90	3 Series Saloon	December 2004	
E91	3 Series Touring	June 2005	
E92	3 Series Coupé	June 2006	
E93	3 Series Convertible	December 2006	
5 Series			
E12	5 Series Saloon	1972	1981
E28	5 Series Saloon	1980	1988
E34	5 Series Saloon/Touring	1987	1996
E39	5 Series Saloon	September 1995	May 2003
E39/2	5 Series Touring	November 1996	December 2003
E60	5 Series Saloon	June 2003	
E61	5 Series Touring	March 2004	

Development Code	Description	Start Of Production	End Of Production
6 Series			
E24	6 Series Coupé	1975	1989
E63	6 Series Coupé	September 2003	
E64	6 Series Convertible	December 2003	
7 Series			
E23	7 Series Saloon	1976	1986
E32	7 Series Saloon	1986	1994
E38	7 Series Saloon	September 1994	2001
E38/2	7 Series LWB Saloon	September 1994	2001
E65	7 Series Saloon	November 2001	
E66	7 Series LWB Saloon	March 2002	
E68	Hydrogen 7	December 2006	
8 Series			
E31	8 Series Coupé	1989	1999
X3			
E83	X3 SAV	September 2003	
X5			
E53	X5 Sports Activity Vehicle	September 1999	September 2006
E70	X5 Sports Activity Vehicle	January 2007	
X6			
E71	X6 Sports Activity Coupé	May 2008	
Z Cars			
E36/7	Z3	November 1995	June 2002
E52	Z8 Roadster	February 2000	December 2002
E85	Z4 Roadster	March 2003	
E86	Z4 Coupé	April 2006	
Other Models			
E3	2500, 2800, 3.0S/Si	1968	1977
E9	2000CS, 2500CS, 2800CS, 3.0CS/CSi/L	1965	1977
E26	M1 Coupé	1978	1981

Indicates models currently in production

Indicates models no longer in production

Models in **Bold** launch between March - September 2008

BMW Engine Table**

Engine Code	Fuel	Cylinders	Engine size	hp	E Number	Models
N43 B1600	Petrol	4	1599	122	E81, E87, E90	116i, 316i*
N43 B20U0	Petrol	4	1995	143	E81, E87, E88, E90, E91	118i, 318i
N47 D20U0	Diesel	4	1995	143	E81, E87, E90, E91	118d, 318d
N46 B2000	Petrol	4	1995	150	E85	Z4 2.0i
N43 B2000	Petrol	4	1995	170	E81, E87, E88, E90, E91, E92, E93	120i, 320i
N47 D2000	Diesel	4	1995	177	E60, E61, E81, E82, E83, E87, E88, E90, E91, E92, E93	120d, 320d, 520d, X3 2.0d
N47 D20T0	Diesel	4	1995	204	E81, E82, E87	123d
N52 B25U1	Petrol	6	2497	177	E85	Z4 2.5i
N53 B25U0	Petrol	6	2497	190	E60, E61	523i
N52 B25O1	Petrol	6	2497	218	E83, E85	Z4 2.5Si, X3 2.5Si
N52 B30U1	Petrol	6	2996	218	E82, E88	125i
N54 B3000	Petrol	6	2979	306	E71, E82, E88, E90, E91, E92, E93	135i, 335i, X6 xDrive35i
M57 D30U2	Diesel	6	2993	197	E60, E61, E90, E91, E92, E93	325d, 525d
M57 D30O2	Diesel	6	2993	218	E83	X3 3.0d
M57 D30O2	Diesel	6	2993	231	E90, E91, E92, E93	330d
M57 D30O2	Diesel	6	2993	231	E65, E66	730d, 730Ld
M57 D30O2	Diesel	6	2993	235	E60, E61, E70, E71	530d, X5 3.0d, X6 xDrive30d
M57 D30T2	Diesel	6	2993	286	E60, E61, E63, E64, E70, E71, E83, E90, E91, E92,	335d, 535d, 635d, X5 3.0sd, X3 3.0sd, X6 xDrive35d
N53 B30U0	Petrol	6	2996	218	E60, E61, E90, E91, E92, E93	325i, 525i
N52 B3000	Petrol	6	2996	258	E65, E66	730i, 730Li
N52 B30O1	Petrol	6	2996	265	E81, E85, E86, E87	130i, Z4 3.0 Si
N52 B30O1	Petrol	6	2996	272	E70, E83	X5 3.0Si, X3 3.0Si
N53 B3000	Petrol	6	2996	272	E60, E61, E63, E64, E90, E91, E92, E93	330i, 530i, 630i
S54 B32	Petrol	6	3246	343	E85, E86	M Roadster, M Coupé
S65 B40	Petrol	8	3999	420	E90, E92, E93	M3
N62 B40O1	Petrol	8	4000	306	E60, E65, E66	540i, 740i, 740Li
N62 B4801	Petrol	8	4799	355	E70	X5 4.8i
N62 B4801	Petrol	8	4799	367	E60, E61, E63, E64, E65, E66	550i, 650i, 750i, 750Li
S85 B50	Petrol	10	4999	507	E60, E61, E63, E64	M5, M6
N73 B60vD	Petrol	12	5972	445	E65, E66	760i, 760Li

* Ireland only ** Data correct at time of print

Features Glossary

The features section of Fast Facts provides a description of features common across the BMW range. Descriptions and key benefits are covered for each feature.

Engines

Catalytic converter

As an important part of a car's emissions control system, a catalytic converter works to reduce the level of toxins present in car emissions. By treating the exhaust before it has left the car, a substantial amount of pollution is reduced.

Benefits

By reducing the amount of pollution produced by a vehicle, a catalytic converter helps to reduce the level of harmful exhaust emissions without negatively affecting the engine performance of the car.

Common-rail injection system

BMW diesel engines are unique in terms of sound, performance and fuel economy. Common-rail injection system maintains a high fuel injection pressure throughout the entire fuel injection cycle. This high pressure in the fuel rail allows fuel to be injected several times during each combustion cycle, via electrically guided injectors. It is possible for small quantities of fuel to be injected before the main injection, improving efficiency and significantly reducing noise during the main combustion process.

Benefits

Having separate pre and main injection events improves engine acoustics, fuel economy and fuel emissions. Common-rail injection system also allows the engine to accelerate instantaneously and powerfully, even from low engine revs.

Configuration

Engine configuration describes the positioning of the cylinders within an engine. BMW is renowned for its in-line engines. In-line engines are those engines which have all cylinders aligned in one row, making them outstandingly well balanced. No other configuration matches the combination of performance and refinement provided by an in-line configuration.

Engines with eight or more cylinders cannot be constructed as an in-line configuration due to their overall length and therefore are aligned as V engines; the cylinders are aligned in a V shape, reducing the overall length of the engine compared to in-line engines.

Benefits

In-line engines benefit from smooth power delivery and are the most dynamically balanced engines, whilst V engines minimise the longitudinal dimensions of the engine and make it possible for cars to accommodate larger engines.

Diesel Particulate Filter (DPF)

Diesel Particulate Filters work by filtering out soot particles contained in the exhaust gas from a diesel engine.

By collecting these fine particles whilst still inside the exhaust system, the DPF prevents these particles from entering the atmosphere and causing further pollution.

Benefits

Diesel Particulate Filters have no adverse affect on the performance of a vehicle, whilst effectively reducing the emissions levels of the vehicle.

Digital Motor Electronics (DME)/Digital Diesel Electronics (DDE) engine management

The Digital Motor Electronics (DME)/Digital Diesel Electronics (DDE) microprocessor system continuously monitors a wide variety of engine functions, calculates the ideal fuel quantity and ignition timing, and adjusts them several hundred times per second.

Benefits

DME/DDE ensures optimum power with low fuel consumption and lower emissions.

DIVA and DISA: Fully variable and differentiated intake systems

DIVA and DISA systems work to ensure that the engine adjusts perfectly to the driver's power requirements. Both systems work on the basic principle that long air intake travel provides high torque at low engine speeds, whereas short intake travel develops high power at high engine speeds.

DIVA is a fully variable air intake system that adapts the length of the intake manifold, whereas DISA uses a valve that is closed at low engine speeds but open at high speeds therefore increasing engine performance.

Benefits

Both DIVA and DISA systems increase engine performance by providing high torque at low engine speeds and high power at high engine speeds.

Electronic throttle butterfly control

Replacing the mechanical cable connecting the accelerator pedal and throttle butterflies, electronic throttle butterfly control works by sending an electrical signal to the engine management system with every movement of the accelerator pedal. The system requires a mere 120 milliseconds to open the throttle butterflies in full, about the same time it will take a skilled driver to press down the accelerator.

Benefits

Electronic throttle butterfly control provides particularly smooth, vibration-free driving, especially at low engine revs. It also serves to optimise fuel consumption and emissions control. Finally, electronic throttle butterfly control enhances driving safety by automatically applying a programme in the event of a dangerous mechanical defect, such as the throttle butterflies inadvertently being placed in the full load setting.

High-precision direct injection (HPI)

High-precision direct injection (HPI) describes the process of injecting fuel under high pressure directly into the combustion chamber.

The fuel is then vapourised in the combustion chamber and the mixture is cooled. The density is increased (the cooler it is, the greater the density) and improves the efficiency of the engine by up to 10%.

Benefits

High-precision direct injection helps increase the power, whilst retaining low fuel consumption figures.

M high pressure Double- / Bi-VANOS

Bi-VANOS significantly improves the torque curve of the petrol engine. Valve timing both on the intake and outlet camshaft is adjusted to the power and torque required of the engine as a function of the accelerator pedal position (load-related) and engine revs, all of which is done with infinite precision. M Double- / Bi-VANOS requires very high oil pressure (approx. 80-120 bar) in order to adjust the camshafts as quickly and precisely as possible.

Benefits

M high pressure Double-/ Bi-VANOS ensures supreme torque at low engine revs and equally impressive output at high speeds. The engine's idling qualities are improved by the reduction of unburnt residual gases and special engine management maps for the warm-up period which enhance the efficiency of the catalytic converter.

Power

Power describes the amount of work produced by an engine within a certain period of time, measured in horsepower (hp). The more power an engine produces allows a higher ratio between the engine and rear wheels, which results in greater torque being applied to the rear wheels.

Benefits

The more power a car has available relates directly to the amount of acceleration it has. This results in higher performance and ultimately, faster cars.

Torque

Torque is a force that rotates objects. When using a wrench, force must be applied to the handle. This force creates torque on the wheel bolt, which turns it. The amount of torque applied to the bolt depends on the force exerted on the wrench and the length of the lever.

In a car engine, the combustion process creates a force which acts on the piston and connecting rod. This is converted into a rotary force (torque) by the crankshaft, which in turn, drives the gearbox and drivetrain.

It should be noted that an engine with a high level of torque may not develop high levels of horsepower.

Benefits

Torque provides everyday usability and allows increased flexibility for drivers. BMW diesel engines provide high levels of torque at low engine speeds; this

ensures high performance is available in any gear, therefore reducing the amount of gear shifting required.

Turbocharger

The term 'turbocharger' is used to describe the device in internal combustion engines used to improve performance through a process of forcing compressed air into the engine's combustion chambers. This allows a higher amount of fuel to be burned which in turn results in a higher power output.

Turbochargers work by obtaining their power from the engine's exhaust gas. This waste gas then travels through a turbine, which in turn spins the compressor. A Variable Nozzle Turbine (VNT) involves the use of a turbine housing that can change its internal configuration to adapt to variations in the engine's air boost requirements. VNT works by adjusting the gas flow cross section at the inlet of the turbine wheel in order to optimise turbine power with the required load. At low engine speeds and low gas flows, the vanes of the VNT close, thereby reducing the inlet area to the turbine. This results in an increase in turbine inlet pressure, which increases turbine power and creates higher engine boost pressure. At high engine speeds and loads, the vanes open, thereby increasing the turbine inlet area. This has a combined effect of preventing over-boost and reducing engine outlet pressure for improved fuel economy at high load operating conditions. VNT turbochargers also help to control exhaust emissions.

Benefits

By increasing the turbine inlet area, overboost is prevented and engine outlet pressure is reduced, for improved fuel economy at high load operating conditions. VNT turbochargers also help to control exhaust emissions.

Twin turbocharger

BMW uses two different configurations of twin turbos in their engines. In the diesel engines, an in-line variable twin turbocharging system is used, whilst in petrol engines, a bi-turbo arrangement is used, featuring two small turbochargers of the same size, each serving a different set of cylinders.

For twin turbo engines, two turbochargers of different sizes are connected in series to guarantee unrivalled responsiveness and amazing power.

The two turbochargers work hand in hand: the smaller of the two at low engine loads, the larger one at higher engine loads, and both together in between. Therefore for the variable in-line twin turbo engines, there are three basic operating modes:

- At low engine loads, the intake air flows through the large turbocharger and is compressed in the small one. Because of its optimum efficiency for this range, it breathes power into the engine almost immediately from idling (avoiding turbo lag).

- As load increases, so does the importance of the second and larger turbocharger, which is used as a pre-compressor at first. In the small turbocharger, the intake air is then compressed even further. A turbine control valve distributes the exhaust flow variably to both turbochargers and therefore controls their interaction.
- At higher engine loads, only the larger turbocharger works.

Benefits

The two-stage turbocharger design resolves the conflict between good response at low speeds and plentiful top-end power. It also provides an unrivalled synthesis of dynamics and high eco-friendliness (EU4 classification). Finally, its very high efficiency ensures particularly low fuel consumption.

Variable turbine geometry provides high torque throughout the engine's range in addition to optimised fuel consumption and decreased emissions.

VALVETRONIC

VALVETRONIC determines by how much the inlet valves open. At any given time, the quantity of combustion air required in the engine's cylinder depends on load. The further the accelerator is depressed the more air the engine has to induct in order to achieve the optimum fuel-air mixture inside the cylinder. Conversely, the engine needs less air at low load, for example when idling. VALVETRONIC regulates the quantity of air that the engine inducts for combustion by varying the opening of the inlet valves. Pressing down the accelerator pedal activates an electric motor(s). This ensures the required valve lift by means of an eccentric shaft(s) and connecting lever, with VANOS controlling the valve opening times.

VALVETRONIC varies valve lift to a far greater degree than any other system. In certain operating ranges, it varies valve lift so much that it acts in place of the traditional engine throttle with the valves completely controlling the engine's breathing (air intake).

Benefits

By allowing the valves to control engine breathing, VALVETRONIC significantly reduces engine power loss at lower loads. Valve lift is tailored precisely to operating conditions – small valve opening for lower loads, larger valve opening for higher loads. In low speed and light-load driving, engine operation is especially smooth because of the small valve lift. VALVETRONIC provides increased torque, coupled with lower fuel consumption and a reduction of harmful emissions.

VANOS variable valve timing

VANOS is the acronym for 'VAriable NOckenwellen Steuerung', German for 'variable camshaft control' or 'variable valve timing'. Whereas VALVETRONIC determines how much valves open, VANOS determines when the valves

open. Variable valve timing means the valves can be opened or closed at various points in the combustion cycle.

- VANOS varies inlet valve timing according to engine operating conditions, enhancing low to medium-speed torque whilst reducing emissions and fuel consumption. In contrast to some competitor variable valve timing systems, VANOS varies valve timing infinitely (rather than having simply a low and high-speed setting). VANOS uses oil pressure to adjust the valve timing, dependent on engine revs, load and temperature.
- Double-VANOS varies the timing of both the inlet and outlet valves according to the specific needs of the engine (many competitor systems still vary inlet valve timing only). The cylinders are fed the optimum fuel/air mixture to deliver a seamless wave of power and torque.
- Bi-VANOS refers to two separate VANOS units that are installed on the two banks of a V-configuration engine. On a V8, there is one VANOS unit for cylinders one to four and one unit for cylinders five to eight. It is possible to have a Bi-VANOS system that incorporates two Double-VANOS units.

Benefits

VANOS optimises engine performance, economy and emissions control. Fewer unburned residual gases improve idling, and special engine control maps for the warm-up phase enhance the effectiveness of the catalytic converter. This ensures smoother idling, more progressive response in stop-and-go traffic and reduced fuel consumption.

Transmission

Adaptive Transmission Management (ATM)

Available on cars with automatic transmission, Adaptive Transmission Management constantly changes the driving characteristics of the vehicle, adapting to whoever is driving and to varying road conditions. ATM is able to determine if the vehicle is going up or down hill, how hard it is being driven, the type of road surface and if the 'Sport' programme has been selected. It then selects the most appropriate programme and gear to match the performance required. For example:

- Individual gears are shifted at higher engine revs if the driver favours a sportier driving style or at lower engine revs if the driver enjoys a more relaxed style.
- ATM also constantly monitors the position and operation of the accelerator pedal and compares wheel slip and drive forces. If wheel slip is detected, the system employs a special programme to adjust shifting behaviour to the specific road conditions.

Benefits

ATM constantly adapts the character of the vehicle to road conditions and to the driver's preferred driving style.

BMW automatic transmissions

All current BMW automatic transmissions provide full electronic control with Adaptive Transmission Management (ATM) and the Steptronic system.

The six-speed automatic transmission with Steptronic for manual gear shifting improves vehicle dynamics by adding a sixth gear. Thanks to the use of new technologies, the transmission has a compact, lightweight design. This is partly due to combining the electronic and hydraulic control functions in a single unit (sometimes referred to as 'Mechatronics').

BMW automatic transmissions also incorporate important safety features:

- Shiftlock makes sure that the gear lever can only be moved from Neutral or Park into a drive gear when the driver's foot is on the brake pedal
- Interlock allows the key to be pulled out of the ignition only when the driver has moved the gear lever to position Park.

Benefits

BMW automatic transmissions optimise gear change quality (faster and smoother shifting), performance (broader spread of transmission ratios) and fuel economy. Additionally, the reduced number of interfaces within the transmission increases reliability.

BMW manual transmissions

BMW manual transmissions come with a six speed gearbox and are available in many different variants; the gearbox is matched to the output of the engine and tailored to meet the exact requirements of the individual model.

The manual gearbox offers drivers total control over the gears they choose to drive in and when they wish to change up or down gear, dependent upon the driving situation.

Benefits

BMW manual transmissions are engineered to provide precise control and a high level of driving pleasure.

Sequential M Gearbox (SMG) with DRIVELOGIC

The Sequential M Gearbox with DRIVELOGIC enables the driver to adjust gearshift characteristics by means of 11 driving programmes (six sequential, five automatic) to their personal style of driving, ranging from reserved but dynamic all the way to ultra-sporting.

Paddle switches on the steering wheel reduce the time required for gear changing to between just 50 and 80 milliseconds (depending on model). The driver presses the paddle on the right to change up and the paddle on the left to change down.

An electro-hydraulic system performs the mechanical clutch engagement and gearshift process. Numerous special functions such as the uphill gradient and acceleration assistant or shift lights are also incorporated into the Sequential M Gearbox.

Benefits

The Sequential M Gearbox with DRIVELOGIC is a high performance drive concept combining the benefits of the impressive transmission technology used in Formula 1 with all the requirements of everyday driving.

Servotronic

Servotronic is a special form of variable power assisted steering and uses the vehicle's road speed to determine the power assistance required. Some Servotronic systems include a Sport button, which enables the driver to manually select a steering curve which matches their driving style, by stiffening the steering when this button is pressed.

Benefits

Servotronic provides high levels of power assistance when parking and manoeuvring at low speeds, followed by a gradual reduction of power assistance as road speed increases, ensuring greater contact with the road at high speeds and, as a result, an even higher standard of steering precision.

Seven-speed M Double Clutch Transmission (M DCT) with DRIVELOGIC

M DCT is an innovative BMW M transmission that provides uninterrupted power delivery when shifting from one gear to another. This is achieved by combining the function of two gear boxes into one unit. While one gear is carrying torque to the drive shaft the gearing of the clutch pack not in use can be pre-selected based on information from the throttle position and rev counter. This makes it possible for one clutch pack to engage with the next gear at the same time as the other disengages the previous one resulting in seamless gear changes.

Benefits

M DCT results in faster acceleration compared to a manual transmission as well as achieving reductions in CO₂ emissions and increased fuel efficiency.

Sports Automatic Transmission

BMW have introduced the new Sports Automatic Transmission; this six-speed transmission incorporates a Sport button located behind the gear lever which, when pressed, allows gear shifts to be controlled using paddles mounted on the steering wheel. Simply push either paddle away from you to change down or pull towards you to change up, keeping your hands in full control of the steering at all times.

Benefits

Sports automatic transmission allows drivers to enjoy an even sportier drive, with minimum effort and maximum enjoyment. Using the paddles results in gear changes being even faster, resulting in an even more dynamic drive.

Steptronic system

Steptronic allows the driver to drive as if using a manual gearbox. The primary gear change gate provides the conventional Park, Reverse, Neutral and Drive gear change positions. Moving the gear lever to the left into the manual M/S slot enables Sport mode. In Sport mode 'S', gear changes occur at higher engine speeds for a livelier performance feel. The driver can make upshifts and downshifts at will by 'tipping' the gear lever forward for downshifts or backwards for upshifts. The operation requires no clutch and the current gear is displayed on the instrument panel.

Benefits

The Steptronic system allows drivers flexibility in their driving style. By giving them the option of driving with an automatic gearbox, yet having the option to change up or down gear when and if required, helps to customise the drive to individual preferences, dependant upon the type and length of journey and on the individual's preferred style of driving.

Variable M differential lock

An M differential lock works to ensure M cars handle with the best possible traction whatever driving situation they are faced with. Whilst conventional differential locks measure the difference in torque on the two drive wheels, the variable M differential lock operates an axial piston pump which reacts to the difference in speed between the wheels. The result is a significant increase in traction compared to conventional differential locks. If needed, 100% of the power can be apportioned to the wheel which has the most grip, offering excellent driving stability.

Benefits

The variable M differential lock significantly improves performance when starting and accelerating on slippery surfaces. It allows a particularly sporty style of driving because it minimises the risk of the drive wheels spinning on one side when taking a sharp corner quickly.

Wheels and chassis

Alloy wheels

BMW alloy wheels are strong, weight-efficient and tastefully styled for each model. In every case, the wheels are sized generously, rim diameters are large enough to provide plenty of space around the brakes for air cooling and widths provide a solid 'footprint' for excellent cornering and braking.

Benefits

Alloy wheels enhance exterior appearance and improve handling. Lightweight wheels make the suspension more responsive by reducing unsprung weight.

BMW Run-flat tyre system

BMW's Run-flat tyre system consists of self-supporting tyres, special wheel rims (EH2) and the Tyre Puncture Warning System. Run-flat tyres are identified by the letters 'RSC' printed in a circular logo on the sidewall of the tyre. The self-supporting tyres are distinguished primarily by their reinforced sidewalls, which include specific inserts and highly heat resistant rubber compounds. The EH2 (extended hump) rim is specially designed with raised humps that prevent the tyre bead from dislodging itself when deflated. These features allow a deflated tyre to maintain its essential shape and guidance characteristics for a considerable distance, so that when confronted with a punctured tyre the driver can continue on at reduced speed until reaching a place to have the punctured tyre replaced. With a light load, a vehicle fitted with these tyres can be driven for approximately 150 miles at speeds of up to 50 mph even with the tyres fully deflated.

Benefits

BMW's Run-flat tyre system is an important step forward in safety, convenience and space utilisation. Whilst essentially maintaining the handling and safety standards expected of performance tyres, the Run-flat system offers the following advantages:

- No roadside tyre changes.
- Tyre remains on the wheel, thanks to specially developed wheel rims.
- Stability systems (ABS, ASC+T and DSC) remain functional.
- Increased boot space because no spare is needed.
- If a tyre loses pressure the vehicle can still be controlled safely.

Integral rear axle

Made of aluminium, the integral rear axle significantly improves the vehicle's driving dynamics and its occupants' driving comfort. Forces fed into the suspension by the wheels are guided through four track control arms to the rear axle sub frame in a smooth, elastic process. The front swinging arm mount on the rear axle sub frame provides the longitudinal spring action, crucial for superior roll comfort.

Benefits

The integral rear axle ensures precise tracking and optimum ride comfort. It also helps maximise roll comfort and noise control. Most of the parts in the integral rear axle are made of aluminium, in order to reduce weight and help minimise fuel consumption as well as increasing acceleration performance.

M Sport, ES, SE, Sport

Vehicles across the BMW range are available in four model variants in addition to the base model; M Sport, SE, ES and Sport. Specific information and availability of these variants is dependent upon model. These variants offer additional standard and optional equipment to the standard models. See individual model sections for details.

Benefits

Optional equipment for both the interior or exterior of the car can provide the car with a more sporting look and feel, providing customers with the option of making their BMW more distinctive and aesthetically pleasing.

M Sport suspension

The M Sport suspension enhances sporty handling with minimal loss of ride comfort. The 'M' stands for BMW M, the competition and high performance division of BMW, whose philosophy of chassis tuning is applied to every optional sport suspension system.

Essential elements of the M Sport suspension system (except Z4) include:

- Lowered ride height.
- Firmer springs and shock absorbers.

- Differently sized anti-roll (stabiliser) bars (usually larger and firmer than the standard ones).

The Z4's sport suspension includes only the lowered ride height.

Benefits

The M Sport suspension provides more responsive handling, whilst maintaining high levels of comfort for the driver and passengers.

Speed-rated wide radial tyres

Every BMW model is equipped with premium steel-belted tyres. Speed ratings vary according to model. The rated speed is the highest sustained speed the tyre is designed for and is designated by a letter:

- T = 118 mph.
- H = 130 mph.
- V = 149 mph.
- W = 167 mph.
- Z = over 149 mph (open-ended; dependent upon vehicle application).

Benefits

Premium steel-belted tyres provide confident traction in a wide variety of weather conditions.

Variable-assist rack-and-pinion power steering

Variable-assist rack-and-pinion power steering is a very direct, sports-style steering layout that provides immediate feedback from the road surface, whilst suppressing jolting of the steering wheel. Power assist gives the driver natural road feel. However, there are differences in the way the assist varies:

- All steering racks are designed to be extremely sensitive when the steering is in the immediate centre area, but allow for excessive reactions as the steering angle increases excessively.
- Vehicle-speed-sensitive or Servotronic; Power assistance varies according to vehicle speed; greatest at low speeds, least at high speeds. This gives drivers good feedback at higher speeds and assists with parking manoeuvres at lower speeds.

Benefits

Variable-assist rack-and-pinion power steering provides a precise, responsive connection between the steering wheel and the tyres – providing superior operating dynamics, better ride comfort and greater vehicle safety.

Safety and technology

Active Cruise Control

In addition to the speed maintenance, acceleration and deceleration functions of standard cruise control, Active Cruise Control can adjust the driver's speed according to traffic conditions. Using a radar sensor at the front of the vehicle, Active Cruise Control senses the speed of vehicles travelling ahead, and adjusts vehicle speed to maintain a safe following distance behind.

- If the vehicle catches up to the vehicle ahead, the system automatically slows the vehicle down to retain an appropriate distance between the vehicles (there are four different settings available).
- Once the lane is free, Active Cruise Control automatically accelerates to return the vehicle to its preset speed.
- A light application of the brake pedal is enough to deactivate the system.

The capabilities of Active Cruise Control in no way relieve the driver of the responsibility to devote full attention to driving, to traffic and to all aspects of the driving environment.

Benefits

Active Cruise Control is particularly useful in steadily flowing traffic, often on motorways. It matches the vehicle speed to that of the vehicle in front. As a result the driver is more relaxed at the end of the trip.

Active Cruise Control with 'stop and go' function

Whilst Active Cruise Control monitors the traffic ahead and reduces or increases the vehicle's speed in response to this, the new 'stop and go' system uses a computer to determine whether to brake or accelerate, and enables the car to remain at a fixed distance behind the vehicle ahead, incorporating the 'stop' function when stationary traffic occurs. The system works at high speeds or in

slow moving traffic situations, resulting in the car being brought to a standstill. If the car is stopped for less than three seconds, it will then resume its programmed speed. If the car remains at a standstill for more than 3 seconds, the driver is required to reactivate the moving-on function manually, either by pressing the accelerator or control stalk.

The system should be used as an aid by the driver and but should not be solely relied on; drivers are still fully responsible and must ensure they drive in a safe manner.

Benefits

Active Cruise Control with 'stop and go' assists the driver in slow moving traffic or tailbacks. The system helps to make driving smoother in queuing traffic and assists drivers, through automatic acceleration and braking, where necessary.

Active steering

Active steering increases or decreases the steering transmission ratio as a function of vehicle speed. At low and medium speeds, the steering is much more direct than with a conventional steering system, resulting in improved handling. At higher speeds, BMW Active steering is even more indirect than conventional steering systems. Active counter-steering intervenes in dangerous situations, such as over or under-steering, or when braking on surfaces with limited grip.

Benefits

Benefits of Active steering include increased safety, as the vehicle stays on course in extreme circumstances. In addition, more brake pressure can be applied, which ensures reduced stopping distances. Using Active steering results in more agile handling and easier steering in any situation, particularly at low speeds.

Adaptive headlights

The Adaptive Headlight system consists of electromechanically operated headlights, which illuminate a corner the second the driver steers into it. With the headlight switch in its automatic position whilst the vehicle is moving forward (the feature is inactive when reversing), the outer lights steer with the front wheels, guided by an electronic control system and swivelled by small servo motors. The system responds to the steering angle and the rate at which the vehicle is changing direction.

Speed-dependent light distribution is a new function introduced to the Adaptive headlight system. Working to improve off-side road verge illumination, 'country mode' improves illumination in urban traffic at low speeds (below 25mph) and on B roads. When driving at high speeds, 'motorway mode' automatically extends the light beam to provide the driver with a better view of the road ahead by extending the headlight reach.

Cornering lights

Cornering lights compliment the functionality of Adaptive headlights, giving better lighting when carrying out low-speed manoeuvres such as parking, turning into a driveway, U-turns and taking extremely winding roads. When the indicator is activated at speeds below 25 mph, the cornering lights are activated and illuminate the area to the side of the vehicle. After the corner is taken, the lights dim and extinguish automatically. Cornering lights also facilitate safe reversing: when reverse gear is selected, both the left and right lights illuminate the area around the vehicle.

Benefits

Improved illumination of the road surface ahead at night enhances visibility, making night-time driving safer by helping the driver to spot obstructions and recognise dangerous situations earlier, whilst not hindering the vision of oncoming drivers.

Cornering lights provide additional illumination of the area to the side of the vehicle, making night-time manoeuvring and turning safer.

Advanced Safety Electronics

Safety engineers at BMW's Engineering and Research Centre in Munich aimed to tailor the restraint system's response to a more precise reading of each collision sequence. To achieve this, ASE employs a number of sensors (model dependant). Together they help minimise unnecessary deployment of airbags. The sensors include:

- Deceleration sensors.
- Two 'delta-V' sensors that analyse the change in velocity that occurs during a collision.
- Satellite side-impact sensors that sense pressure changes within the door structure.

Benefits

This elaborate constellation of sensors finely tunes airbag deployment to actual collision circumstances. System software can be updated over the life of the vehicle. Data useful to researchers can be retrieved from accident vehicles.

Airbags

In a BMW, all safety features complement each other perfectly. BMW uses airbags in all of its cars; if an impact takes place, airbag sensors activate a substance which causes the airbags to inflate and create a protective barrier around passengers.

- Two-stage driver and front passenger airbags inflate immediately when sensors detect that a significant front impact is occurring, reducing the risk of injury to the driver and front passenger. To ensure that the force of airbag inflation is appropriate to the severity of the collision, both front airbags are designed to provide 'softer' deployment in low-speed collisions and 'harder' deployment in high-speed collisions.
- The front and rear side airbags provide two vital functions in the event of a collision from the side. Firstly, they protect the occupant's upper body from injuries caused by external objects intruding into the vehicle. Secondly, they move the occupant's body away from the danger zone, reducing the effects of a side impact on the body.
- Head airbags (not available on convertibles) and side airbags combine to provide excellent side impact protection for the vehicle's occupants.
 - Inflatable Tubular Structure (ITS) head airbags safeguard against the dangerous effect by which the occupants' heads are subject to immense force and contact with the car (hyperflexion). The sides of these airbags are integrated with the frame of the roof and inflate instantly thanks to their honeycomb structure, forming an area of protection. When expanded, they cover the safety belt's height adjuster and front side windows diagonally, thereby delivering the best protection irrespective of the occupant's size or position in their seat,
 - The next-generation Advanced Head Protection System (AHPS) front-to-rear curtain head airbags combines the advantages of an ITS head airbag and the splinter protection offered by a curtain airbag. The head airbag now forms a stable cushion – much like the ITS structure – whilst also covering the entire side window area. In a side impact, rear passengers are protected by the very stable body and intelligently placed cushioning.

Benefits

Front airbags help reduce the risk of injury to the driver and front passenger in a front end impact. Head airbags safeguard the occupant's head from impacting against the door in a side on impact or rollover situation, whilst protecting it from the intrusion of external objects. Front and rear side airbags help reduce the risk of injury at the chest and hip level from a side impact.

Anti-lock Braking System (ABS)

The Anti-lock Braking System prevents wheels from locking under emergency braking to maintain steering control.

Benefits

The Anti-lock Braking System helps the driver steer whilst braking in an emergency by applying and releasing pressure on the locking wheel.

Anti-roll bars

Together with the highly rigid A columns and reinforced windscreen frames of every BMW Convertible or Roadster model, the anti-roll bars create a safe occupant cell should the vehicle overturn. Rollover sensors activate special high-strength roll bars that are integrated in or behind the seats, ensuring there is sufficient clearance for occupant's heads in the event of an accident.

Benefits

The on-board safety system recognises the warning signs of an impact, and deploys two roll bars in just a fraction of a second to ensure a safe occupant cell in Convertible or Roadster models. The anti-roll bars are also incorporated in a way that ensures design is not compromised.

Auto-dimming mirrors

Special interior and exterior mirrors (specification allowing) dim automatically when the headlights of other vehicles would otherwise dazzle the driver from behind. They immediately detect the dazzle effect and react within a fraction of a second.

A photocell pointing forward in the casing of the interior mirror measures the intensity of the light in front of the vehicle. A second photocell in the mirror itself measures the intensity of the dazzling light from the rear. An electronic regulating system compares the two light intensities – the greater the difference between the two light intensities, the stronger the dazzle effect and the stronger the dimming action. When the dazzle effect ceases, the mirror regains its original degree of reflection.

Benefits

Auto dimming mirrors enhance safety by allowing the driver to concentrate all attention on traffic and road conditions rather than adjusting mirrors to reduce glare.

Automatic Differential Brake (ABD-X)

Automatic Differential Brake works as part of the Dynamic Stability Control system. If a wheel threatens to slip or lose grip, it is braked individually; blocking momentum is then directed to the wheel opposite which guarantees optimum drive power. ABD-X still works, even if DSC or DTC are deactivated by the driver; here, ABD-X focuses on maximum forward drive and applies braking force only.

Benefits

ABD-X helps drivers to enjoy and experience the dynamic ability of their car, even when driving on difficult road surfaces.

Automatic headlight control

When switched on, automatic headlight control automatically switches on the headlights and all related lighting when ambient light drops below a certain level. In addition to brightness, the automatic headlight control system also monitors the number of sweeps of the windscreen wipers. This information enables the controller to switch on the low-beam headlights if visibility is impaired during the daytime on account of rain or snow.

Benefits

Automatic headlight control relieves the driver of the bother of switching the headlights on and off manually when driving along alternating bright and dark stretches of road, or when driving at dusk or dawn. Automatic headlight control is also a safety enhancing feature because it turns the low-beam headlights on in deteriorating weather conditions.

Automatic Stability Control (ASC)

ASC uses an intelligent regulation system to prevent the driven wheels from spinning, e.g. when accelerating, thus helping to ensure the best possible driving stability. If one wheel of the driven axle is on a high-grip surface whilst grip is lacking at the other wheel, the wheel threatening to slip can be braked allowing the drive torque to be delivered to the wheel with good traction. Engine power may also need to be restricted if severe wheel spin is encountered. If the wheel continues to slip the brakes will also be applied.

Benefits

ASC keeps the vehicle in control in difficult road situations by preventing the drive wheels from spinning, ensuring optimum safety on slippery road surfaces such as ice, snow, loose gravel etc.

BMW restraint system

The BMW restraint system consists of a combination of the three-point seat belt, pyrotechnic belt pre-tensioner, belt force governor and anti-submarining ramp in the seat. In the event of a collision, the belt pre-tensioner pulls back the belt buckle within a fraction of a second, tightening both the shoulder and lap belts in one process. A further advantage of this pyrotechnic device is its fast activation, increasing the effect of the safety system. The anti-submarining ramp, a wedged section at the front of the seat, ensures that the driver and front passenger cannot 'dive' beneath the lap belt.

Another key feature of the restraint system is its ability to release seat belt tension during an accident, if time permits. A seat belt that is pulled in too tightly

may, in some circumstances, cause harm to the occupants by applying too much pressure to the rib section. By releasing some of this pressure, the occupant still remains secure within the seat belt, but a greater proportion of the body's deceleration forces come from the appropriate airbag being deployed.

Benefits

The interaction of the seat belt, belt pre-tensioner, belt force governor and the anti-submarining ramp in the seat ensures optimum restraint in a collision.

Brake Force Display

Brake Force Display provides an additional lighting area and/or brighter illumination under heavy braking or any time the ABS goes into action. This signals to following motorists that the vehicle is braking hard. The function of Brake Force Display differs from model to model. Please refer to the BMW UK InfoNet for further details.

Benefits

The larger, brighter signal of the brake lights conveys the information that drivers behind need to gauge the urgency of their own braking manoeuvres and to react more quickly.

Condition Based Servicing

Condition Based Service is an intelligent vehicle maintenance system that employs sensors to monitor the condition of parts and to ascertain the extent to which servicing is necessary. This enables the vehicle itself to recognise when certain parts need to be replaced.

A microchip in the vehicle's remote control regularly stores this data and other information such as mileage, along with general information about the vehicle such as the model, chassis number, colour and upholstery code.

The key is therefore the interface between the vehicle and the BMW Dealer, who can access the stored data with a special KeyReader.

Benefits

With Condition Based Servicing, maintenance is not necessary until the vehicle actually needs it and therefore savings are measurable in terms of both time and outlay. Only those components that the vehicle calculates to be due for maintenance are serviced. The handover procedure is also streamlined by this process, as BMW Service reads the general information needed about the vehicle directly from the remote control in the key.

Cornering Brake Control (CBC)

If a vehicle is cornering (with a transverse acceleration of over 0.6g) and the driver applies the brakes, there is a possibility of the vehicle oversteering. Cornering Brake Control reduces the brake pressure to the inside rear wheel in order to maintain stability.

Benefits

Cornering Brake Control minimises the risk of the vehicle entering an oversteer situation when applying the brakes whilst cornering, thereby enhancing the stability and safety of the vehicle.

Crash sensors

When crash sensors detect a severe impact, the hazard lights automatically flash, the interior lights turn on and the doors unlock.

Benefits

The visual signals activated by the crash sensors alert others of the collision. Unlocking the doors facilitates emergency aid access.

Cruise Control

Cruise control operates via a stalk on the steering column, or by a multi-function steering wheel button that is easy to reach and easy to use. The system allows the driver to set a cruising speed which will be maintained until the system is switched off. The system is automatically switched off if the brake pedal or clutch pedal are pressed.

Benefits

Cruise control provides enhanced safety and driving comfort by reducing driver fatigue.

Cruise control with braking function

Working on the same principle as Cruise control, the braking function works to keep the vehicle at the pre-set speed in situations where the car may naturally accelerate or decelerate. Situations where the natural deviation from the pre-set speed may occur include travelling down a steep hill, or travelling around a corner.

Pre-conditions for the operation of this function include the vehicle speed being above 20mph, with the vehicle travelling in a forward gear (or 'Drive' for

automatic gearboxes), and the brake pedal must not be depressed. The parking brake must not be engaged, whilst DSC must be switched on, with no system faults present. The speed of the vehicle may still be altered by the driver manually if required.

Benefits

Cruise control with braking function allows drivers to control the car at a pre-set speed, with reassurance that this speed will remain constant in all driving situations, including cornering and steep gradients.

Daytime running lights

Daytime running lights illuminate both corona rings, helping other drivers to detect the vehicle earlier. Brighter than the parking lights or side lights, the daytime running lights provide BMWs with a distinctive presence on the road, and increase the vehicle's level of safety.

Benefits

Daytime running lights ensure that the car remains visible to other drivers during the day, even in poor weather conditions. As well as increasing safety, the lights add to the sporty character of the car, enhanced by horizontal LED light rods which add to the unique and unmistakable presence of the car on the road.

Door reinforcements

BMW doors are reinforced by diagonal aluminium cross braces complemented by door catch hooks. This combination – together with sturdy locks and hinges – results in particularly rigid doors.

Benefits

Door reinforcements enhance protection for the occupants of the vehicle, in the event of a side impact.

Dynamic Brake Control (DBC)

Dynamic Brake Control is a combination of Maximum Brake Support (MBS) and Dynamic Brake Support (DBS). MBS assists the driver in normal, non-panic braking, whilst driving a heavily loaded vehicle. When the ABS control range is reached at the front axle, MBS increases the pressure at the rear axle until the ABS control limit has been reached. DBS was designed because many drivers do not apply enough force to the brake pedal. The brake pressure generated by the driver is increased by a pump to such an extent that the front and rear axles go into ABS control mode. The driver can therefore achieve maximum deceleration.

Benefits

In the event of an emergency stop, Dynamic Brake Control ensures that maximum brake pressure is applied. This results in a significant reduction of the overall stopping distance.

Dynamic Drive (active anti-roll stabilisation)

Dynamic Drive minimises the roll ('lean') that would otherwise occur when cornering aggressively or changing lanes suddenly. Dynamic Drive also reduces the degree to which the steering wheel needs to be turned, rendering the vehicle more agile.

The system consists of:

- Active anti-roll bars, replacing conventional purely mechanical front and rear bars. (Each bar consists of left and right portions, twisted in opposite directions using a hydraulic motor.)
- A valve/sensor block containing various system valves and sensors.
- A lateral-acceleration sensor to detect the available traction when cornering.
- An Electronic Control Unit (ECU) regulating the entire system.
- A tandem oil pump with two sections to provide hydraulic pressure for Dynamic Drive and the power steering.

Whenever the vehicle enters a corner or bend, or begins an avoidance manoeuvre, 'lateral acceleration' is generated. This is read by the lateral acceleration sensor, which transmits a signal to the Electronic Control Unit. The ECU processes this signal and transmits it to the valve/sensor block. In turn, the valve/sensor block determines the hydraulic pressure to be applied to the active anti-roll bars to counter the body roll.

Benefits

Dynamic Drive reduces body roll when cornering. It improves handling by virtue of better suspension geometry (wheel angles relative to vertical), but there is a psychological component as well: drivers and passengers alike will marvel at the 'flat cornering' that results from Dynamic Drive.

Dynamic headlight range control

Dynamic headlight range control ensures that the range of the headlights remains constant, whatever the driving situation. Within milliseconds, the range of the headlights is adjusted in response to any change in vehicle attitude due to the load in the vehicle or due to aggressive acceleration or emergency braking. Axle sensors in the suspension measure the degree of spring

compression at the front and rear axles. A control unit compares these two figures and determines the vehicle's position at any given moment. To ensure that the dynamic headlight range control does not respond unnecessarily to minor irregularities in the road surface, the control unit also processes signals from the wheel-speed sensors, which enables it to determine if the vehicle is braking or accelerating.

The control unit uses the values it computes to optimise headlight beam throw. It drives motors that change the angle of the headlights and the throw of the headlight beams.

Benefits

Dynamic headlight range control ensures that the range of the headlights remains constant, whatever the driving situation. In this way the headlights always correctly illuminate the road surface, but do not dazzle oncoming traffic or vehicles in front.

Dynamic Performance Control

Twinned with BMW's benchmark xDrive four-wheel-drive system, Dynamic Performance Control enables exceptional roadholding and noticeably faster cornering by varying the power distribution between the left and right rear wheels. To enhance cornering agility, the system increases the drive torque applied to the outer rear wheel. This creates an additional steering force and ensures that the car enters bends willingly, and remains very easy to control.

Benefits

Dynamic Performance Control results in more responsive steering, increased stability and more traction, especially when accelerating out of corners. This allows the driver to corner at higher speeds with greater precision and higher levels of safety, and assists in challenging driving situations.

Dynamic Traction Control (DTC)

Dynamic Traction Control (DTC) is a sub function of Dynamic Stability Control. DTC is used to regulate traction by providing active stability control, whilst enabling a sportier style of driving.

Benefits

DTC limits wheelspin and improves driver control on slippery road surfaces such as sand or gravel or on road surfaces affected by rain, ice or snow. DTC allows increased levels of traction without a loss of power, enabling the driver to retain complete control over the car.

Dynamic Stability Control (DSC)

Dynamic Stability Control is an advanced traction control system which works to achieve optimum levels of grip. By monitoring each wheel, the system's computer can reduce the amount of power developed by the engine or apply the brakes to ensure the car stays on course.

Various sensors are used to continuously monitor the vehicle's actual status:

- Lateral acceleration sensor (measures how much grip the vehicle has during cornering).
- Brake pressure sensor and brake electric switches (inform the system of any application of the brakes by the driver).

Several sensors measure the vehicle's desired status as defined by the driver. The steering angle sensor measures the angle of the steering wheel and wheel speed sensors provide information relating to vehicle speed, wheel spin and wheel lock. If the system finds that the vehicle's actual and desired status differ to such an extent that an unstable vehicle condition is likely to develop, DSC steps in and performs a brake or engine management intervention. The vehicle can then be stabilised by means of braking individual wheels and dangerous swerving can be prevented within the limits imposed by the laws of physics.

DSC encompasses a complete set of subsidiary control systems:

- Anti-lock Braking System (ABS) helps the driver steer whilst braking.
- Automatic Stability Control (ASC) prevents the wheels from spinning during acceleration.
- Cornering Brake Control (CBC) reduces the brake pressure to the inside rear wheel when cornering in order to maintain stability.
- Dynamic Brake Control (DBC) reinforces the driver's pedal effort in emergency braking.
- Dynamic Traction Control (DTC) allows more wheelspin on limited grip surfaces to provide optimum traction.
- Electronic Brake-force Distribution (EBD) distributes braking force based on vehicle load distribution.
- Engine Drag Torque Control (MSR) prevents the rear wheels from locking on rapid downshifts.

Dynamic Stability Control Plus (DSC+)

DSC+ includes extended functions in addition to the standard DSC system.

- Brake drying automatically and regularly dries the brake pads in wet conditions improving brake response.

- Brake fade compensation ensures consistent braking even after repetitive heavy braking manoeuvres.

If the brake temperature continues to rise the DSC will reduce engine power before damage to the braking system occurs.

- Brake pre-tensioning reduces the time taken to apply full braking power in an emergency by moving the brake pads and brake disks closer together when the driver releases the accelerator pedal quickly.
- Hill-start assistant prevents the vehicle from rolling backwards when driver moves their foot from the brake pedal to the accelerator on an uphill gradient.
- Soft stop automatically reduces the braking pressure on the rear axle just before reaching a standstill, resulting in smoother stops and reduced brake drive.

* Please note: Features may vary slightly from model to model, so please check relevant marketing literature.

Benefits

If sensors indicate that the driver may be losing control of the vehicle, the Dynamic Stability Control (DSC) system immediately intervenes, in conjunction with the Engine Management System, and brakes individual wheels as required to regain stability. DSC enhances overall driving stability and improves control on a variety of surfaces.

In addition DSC+ enables more comfortable and faster braking capabilities in both wet and dry conditions whilst eliminating brake fade and preventing the vehicle from rolling backwards when driving uphill from a standing start.

Electromechanical Parking Brake (EPB)

The Electromechanical Parking Brake, controls all braking processes whilst the vehicle is stationary. Operated by a switch in the centre console which replaces the traditional handbrake, it works whether the engine is switched on or off.

Offering 'Autostop', the brake is automatically applied when the vehicle comes to a stop. Also, 'Hillhold' works by applying the parking brake when the vehicle is stopped on a slope. This prevents unwanted rolling, and disengages once the car starts to move again.

Benefits

The Electromechanical Parking Brake ensures that the vehicle remains at a reliable standstill. Whether the engine is switched on or off, positioned on a slope or a flat surface, the driver can be assured that the car will remain stationary.

Electronic Brake-force Distribution (EBD)

Electronic Brake-force Distribution is a function of DSC. Whenever the brakes are applied, a vehicle's front end becomes more heavily loaded and the rear becomes lighter. To deal with this, BMW vehicles have technologies that adjust the front-to-rear proportioning of braking force according to braking severity. Via the wheel-speed sensors, Electronic Brake-force Distribution actually measures the amount of deceleration at each wheel when the brakes are applied and regulates pressure accordingly to the front and rear brakes.

Benefits

Braking force is apportioned optimally at all times, making best use of the available braking traction at the tyres and helping distribute brake and tyre wear more evenly.

Electronic Damper Control (EDC)

The Electronic Damper Control system uses sensors to continuously monitor all movements of the vehicle which influence its driving behaviour. The measurements are evaluated by a microprocessor and commands are sent to the dampers, where solenoid valves serve to infinitely adjust damper forces to changing road, load and driving conditions. Brake dive and body movements, for example on bumps, in bends or when accelerating, are reduced significantly. EDC has two programmes, Comfort and Sport, which are continuously variable depending on driving conditions.

Benefits

Electronic Damper Control combines supreme driving comfort with similarly outstanding safety on the road. At the same time, the system consistently guarantees optimum vibration control regardless of the load the vehicle is carrying.

Electronic Immobiliser (EWS)

BMW vehicles have a sophisticated protection system. The electronic immobiliser works to prevent people gaining unauthorised access into a BMW. Further, it prevents the car from being started unless the correct individual code from the key is recognised; once the ignition is switched on, a code will be read by the immobiliser, along with a changing code. If both pieces of information are received and are correct, a signal will then be sent to the Digital Motor Electronics in order for the engine to be unlocked. The key is equipped with a tiny transponder that stores an electronic code transmitted by a ring antenna around the ignition switch. Each time the key is removed, this code is changed. The vehicle can only be started if the key matches the new code.

Benefits

This feature has been shown to be highly effective in reducing the frequency of theft of BMW vehicles. Further, if a key is lost, it can be deactivated and replaced by a dealer without delay, preventing any unnecessary inconvenience to the customer.

Front seatbelt pre-tensioners and force limiters

Automatic pre-tensioners tighten the front seat belts in a collision, further optimising the restraint of occupants. They are integrated into the belt buckles, mounted on the inboard side of each front seat.

Upon impact the mechanism moves the buckle downward to tighten the shoulder and lap belt portions directly, thus removing any slack as a result of the occupant wearing bulky clothing.

All current BMW front seat belts are also equipped with force limiters which, once the belts are tensioned, place an upper limit on the amount of force they can exert on the occupant's body.

Benefits

Pre-tensioners and force limiters help reduce the risk of injury to front seat occupants in certain frontal collisions.

Head-up Display

Head-up Display helps to enhance drivers' comfort and all-round safety when driving. A unit within the dashboard projects a virtual image into the driver's direct line of sight. This image displays a variety of information, and because it appears to be at the tip of the bonnet, the driver does not need to remove his or her focus or eye line from the road ahead and therefore can maintain their concentration on driving.

The image can display, for example, the speed at which the vehicle is travelling or arrows indicating directions supplied by the Navigation system. Driver assistants such as Active Cruise Control and the Check/control can also be added to the display.

Measuring some 18 x 10 cm in size, the projection is clearly visible in all driving conditions and the brightness of the image can be varied in accordance with personal settings, stored in the vehicle's Personal Profile.

Benefits

Head-up Display provides essential information about the vehicle's performance without requiring the driver to remove his or her focus from the road ahead.

High-beam assistant

High-beam assistant manages the operation of dipped and main beam lights whilst driving at night. The system comprises primarily of a camera located in the interior rear-view mirror housing. The camera monitors the light from any source at the front of the vehicle (e.g. rear lights of a vehicle in front, street lights, headlights of an approaching vehicle) which then triggers the system to automatically operate the dipped or main beam function of the Xenon headlights. This system can be overridden by either manually selecting the 'On' position for the headlights or by using the dipped beam selector on the indicator stalk.

Benefits

High-beam assistant enables optimum light control and visibility at all times with improved focus on the road and a reduction of actions required from the driver. It also reduces the possibility of dazzling from approaching drivers by automatically selecting dipped or main beam headlights.

Hill Descent Control (HDC)

Hill Descent Control (HDC) enables the driver of a BMW SAV to drive smoothly and safely down even the steepest hills or gradients. Without the driver having to apply the brakes, the SAV moves forward only slightly quicker than walking speed. This automatic speed control works as a part of the Dynamic Stability Control system to apply the brakes individually on all four wheels as necessary. Additionally, the brake lights come on automatically to warn drivers behind. By slight modulation of the accelerator or brake, the driver can vary the target speed.

HDC may also be operated via the cruise control buttons on the Multifunction steering wheel. Pressing the minus button (-), the driver can reduce target speed; pressing the plus button (+), the driver can increase target speed. HDC is switched on and off by a separate button in the centre console, but only becomes active at speeds below 21 mph. HDC is temporarily deactivated when the driver brakes to a halt.

Benefits

HDC helps the driver maintain a reduced speed and stability on steep downhill runs. The driver needs only to press a dedicated button on the console; HDC then takes over, gently applying the brakes as necessary to keep the speed to a brisk walking pace.

Impact-absorbing bumpers and deformation zones

Impact-absorbing bumpers and compressible 'crush tubes' at the front and rear of the vehicle help absorb the force of impact in collisions up to 2.5 mph. Special

deformation zones at the front (and rear on some vehicles) absorb impact forces at speeds of up to 9.5 mph without damage to the body.

Benefits

Impact-absorbing bumpers minimise damage to the vehicle's body and simplify repairs. Compressible 'crush tubes' help minimise damage to the chassis.

ISOFIX attachment

ISOFIX stands for International Standards Organisation FIX and is a recognised system to make fitting child seats safe and simple. The child safety ISOFIX attachment allows placement of a child seat comfortably and safely in the rear or front passenger seat. The child seats are firmly attached to the vehicle's body via extendable rods that are integrated within the seat. The retention rods fitted in the gap between the child seat backrest and base seat are barely visible. When fitted on the front passenger seat, optional de-activation of the front passenger airbag is available.

Benefits

ISOFIX makes tilting or oscillating of the child seat almost impossible and is an extremely easy system to use. Furthermore, the ISOFIX system does not cause any discomfort to adult passengers when not in use.

Lane Departure Warning System

Lane Departure Warning System warns the driver instantly if the car is about to leave its current lane unintentionally. Using an integrated camera fixed in the rear-view mirror which monitors and feeds back information to a computer regarding road markings and vehicle positioning, the driver is notified by a vibration through the steering wheel, to the threat of the car leaving its lane. This enables the driver to correct the positioning of the car before the car has left the lane completely, reducing the chance of collisions with other vehicles or pedestrians. The wheel will not vibrate if the indicator has been activated prior to the car leaving its lane, which alerts the system that the driver is intentionally moving the car out of its lane.

If the system is blinded by strong sunlight or fails to detect any road markings ahead, the Lane Departure Warning System will be turned off, as indicated by a symbol on the dashboard.

Benefits

This new driver assist system works well to prevent drivers from inadvertently moving out of their current driving lane, often caused by in-vehicle distractions, fatigue or long, monotonous journeys.

Night Vision

Night Vision incorporates an infrared camera into the lower front bumper which picks up heat signatures emitted from objects such as vehicle exhaust systems, humans or animals. The data picked up is then displayed onto the Control Display as a monochrome image.

Benefits

Night Vision enables improved visibility in low light conditions and awareness of potential hazards by offering an extended view of the road up to 300 m (instead of 150 m with Xenon headlights). Even far away objects are more easily identified due to digital zoom and panning facilities.

On-Board Diagnosis (OBD)

On-board diagnosis continuously monitors various sensors and systems for operational faults.

Faults are recognised and stored in electronic control unit memories, then read out by the service technician on a sophisticated diagnostic machine.

Benefits

Computerised on-board diagnosis makes servicing the vehicle easier and more cost-efficient.

Park Distance Control (PDC)

Park Distance Control employs four ultrasonic sensors in the front bumper (if applicable) and four sensors in the rear bumper to warn the driver when the vehicle is approaching objects or obstructions that may not be visible to the driver. All forward sensors and the rear corner sensors trigger a warning beep at approximately 60 cm distance from the object. The beeping becomes faster as the bumper approaches the object, turning into a constant tone when the distance closes to less than 30 cm.

The centre sensors in the rear bumper first trigger beeping at about 150 cm; when the distance is less than 30 cm, the beep becomes a constant tone. The front sensors cause a higher pitched tone; those at the rear trigger a lower-pitched tone. (The tones emanate from the appropriate end of the interior.) PDC activates whenever the ignition is on and reverse gear is engaged. A button is included with front PDC which can also be used to turn the system on. Drivers of certain models also have available a diagrammatic representation in the iDrive Control Display, supplementing the audio warning signal. The system automatically deactivates when the vehicle is driven

approximately 50 metres or reaches a speed of about 18 mph, and can be deactivated with the button.

Benefits

Park Distance Control helps drivers to avoid colliding with unseen obstructions. On current BMW vehicles, it comes in two forms: rear only and both front and rear.

Safety Battery Terminal

Within milliseconds of a collision, where there is a danger of a short circuit occurring within the starter motor system, the starter cable is pyrotechnically detached from the battery. The device triggers whenever an airbag deploys. Once the connection is severed, the engine cannot be cranked; however, separate wiring provides power for all operating and safety systems such as electric window lifts, the central locking system and hazard warning lights.

Benefits

The Safety Battery Terminal reduces the risk of fire in the event of a collision.

Service Interval Indicator

The Service Interval Indicator alerts the driver when the next routine service is approaching. A digital display in the instrument panel gives a precise indication about how far the vehicle can go before the next service must be carried out. Similarly, the scheduled date for the replacement of brake fluid is given by month and year. The system learns from each individual's style of driving and adjusts accordingly.

Benefits

The Service Interval Indicator enables the owner to plan for the next service and rewards careful driving.

Tyre Puncture Warning System (TPWS)

The Tyre Puncture Warning System regularly monitors the tyre pressures of all four tyres by comparing their rotational speed when the vehicle is being driven. Whenever tyre pressure drops by approximately 30% or more, the wheel's rolling radius changes significantly and rotates at a different speed from the other wheels. Via DSC's wheel-speed sensors, the Tyre Puncture Warning System recognises any such major deviation. Within one to three minutes, this system triggers a pressure-loss indication on the instrument panel,

plus an audible warning. In a vehicle equipped with the iDrive interface, the warning appears on the Control Display.

Benefits

Monitoring tyre pressure provides the driver with an early warning that helps prevent uneven tyre wear and reduces the risk of tyre damage. This is especially important with the use of Run-flat tyres as it is not always possible to detect a loss of pressure.

xDrive

xDrive is BMW's highly sophisticated four-wheel drive system, designed to provide drivers with the perfect balance of all-road traction and agile handling. In vehicles with a conventional four-wheel drive system, the distribution of drive forces is initially determined and remains fixed e.g. 62:38%. If one axle is moving over a slippery surface, then no force can be distributed to it and the wheels start to spin. In other words, fixed distribution means that the drive force on this axle is completely lost. With xDrive however, distribution of driving force is variable. The driving force is always distributed onto the axle that currently has the better traction. If, in addition, the wheels of one axle are rotating at different speeds, the faster spinning wheel is braked using DSC.

Four-wheel xDrive operates proactively, thus eliminating unstable driving conditions before they occur. The key component of xDrive lies in the drivetrain: a transfer case uses a multi-plate clutch to distribute the driving force variably and infinitely between front and rear axles. In this way xDrive continuously adjusts the distribution of the driving force to the current driving situation.

- Under normal driving conditions, the multi-plate clutch will regulate the available torque between both axles.
- The system determines which axle has the most grip and the available torque is applied to that axle. For example, if the vehicle's rear wheels are on ice and the front wheels are on tarmac, the front wheels will have more grip and therefore the torque will be applied to that axle.

xDrive constantly monitors and controls the current driving situation and correspondingly distributes the driving force between the two axles. With its variable distribution of power, xDrive guarantees exceptional traction on hill ascents over difficult terrain. BMW SAVs (Sports Activity Vehicles) master steep descents without danger thanks to Hill Descent Control (HDC).

xDrive also improves the agility and safety of the BMW SAVs. The system recognises imminent oversteer and understeer before they occur. By redistributing the driving torque (onto the rear axle in the case of understeer; onto the front axle in the case of oversteer), the vehicle is easy to steer and maintains stability whilst cornering. xDrive enables complete manoeuvrability

even at parking speeds. The driving force distribution between front and rear axles takes place quickly and sensitively. This leads to extreme agility in twisty bends and tight situations such as in multi-storey car parks.

Benefits

Thanks to the advantages of improved traction, the X3, X5 and X6 are able to set off on different slippery surfaces and especially on steep gradients without difficulty. The result is not only increased comfort for the driver, but also the comforting feeling that the vehicle will always move forwards with ease, even on extremely steep gradients in winter road conditions.

xDrive actively manages driving agility, continuously ensuring optimal traction and road holding, resulting in safe, precise vehicle behaviour in every situation. This added dynamism and agility translates into even more driving pleasure.

Xenon headlights for low and high beam (Bi-Xenon)

Xenon technology uses a light arc instead of an incandescent coil to create an intense light. Compared to conventional halogen headlights, Xenon lamps produce brighter, more daylight-like illumination.

All BMW Xenon headlights now include the bi-xenon function which now include the enhanced high beam functionality. The feature that enables this functionality is a mechanical shutter:

- When low beam is selected, the shutter moves into position to shut off the higher range of the light, to avoid dazzling on coming traffic.
- When high beam is selected, the shutter moves clear and all the light from the bulb can pass unhindered.

Benefits

Bright Xenon headlights throw a light similar to ordinary daylight to illuminate the side of the road and the area in front of the vehicle much more brightly than conventional low-beam halogen units. At the same time, Xenon headlights consume less energy than conventional halogen headlights and have a much longer service life.

Exterior equipment

Comfort Access

Comfort Access enables the driver to open the vehicle and start it without having to initiate a physical unlocking or starting process. In the case of unlocking the vehicle, when one of the door handles is pulled, the vehicle and key establish a radio communication through a number of transmitters and receivers, resulting in the vehicle unlocking on verification of your identity by means of the remote control key fob.

In a similar manner, when the driver presses the Start/Stop button, the vehicle attempts to identify the remote control via aerials located within the passenger compartment. The engine will refuse to start unless the aerials have detected the presence and identified the key fob remote control within the passenger compartment.

When the owner steps out of the vehicle, pressing the door handle can lock the vehicle. In the interest of safety, however, the vehicle does not lock itself unless the aerials report that the remote control is no longer within the passenger compartment.

Benefits

The owner can execute lock, unlock and engine start functions without having to hold the remote control, which may be useful if carrying heavy objects etc.

Personal Profile

Personal Profile consists of Car memory and Key memory. It allows BMW owners to electronically customise a wide range of vehicle-specific and driver-specific parameters:

- Car memory saves vehicle specific settings, such as drive away locking or the Follow-Me-Home function. You can also keep the driving lights on after the vehicle has been locked by operating the headlamps switch (the duration is dependent upon model).
- Key memory, on the other hand, relates to individuals. Up to four drivers can use this facility to save individual preferences for the electrically operated driver's seat and/or the Automatic Air Conditioning system and/or radio presets. When the driver unlocks the vehicle, various control units recognise which key has unlocked it and subsequently change the individual settings automatically.

Benefits

Personal Profile allows BMW owners to customise vehicle features to meet their individual needs, such as preferred seat settings, climate control and Follow-Me-Home lights.

Rain sensor

The rain sensor is mounted on the interior of the windscreen and detects the amount of water on the windscreen and, depending on severity, automatically adjusts windscreen wiper operation to suit changing weather conditions. The wipers react immediately to a change in the situation perceived by the sensors, for example if vehicles in front splash water onto the windscreen.

Moving the control stalk to its first 'on' position (or using the indent button on the wiper stalk) puts the wipers in their rain-sensing mode. The sensitivity to moisture can be adjusted by turning the rotary control on the stalk. In this mode the wipers adjust their wiping action.

Benefits

The rain sensor enhances driving comfort and safety. The windscreen is kept clear by optimised wiper action even when conditions change rapidly – for example when overtaking on a wet road.

Universal Remote Control

The Universal Remote Control can control up to three functions external to the vehicle, such as a garage-door opener, home security system or a home lighting system. According to Series, the Universal Remote Control is positioned either in the roof lining above the windscreen or in the housing of the interior rear-view mirror.

Benefits

The Universal Remote Control allows the driver to control external functions from the safety and comfort of the vehicle.

Interior equipment

Active Seat Ventilation

Active Seat Ventilation consists of axial fans positioned within the padding within the seats, four fans within the backrest, five within the seat itself. These fans work to bring the fresh air from the cabin into the seats and distribute this air evenly throughout the seat. This air then moves through the leather via special perforations, keeping perspiration from the driver and passenger to a minimum. Distribution of air between the backrest and the seat can be adjusted by the individual, based upon their own preferences.

Seats can be cooled using this feature, to prevent uncomfortable journeys when the seats become too hot from direct sunlight. However, seats may also be heated, if required, to ensure the driver is comfortable whatever the situation.

Benefits

By ensuring that air circulates throughout the seat constantly, moisture is removed, which in turn prevents the driver from experiencing discomfort or fatigue whilst on a journey.

Automatic Air-conditioning

Automatic Air-Conditioning provides both automatic control and a high degree of manual 'override' control of the climate control system. Automatic Air Recirculation, separate air distribution programmes, a condensation sensor (model dependant) and a solar sensor work together to provide the desired temperature even faster and keep it constant.

Key features of Automatic Air-Conditioning include:

- A solar sensor that measures the angle of the sun's radiation, enabling the Automatic Air-Conditioning system to quickly reach and maintain a pleasant temperature.
- One or two micro-filters (depending on the vehicle) that capture atmospheric particles down to a size of five microns (such as pollen, plant spores and other particles).
- Single or independent left/right side temperature controls (depending on the vehicle).
- Versatile override controls that allow users to select specific preferences other than the automatic settings.

- LED temperature and fan speed displays that show the current temperature settings and fan speed (model dependant).
- Automatic Air Recirculation (AAR) that recognises a high level of air pollution and automatically switches to recirculating air.

Benefits

Automatic Air Conditioning provides increased comfort in addition to that provided by conventional air conditioning. It uses advanced technologies like Automatic Air Recirculation, separate air distribution programmes and a solar sensor to provide the desired temperature, along with optimum heating and demisting quickly and consistently.

Comfort seats

With the comfort seats in the front, the length, inclination and height of the seat can be electrically adjusted to suit both the driver and front seat passenger, together with the angle of the headrest and armrests. These features are joined by backrest width adjustment, lumbar support and seat depth adjustment, as well as a memory function for both wing mirrors and an automatic threshold function on the driver's side.

Benefits

Multi-adjustable comfort seats provide the driver and all passengers with the ability to adjust the seats for optimum comfort.

Multi-function steering wheel

The Multi-function steering wheel has buttons for radio control, telephone control and two individual programmable keys. If Navigation is not fitted, these keys control air recirculation and audio source. The colour of the steering wheel inlays reflects the vehicle trim, enhancing the appearance of the interior of the car.

Benefits

Multi-function controls allow drivers to operate systems without having to take their hands off the steering wheel.

Sports seats

For a particularly intense driving experience, sports seats are designed to give maximum lateral support, practically 'hugging' the occupant. Features and functions include:

- Manual adjustment for length and height.
- Electric adjustment for side bolsters (as on M3).
- Tilt and thigh support.
- Nets on back of driver's and passenger's seat.
- Available in all cloth and leather upholsteries.

Benefits

With sports seats, the driver and front passenger feel safely positioned in their seats, even when driving in a more sporty way, with the sensation of more immediate road contact.

SunReflective Technology

SunReflective Technology is based on a modified dye pigment that reflects the sun's infrared rays. The pigment is incorporated into the leather used to upholster the seats and reduces the surface temperature of the seat surfaces by up to 20 degrees Celsius in comparison to conventional leather upholstery.

Benefits

SunReflective Technology guarantees a pleasant surface temperature even after exposure to strong direct sunlight.

Audio & Communication

Aerial diversity (FM only)

Multiple aerials (in various locations depending on model and body type) independently receive FM signals. These signals differ from each other because of the aerial's position. A system computer continuously monitors the signals and selects the best one or combines more than one together for a stronger signal.

Benefits

Aerial Diversity improves FM reception significantly over a single-circuit aerial by offering up to 15 different aerial combinations depending on the situation.

Bluetooth telephone preparation

Bluetooth wireless technology provides a wireless link to various pieces of equipment such as computers, printers, mobile telephones, laptops and organisers. Information connections are made without the use of cables. Bluetooth telephone preparation enables an approved mobile telephone to be connected to the vehicle's system, allowing full hands-free operation. Details of approved handsets for use with this option can be found at www.bmw.co.uk/bluetooth. Bluetooth enables communication between a mobile telephone and the car without requiring any wires.

Once connected, operation of the device is via the multi-function steering wheel or voice control, depending upon the cars individual equipment settings.

Benefits

Bluetooth technology allows the owner to operate mobile telephone devices inside the vehicle. Bluetooth enables your mobile phone to communicate with the car without the need for a standard 'wire' connection. Once the mobile phone has been connected with your vehicle, operation of the phone is via the multi-function steering wheel, or if fitted, the on-board monitor or voice control. For a list of compatible telephones go to www.bmw.co.uk/bluetooth.

Favourite buttons

Favourite buttons can be assigned with a function such as a destination address for the navigation system, a telephone number or an audio source, which can then be called up instantly. The eight buttons are touch sensitive and display a preview of the functions assigned to them when light pressure is applied. By pressing more firmly, the function is activated.

Benefits

Located within easy reach for both the driver and front passenger, the favourite buttons provide fast and convenient access to frequently used functions, customised to individual preferences. By pre-assigning functions to the buttons and reducing distractions faced by drivers whilst in the car, they are able to concentrate fully on driving, increasing safety in the car.

iDrive

iDrive is an innovative control concept allowing drivers to use their vehicles in an intuitive, interactive manner. The driving functions are separated from the comfort functions and as the number of switches and control units is reduced to a minimum, the driver is hardly distracted from traffic conditions.

- All major driving functions such as the ignition key receptor, the Start/Stop button and the control switches are arranged around the steering wheel, allowing the driver to concentrate in full on the road. This is called the Driver Area.

- Comfort functions such as the controls for the Automatic Air Conditioning are located in the middle, within direct reach of the driver and front passenger. All the comfort functions can be operated intuitively with one hand using the Control Display and the single input unit, the Controller. All functions are subdivided hierarchically into primary (e.g. radio volume, windscreen wipers and cockpit temperature) and secondary functions (e.g. fuel consumption display). This is called the Comfort Area.
- The Controller is located in the central console of the cockpit. With it, drivers can activate and use a host of secondary functions intuitively. Its main advantage over conventional systems is its deployment of force feedback. Drivers have at their disposal a simple layout: the Controller can be turned a certain distance in both directions and it possesses a midpoint in between. It also features a centred spring so drivers can scroll through longer lists ('jog-shuttle' effect), thereby engaging the drivers' sense of touch and reducing distractions from the surrounding traffic. There are up to eight menu subsections of the Control Display which are set out like an eight-point compass and the menus all adapt to suit each driver's individual preferences. As opposed to conventional systems, the display is separated from the regulating element: the Control Display and Controller are not one and the same.
- The Control Display is located in the central section of the upper dashboard. It displays all the functions which can be activated using the Controller, as well as a host of other data:
 - information from the On-board computer,
 - the settings of the Hi-Fi system and radio stations,
 - route plans from the Navigation system and information about the vehicle's servicing status.

LCD technology illuminates the screen from behind and maintains optimum contrast, ensuring that information is always easy to read regardless of how dark or light it is outside.

Benefits

iDrive allows the driver to operate and control a number of vehicle functions without being distracted by surrounding traffic conditions. Driving functions are easy to see and reach around the steering wheel. Laid out clearly in up to eight sections, the Control Display works with the Controller to provide the driver with fast, intuitive and easy regulation of the cabin comfort functions, allowing the driver to focus on the most important part of a BMW: the driving experience.

Navigation systems

BMW Navigation systems pinpoint vehicle location, define destinations, calculate the best route and provide voice directions via an LCD screen, electronic atlas and GPS satellites. There are two types of BMW Navigation systems: Business and Professional.

Navigation system – Business; uses a colour LCD display. Directions are given simply through arrows in the relevant display and voice announcements. Some of the later Business systems have 2D maps. The system uses both maps and directional arrows displayed on the iDrive display to guide drivers to their required destination.

Navigation system – Professional; adds functions to those of Navigation system – Business. Its split screen function allows the LCD screen to be divided into two sections, to display two different types of information at the same time – such as information from the On-board computer and route directions. All functions can be accessed safely by one hand. In the 1 Series, 3 Series, 5 Series, 6 Series and 7 Series, this is done via the Controller that is part of the iDrive system – The Global Positioning System (GPS) determines the vehicle position using satellite technology. During the journey, audible instructions and symbols on the screen provide assistance.

Benefits

The BMW Navigation system is a multi-functional system offering a wide range of information, customer-assistance and entertainment functions, all operated from a cleanly designed, ergonomically efficient control centre in the instrument panel. BMW Navigation systems are straight forward to operate, directing drivers directly to their destination with minimum effort and maximum driving pleasure by avoiding traffic hotspots (Traffic Message Channel).

On-Board Computer (OBC)

The On-board computer provides the driver with instant access to important vehicle information such as average fuel consumption, range and average speed. The information is clearly displayed on the instrument panel.

Two versions are offered:

- 'Basic' with four functions, including:
 - Outside-temperature display with audible ice warning (below 3° C),
 - Average fuel economy since last reset,
 - Average speed since last reset,
 - Expected range on remaining fuel.
- 'Premium' (as part of the Navigation system or iDrive) with at least eight functions, including:
 - Memo (reminder signal set to sound at a particular time),
 - Timer (stopwatch function),
 - Speed limit alert signal (set to sound at a chosen speed),
 - Distance to destination and estimated time of arrival,

- Expected range on remaining fuel,
- Average fuel consumption for two distances,
- Average speed since last reset,
- Security code.

Benefits

The On-board computer provides valuable information about trip features, fuel consumption and allows the owner to schedule information relating to these features.

USB interface

The USB interface allows BMW approved MP3 players and USB sticks to be connected to the car stereo system. On vehicles which have an optional armrest fitted, a pocket is available on the underside of the armrest which can accommodate the MP3 player. NB - full functionality of this option is only available when used in conjunction with a BMW connector lead.

Benefits

The USB interface allows drivers and passengers to play music from their MP3 players and USB sticks. Safety is also increased, as the device can be controlled via iDrive and the multi-function steering wheel, reducing the distraction of operating the audio device whilst driving.

Voice Control

The Voice Control system enables drivers to use the telephone, telephone directory, notebook function, radio system features and Navigation system without having to take their hands off the wheel. Voice instructions all derive from a preset store of vocabulary. The user says a term which is recognised by an identification system; the relevant function is then activated. It also features several useful functions such as the reduction of road noise and the ability to understand regional accent variations. The telephone directory possesses a redial function and can save a comprehensive list of telephone numbers (model dependant).

Selected models now feature an 'Extended Voice Control' system that is designed to operate by voice command almost 80% of the functions selectable through the iDrive Controller, using an intelligent menu system.

Benefits

The Voice Control system is an innovation which delivers greater safety for the driver on the road, along with increased comfort and ease of use.

BMW ConnectedDrive

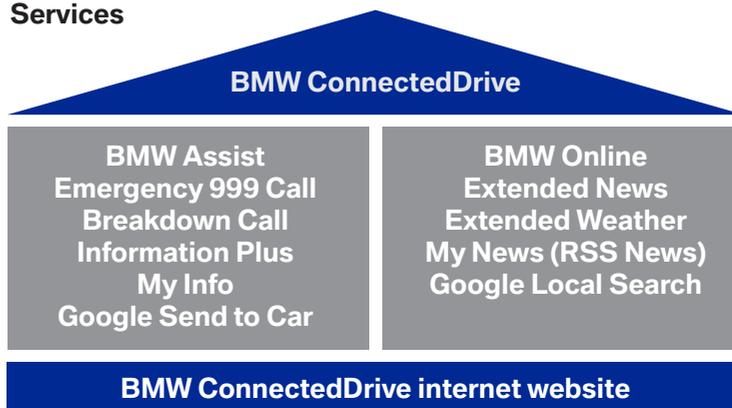
BMW ConnectedDrive provides telematic and online services that are fully integrated with the BMW Navigation and Bluetooth telephone systems. The services provide drivers and passengers access to key information from within the vehicle, helping them keep safe and in touch.

The ConnectedDrive services are supplied as standard for three years on all new BMW cars equipped with a Navigation system and Bluetooth telephone preparation with telematics. All the services operate via an embedded SIM card, so they are still available when there is no mobile phone in the vehicle. There is no cost to the customer to use the embedded SIM card; all costs are included in the three year account. Note: when a third party telephone number is sent to the car for use with a paired bluetooth telephone, a call to the third party would be billed as normal to the owner of the phone.

All ConnectedDrive services and the embedded SIM card are inactive when the vehicle leaves the factory. There is a registration form that must be completed to activate the SIM card and enable the services. To ensure ConnectedDrive is operational when the customer takes delivery of the vehicle, the dealer should arrange for the application form to be signed by the customer and faxed to Customer Services before the vehicle handover. In case this does not occur, every customer who has brought a new car equipped with ConnectedDrive will receive an application form and product literature with their welcome pack. Additionally, an electronic version of the application form is available from the owner area on www.bmw.co.uk/connecteddrive. Note: the electronic application form should only be used by the customer as there are specific terms and conditions for them to accept.

BMW ConnectedDrive services are not available in the Republic of Ireland, Channel Islands and the Isle of Man.

Services



Emergency 999 SOS call (E-Call)

The emergency SOS call provides a direct link to a 999 emergency call centre. This call can either be activated manually, or in extreme situations the sensors in the vehicle will automatically make the call and transmit the location to the emergency services. In either instance the driver can be assured that help can be despatched without delay.

Breakdown Call (B-Call)

This service gives a direct link to the BMW Service Centre. It automatically provides the operator with your vehicle details and position so that a BMW Approved Technician can be despatched quickly and easily.

Information Plus

Local information is available 24 hours a day wherever the vehicle is in the UK. Information Plus connects the driver to an operator who will be able to quickly access the information they need. They can request places of interest, from hotels and restaurants to museums or historical attractions. The information is then sent to the car and can then be used in the navigation system to plan a route to the destination, or to make a call on a paired bluetooth telephone.

My Info with Google Send to Car

From the BMW ConnectedDrive website the customer can send any address and telephone number to the vehicle using the My Info service. In the vehicle these details can then be accepted as a navigation destination or the telephone number can be transferred to a paired bluetooth telephone. The system used is more accurate than using a post code meaning the driver can be taken to the exact building rather than just the street.

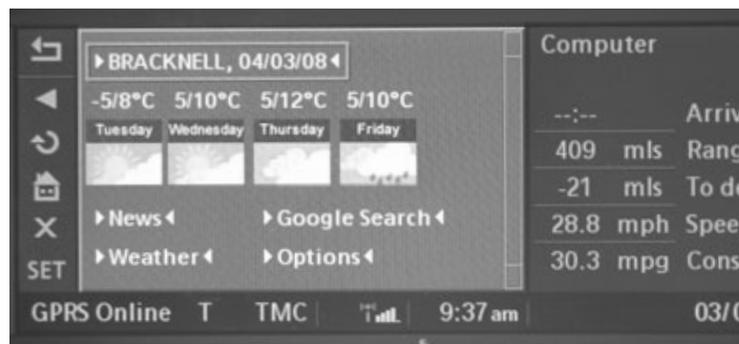
With My Info the user can also search for business listing addresses and telephone numbers with Google Maps. Once the required information has been found in the Google Maps search, it can be sent to the vehicle using the send-to-car function. As with addresses and telephone numbers from the ConnectedDrive website, the driver can accept the address into the navigation system or transfer the telephone number to a paired bluetooth telephone.

Extended News and Weather*

BMW ConnectedDrive provides access to a WAP based browser which connects to the BMW Online portal. The portal displays the latest Weather forecast and Extended News stories from the following categories; Top News, UK News, World News, Business News, Sports News, Entertainment News. The news content is provided AFP and is dynamically updated during the day.

My News*

Within the News area of the BMW Online portal, My News offers the customer a tailor-made news service. News agencies such as the BBC and Reuters publish news feeds in RSS format and they continuously update them throughout the day. The customer can choose up to 10 feeds from their preferred news providers by copying the URL (web address) for each chosen RSS feed into their profile on the BMW ConnectedDrive website. Each feed enables a headline and a short story to be displayed in the Control Display.



Google Local Search*

This service provides the customer with access to location based information via Google Maps, from the Control Display of the vehicle. Information can be requested at the current vehicle location, Navigation destination or at any other specific location. The content is taken directly from live Google Maps data and so it is always up-to-date.

Search results appear in a list format and are also displayed on a small Google map in the portal. Some results such as hotels and restaurants also include additional details including parking information or opening hours. If there is an image attached to the result, the customer can select it and it will be displayed in the Control Display of the vehicle. Addresses from search results can be transferred into the navigation system or the telephone number can be transferred to a paired bluetooth telephone.

BMW ConnectedDrive Internet Website

All BMW ConnectedDrive customers have access to www.bmwconnecteddrive.co.uk.

This is an exclusive website where the customer can log in and access a route planner with live traffic information and a text message service. The website provides a link to their vehicle by allowing them to send addresses and telephone

* Services are only available when the vehicle is stationary. Services do not apply to Z4 or X3 models.

numbers to their car. Additional services such as profile settings and a help page are also featured. To login to the website the customer will require their ConnectedDrive user name and password. They will receive these details by text message when their application form has been processed by Customer Services.

Key Customer Benefits

Free of charge for 3 years for every new car customer ordering Bluetooth telephone preparation and a Navigation system.

Service operate in the car through an embedded SIM card therefore every service works even when there is no mobile phone in the car.

When activated ConnectedDrive provides the car with a direct link to a 999 call centre (call can be triggered manually or automatically by the crash sensor in the vehicle).

With Information Plus, call centre staff are available 24 hours a day to provide business listing addresses and telephone numbers to the car.

A customer can send any address to their vehicle from the Internet – removes the requirement to write down addresses to then manually enter.

What should dealers tell customers?

This is a USP! Mercedes and Audi do not offer these types of services – this clearly sets BMW apart as more technologically advanced.

Over 30,000 BMWs will be equipped this year with ConnectedDrive services.

The automatic Emergency 999 service has already known to have helped several UK customers in emergency situations.

Generate the 'wow factor' by demonstrating the Google Maps send to car function. It often results in an 'I didn't know you could do that with a BMW' reaction.

Competitor Overview

Other vehicle manufacturers have developed in-car telematics systems, however, most manufacturers including Audi and Mercedes have not rolled out systems to the UK market. This gives us a clear competitive advantage over our primary competitors.

BMW is the only manufacturer who provides an in-car online portal. The only other vehicle manufacturers to offer telematics services in the UK are Volvo (On Call) and Alfa (Connect).

Volvo On Call:

Volvo On Call is available for every customer who orders the Communications Pack.

- **Emergency call** (manual and automatic). Either from the SOS button, or by automatic vehicle activation, the driver is linked to the 999 Emergency Services.
- **Breakdown assistance.** By pressing a button the driver is linked to the Volvo breakdown and recovery service.
- **Remote unlocking.*** Volvo Customer Services can remotely unlock the vehicle in the event of keys either lost or locked in the car.
- **Alarm.*** If the car's alarm system is triggered, Volvo On Call is notified after approximately 15 seconds.
- **Tracking.*** If the car has been stolen, it can be tracked by Volvo On Call using the vehicle GPS system. The system transmits a signal to the car to determine its position/route and direction.

* These additional On Call services are only available when the customer orders the Security Pack at an additional cost.

Alfa Connect:

The Connect service is free for one year when the customer orders a package with a navigation system, GSM telephone and a 10 disc CD changer. Connect puts the customer in touch with a 24 hour international call centre who can provide the following services:

- Roadside assistance.
- Traffic news and follow me service.
- Point of interest requests (hotel, restaurant, chemist, ATM etc).

BMW Individual

It's all in the detail

It begins with the desire to drive a car that fully meets your personal expectations. The more exact an individual's requirements, the more demanding it is to fulfil them. This, in many ways, is what makes BMW ownership so desirable – we maintain the highest standards to satisfy the highest demands.

There is, however, an opportunity to add an even greater degree of exclusivity. This is achieved through BMW Individual, a collection of scrupulously selected enhancements that allow the customer to make their own distinctive mark and to find their own aesthetic ideal. BMW Individual is BMW ownership at its most exclusive.

BMW Individual paintwork

A BMW Individual paint finish is much more than a colour. It instantly catches the eye with its compelling brilliance and ever-changing hues.

Key information:

- To create a BMW Individual paint finish a total of five coats are applied to the vehicle body. The first three layers are not visible in the final product yet still play a crucial role in cleaning and priming the surface. The fourth layer contains the BMW Individual pigments and brings the unique colour effect. The fifth layer, a deep clear lacquer, gives our paint finishes an unmatched shine and acts as a protective coating against scratches.
- The key benefit of BMW Individual paintwork is a unique appearance, achieved by special pigmentation methods.
 - Titanium dioxide is used to lend a shimmer to both Aventurine Silver and Moonstone metallic finishes.
 - Xyrallic paint finishes have a glitter effect as seen in Ruby Black, Azurite Black and Brilliant White.
 - Variochrome technology is employed to show an infinite variety of colours appearing under the surface in Diamond metallic.

BMW Individual Merino leather

When exclusivity comes naturally. The unique appeal of BMW Individual Merino leather begins with the painstaking selection of raw materials. Only perfect, unblemished leathers of the highest order can be used. The extra thickness of the surface lends the upholstery a unique presence and feel, while the sparing tanning process and barrel pigmentation techniques preserve the material's natural soft, supple qualities.

Key information:

- The hides for BMW Individual Merino leather come from specially-selected herds that roam free, with no barbed wire to damage their precious skin.
- The painstaking selection process for BMW Individual leather upholstery, and the strict quality controls, mean the leather is not suitable for series production – there simply isn't sufficient reserve.
- As BMW Individual Merino leather is not coated after the dying process it is more breathable than other leather upholsteries, making it both softer and more comfortable.
- Due to the natural variance from one hide to the next, and the minimal treatment employed, every BMW Individual Merino leather upholstery is subtly different and utterly exclusive.
- BMW Individual Merino leather is available in either Extended or Full formats. While Extended leather comprises a generous package in itself, Full leather brings additional Merino leather upholstery on the centre console, the door pockets and the lower section of the instrument panel, creating a truly unique and luxurious driving environment.



BMW Individual interior trim

The perfect complement to any BMW Individual leather upholstery is a BMW Individual interior trim. To ensure the desired effect, only a small number of wood types meet the stringent standards. Moreover all trims are hand-sorted, guaranteeing outstanding quality and colour-matching. The high-gloss surface of Piano Black trim, for example, is the result of a special process usually only applied by the world's leading piano makers. The unique appeal of Amarone Walnut interior trim, meanwhile, stems from the wood's deep ruby red colour, shared with the wine from which it takes its name.

Key information:

- BMW Individual trims add perceptibly to the standard wood trims in terms of both figuring and colour.
- To ensure absolute consistency of finish within the car, BMW Individual selects entire trees that are then reserved exclusively for BMW Individual interior trims.
- All materials used are of the highest quality, and are obtained from environmentally sound, sustainable sources.



Further BMW Individual options

A host of additional options are available from BMW Individual, from the BMW Individual leather steering wheel with wood or leather ring insert, to a unique alloy wheel programme.

For certain models, exclusive new BMW Individual technologies are also available to further personalise your BMW, including:

- BMW Individual rear seat infotainment
- BMW Individual centre console
- BMW Individual reading lights
- BMW Individual Audio System



Key facts for Dealers

- BMW Individual is available on the following model ranges:
 - 3 Series (including M3)
 - 5 Series (including M5)
 - 6 Series (including M6)
 - 7 Series
 - Z4 (including Z4M)
- BMW Individual options can be specified in one of two ways:
 - As a single option, or combination of single options.
 - As a Composition – a package of BMW Individual options, offering a substantial saving over the combined price of the included features.
- Full details of BMW Individual options and pricing are available in the Product Briefing area of the Dealer InfoNet. Note: this is for Dealer use only. A number of customer-facing printed materials are available, including model-specific BMW Individual flyers and a full BMW Individual range brochure. Part numbers and prices can also be found within Product Briefing.
- Above and beyond the communicated BMW Individual options, additional customer requests may also be investigated. However, these special requests are subject to certain manufacturing constraints. If your customer has a particular query you should send full details to product.marketing@bmw.co.uk.

BMW EfficientDynamics

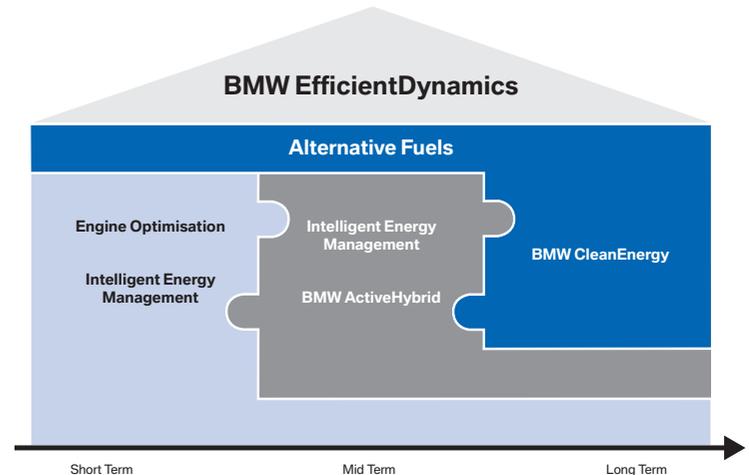
EfficientDynamics is BMW's philosophy that aims to lower emissions and improve fuel economy, whilst at the same time enhancing driving dynamics.

As demands on the world's energy resources continue to rise along with concerns about the impact of emissions on the environment, automotive manufacturers are under increasing pressure to address these critical issues.

Whilst many manufacturers are in the infancy stages of their developments, simply responding to the escalation of these issues, BMW has been committed to a long-term strategy of developing vehicles with high-levels of efficiency and superior driving dynamics for a number of years. BMW have recently received recognition for EfficientDynamics by winning the *What Car?* 'Green award' 2008, *CAR magazine* 'Green award' 2007, *Fleet News* 'Environmental Award' 2008, and 'World Green Car of the Year' 2008.

This continued long term focus on performance as well as the improvement of efficiency and emissions, is what differentiates BMW from the competition. Additionally all EfficientDynamics technologies are included as standard at no extra cost on BMW models, whereas most competitors charge their customers a premium for any environmental solutions included on their cars.

BMW's EfficientDynamics strategy is a consistent long-term approach to the solution of increasing performance at the same time as improving efficiency and emissions. This strategy can be divided into three different phases: short, medium and long-term.



Short Term

Engine Optimisation

The internal combustion engine will remain the main drive source for the foreseeable future. Therefore the first step in the longer-term vision towards zero emissions is the continuous optimisation of petrol and diesel engines.

BMW has presented outstanding innovations over recent years in this area. **High-precision direct injection** has been a key development in increasing power whilst achieving low consumption figures. With Piezo technology, the fuel injectors can now operate much faster and therefore fuel can be metered more accurately and can be injected multiple times in one cylinder phase, improving engine efficiency by up to 10%. Other developments include twin turbo technology, VANOS variable valve timing, Double-VANOS and fully variable VALVETRONIC valve lift. In each case these innovations have served to reduce fuel consumption and emissions, while consistently increasing engine output, flexibility and performance.

Intelligent Energy Management (IEM)

In the short term, Intelligent Energy Management systems work hard to make both the generation and use of energy as efficient as possible. IEM technologies currently in use are outlined below:



Auto Start-Stop – Stops the engine automatically whenever the car comes to rest and is taken out of gear – for example, at traffic lights – and restarts the second the clutch pedal is depressed, saving fuel and reducing emissions.



Intelligent Alternator Control / Brake Energy Regeneration – Intelligent Alternator Control monitors battery charge level condition, engaging the alternator only when the battery requires recharging. This reduces the demands on the engine, reducing fuel consumption and emissions. In addition, when the car is braking or coasting, this system automatically engages the alternator to charge the battery, recycling energy that would otherwise be wasted.



Electric Power Steering – By using an electric motor to assist the steering, the system is not only lighter in weight than conventional hydraulic power steering, but it is not drawing valuable engine power and using fuel. The driver also benefits from a varying level of power assistance to aid manoeuvring at lower speeds.



Optimum Shift Indicator – A small visual display on the car's instrument cluster shows the optimum gear for any driving situation. This gives drivers the opportunity to adopt a more fuel-efficient driving style.



Low-friction Fluids – Reducing fluid friction in an engine helps minimise wasted energy and, consequently, fuel consumption and emissions. BMW uses low-friction transmission fluid, engine oil and final drive fluid to help the vehicle run more smoothly and efficiently.



Lightweight Engineering – The use of advanced lightweight materials, such as thermoplastics, aluminium and magnesium alloy, reduce the overall weight of the vehicle, enhancing driving dynamics and improving fuel economy.



Active Aerodynamics – Actively controlled air flaps regulate air flow to the engine and braking systems. By opening and closing these flaps, the engine is able to reach its operating temperature quicker, whilst vehicle drag is also reduced – helping the car move through the air more easily and reduce fuel consumption and emissions.



Reduced Rolling Resistance Tyres - When a vehicle is being driven, the tyres are constantly flexing, a process which uses both fuel and energy. Special heat-resistant, anti-distortion materials are used in the sidewalls and tread of the tyres to reduce this tyre flexing and therefore lower emissions and improve fuel economy.

Medium Term

The medium term will see the development of a second-generation of Intelligent Energy Management technologies, and powertrain and transmission developments, alongside BMW ActiveHybrid technologies.

BMW ActiveHybrid

BMW ActiveHybrid describes developments aimed at reducing fuel consumption and emissions in the medium term through the use of hybrid technology - the combination of a conventional internal combustion engine with an electric motor. The BMW Concept X6 ActiveHybrid, showcased at the 2007 Frankfurt Motor Show, demonstrated the innovative BMW ActiveHybrid technology currently being developed. The emphasis here is on further optimising the internal combustion engine and creating a specific BMW electric drive.

BMW ActiveHybrid is a product of the Global Hybrid Cooperation, a strategic partnership between BMW Group, DaimlerChrysler and General Motors set up with the aim of jointly developing a hybrid drive concept. Each company is adapting the modular hybrid drive system to suit their brand requirements.

BMW ActiveHybrid incorporates new technologies in the form of the new Active Transmission and BMW Supercaps. These two components provide instant power delivery and considerably enhanced dynamics while ensuring further fuel savings and a reduction in CO₂ emissions.

- **Intelligent Active Transmission** – The Active Transmission is at the heart of the BMW Active Hybrid Concept. The casing of this automatic transmission contains an entire electric motor including clutches and the complete electronic management system. This electric motor can also work as a generator.

- **BMW Supercaps** – As the main energy storage devices, these are the distinguishing feature that sets this system apart from the competitor's hybrid solutions to date. These capacitors can store large amounts of electrical energy within fractions of a second and release it just as quickly. Energy is saved during braking manoeuvres and then released when required.

Long Term

BMW CleanEnergy

The use of hydrogen drive technology is the BMW CleanEnergy vision, and is a long term solution to reducing emissions and fuel consumption, with the ultimate aim of producing a drive unit with zero CO₂ emissions and the fuel source being supplied from renewable energy sources.

The CleanEnergy project concentrates on the use of hydrogen in the combustion engine meaning that the production of the hydrogen combustion engine itself can be integrated into the existing production process.

The BMW Hydrogen 7 is the first production-ready vehicle to be powered by hydrogen. Both the power delivery and driving dynamics achieved are consistent with those accomplished by a petrol engine. These vehicles are now ready for a full production run but this is not currently feasible due to the absence of the correct customer fuelling infrastructure.

Competitor Environmental Programmes

BMW EfficientDynamics is currently the most comprehensive programme of emissions reducing technologies and, unlike the competition, is included on the majority of BMW models.

	BMW EfficientDynamics	Audi	Mercedes-Benz BlueEFFICIENCY	Volkswagen	Lexus	Toyota
Petrol: High Precision direct injection			One engine only			
Diesel: High-Precision direct injection*		From 2008		From 2008		
Lightweight Engineering		Bodywork only	From 2008			
Auto Start-Stop			From 2008		On hybrid models	On hybrid models
Break Energy Regeneration					On hybrid models	On hybrid models
Electronic Power steering						
Optimum Shift Indicator		Selected models only	From 2008	Selected models only		
Automatically disconnecting ancillary Components						
Active Aerodynamics						
Reduced Rolling Resistance Tyres		Selected models only	From 2008			

* Third-generation common-rail  Standard  Not Available

1 Series 3dr/5dr E81/87

The BMW 1 Series 5-door Sports Hatch was launched in 2004 and went through a Lifecycle Impulse (LCI) in 2007 with visual modifications, power-booster engines and fuel-saving BMW EfficientDynamics technologies. The 1 Series 3-door also launched in 2007, offers a sporty alternative to the 5-door. The typical rear-wheel drive configuration, 50:50 weight distribution, powerful engines, high-grade equipment and dynamic chassis set-up offer a unique alternative in this particular market segment.

Performance and economy

- **BMW EfficientDynamics cuts emissions by up to 21%** in the new 1 Series models compared to previous models and improves fuel consumption by up to 24% (See 1 Series EfficientDynamics tables).
- **Increased outputs by up to 11%** with the new fuel efficient four-cylinder petrol and diesel engines and revised six-cylinder petrol engines powering the new 1 Series, with a consequential improvement in performance figures.

Design and styling

- **Noticeable improvements to interior styling for an even more premium feel** including: short shift gear lever; steering wheel; chrome rings around key instrumentation; lower dash; glove box lid; centre stack; door panels; integrated door boxes.
- **Subtle yet dynamic changes to exterior for a sportier all-round look.** Changes include: new front bumper with wider air intake; more prominent rectangular fog lights; dark rims introduced to the headlights; more upright appearance to the kidney grille; new rear lights and new rear bumper providing a stronger more imposing presence.

Enhanced Options

- **BMW Active steering** (optional for the BMW 130i, BMW 123d, and BMW 120d) further improves agility.
- **USB interface** enables playback of personal audio files via the speaker system.
- **Xenon headlights** with new daytime running lights and **Adaptive headlights** with new turning lights.

Did you know?

Producing 62.8 mpg (combined cycle) and 119 g/km CO₂ emissions, the 118d is currently the most economical and environmentally friendly production car within the BMW product range and winner of the World Green Car Award 2008.

The new BMW 1 Series will have a significant impact on cost of ownership for customers. Fuel consumption improvement means a 12,000 miles-a-year driver will save approximately £250 on their fuel bill. It also qualifies for 100% discount from the London Congestion Charge from October 2008.



Competitors

Primary competitors

Audi A3
Volkswagen Golf

Secondary competitors

Volvo C30, Alfa Romeo 147
Mercedes-Benz A-Class

Competitor Comparison	BMW 120d 3dr	Audi A3 2.0 TDi DPf	Volkswagen Golf 2.0 TDi	Volvo C30 D5	Alfa Romeo 147 1.9 JTDM 3dr	Mercedes A-Class 200 CDi
Power output (hp)	177	170	170	180	120	140
0-62mph (seconds)	7.5	8.2	8.2	7.7	9.6	9.5
Top speed (mph)	142	138	137	140	120	125
Combined fuel consumption (mpg)	58.9	48.7	47.9	45.6	48.7	52.3
VED Band	C	D	D	D	D	C
CO ₂ (g/km)	128	151	156	164	153	141

Data Source: Competitor websites.

■ = Best value in class.

Did you know?

The compact hatchback segment is particularly competitive and customers are increasingly opting for sports-style vehicles. The BMW 1 Series is the only car in its class offering rear-wheel drive, delivering superior roadholding and a more dynamic driving experience, and is also the most fuel efficient in its class.

Technical specifications

Engine	116i 3-door/ 5-door	116i ES 3-door/ 5-door	116i SE 3-door/ 5-door	116i M Sport 3-door/ 5-door
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1599	1599	1599	1599
Torque (Nm/rpm)	160/4250	160/4250	160/4250	160/4250
Power output (kW/hp)	90/122	90/122	90/122	90/122
Dimensions				
Length (mm)	4239	4239	4239	4239
Width* (mm)	1748 [1934]	1748 [1934]	1748 [1934]	1748 [1934]
Fuel tank capacity (litres)	53	53	53	53
Boot capacity (VDA method) (litres)	330-1150	330-1150	330-1150	330-1150
Wheels				
Wheels	Steel 6.5 J x 16	Light alloy style 229 6.5 J x 16	Light alloy style 222 7 J x 16	Light alloy style 207 M front 7 J x 17 rear 7.5 J x 17
Tyres (Run-flat)	195/55 R16	195/55 R16	205/55 R16	front 205/50 R17 rear 225/45 R17
Towing				
Permitted trailer load unbraked (kg)	650	650	650	650
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	1200	1200
Performance				
0-62 mph (sec)	10.1 (11.1) / 10.2 (11.2)	10.1 (11.1) / 10.2 (11.2)	10.1 (11.1) / 10.2 (11.2)	10.1 (11.1) / 10.2 (11.2)
Maximum speed (mph)	127 (126)	127 (126)	127 (126)	127 (126)
Fuel consumption				
Urban (mpg / litres/100 km)	37.7/7.5 (34.0/8.3)	37.7/7.5 (34.0/8.3)	37.7/7.5 (34.0/8.3)	37.7/7.5 (34.0/8.3)
Extra-urban (mpg / litres/100 km)	58.9/4.8 (53.3/5.3)	58.9/4.8 (53.3/5.3)	58.9/4.8 (53.3/5.3)	58.9/4.8 (53.3/5.3)
Combined (mpg / litres/100 km)	48.7/5.8 (44.1/6.4)	48.7/5.8 (44.1/6.4)	48.7/5.8 (44.1/6.4)	48.7/5.8 (44.1/6.4)
CO ₂ emissions (g/km)	139 (152)	139 (152)	139 (152)	139 (152)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	10	10	10	10

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

	118i 3-door/ 5-door	118i ES 3-door/ 5-door	118i SE 3-door/ 5-door	118i M Sport 3-door/ 5-door
Engine				
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995	1995
Torque (Nm/rpm)	190/4250	190/4250	190/4250	190/4250
Power output (kW/hp)	105/143	105/143	105/143	105/143
Dimensions				
Length (mm)	4239	4239	4239	4239
Width* (mm)	1748 [1934]	1748 [1934]	1748 [1934]	1748 [1934]
Fuel tank capacity (litres)	53	53	53	53
Boot capacity (VDA method) (litres)	330-1150	330-1150	330-1150	330-1150
Wheels				
Wheels	Steel 6.5 J x 16	Light alloy style 229 6.5 J x 16	Light alloy style 222 7 J x 16	Light alloy style 207 M front 7 J x 17 rear 7.5 J x 17
Tyres (Run-flat)	195/55 R16	195/55 R16	205/55 R16	front 205/50 R17 rear 225/45 R17
Towing				
Permitted trailer load unbraked (kg)	670	670	670	670
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	1200	1200
Performance				
0-62 mph (sec)	8.7 (9.2) / 8.8 (9.3)	8.7 (9.2) / 8.8 (9.3)	8.7 (9.2) / 8.8 (9.3)	8.7 (9.2) / 8.8 (9.3)
Maximum speed (mph)	130 (130)	130 (130)	130 (130)	130 (130)
Fuel consumption				
Urban (mpg / litres/100 km)	35.8/7.9 (34.4/8.2)	35.8/7.9 (34.4/8.2)	35.8/7.9 (34.4/8.2)	35.8/7.9 (34.4/8.2)
Extra-urban (mpg / litres/100 km)	60.1/4.7 (56.5/5.0)	60.1/4.7 (56.5/5.0)	60.1/4.7 (56.5/5.0)	60.1/4.7 (56.5/5.0)
Combined (mpg / litres/100 km)	47.9/5.9 (45.6/6.2)	47.9/5.9 (45.6/6.2)	47.9/5.9 (45.6/6.2)	47.9/5.9 (45.6/6.2)
CO ₂ emissions (g/km)	140 (148)	140 (148)	140 (148)	140 (148)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	12	12	12	12

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

Technical specifications

Engine	120i 3-door/ 5-door	120i ES 3-door/ 5-door	120i SE 3-door/ 5-door	120i M Sport 3-door/ 5-door
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995	1995
Torque (Nm/rpm)	210/4250	210/4250	210/4250	210/4250
Power output (kW/hp)	125/170	125/170	125/170	125/170
Dimensions				
Length (mm)	4239	4239	4239	4239
Width* (mm)	1748 [1934]	1748 [1934]	1748 [1934]	1748 [1934]
Fuel tank capacity (litres)	53	53	53	53
Boot capacity (VDA method) (litres)	330-1150	330-1150	330-1150	330-1150
Wheels				
Wheels	Steel 7 J x 16	Light alloy style 229 7 J x 16	Light alloy style 222 7 J x 16	Light alloy style 207 M front 7 J x 17 rear 7.5 J x 17
Tyres (Run-flat)	205/55 R16	205/55 R16	205/55 R16	front 205/50 R17 rear 225/45 R17
Towing				
Permitted trailer load unbraked (kg)	680	680	680	680
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	1200	1200
Performance				
0-62 mph (sec)	7.7 (8.3) / 7.8 (8.4)	7.7 (8.3) / 7.8 (8.4)	7.7 (8.3) / 7.8 (8.4)	7.7 (8.3) / 7.8 (8.4)
Maximum speed (mph)	139 (138)	139 (138)	139 (138)	139 (138)
Fuel consumption				
Urban (mpg / litres/100 km)	32.5/8.7 (33.6/8.4)	32.5/8.7 (33.6/8.4)	32.5/8.7 (33.6/8.4)	32.5/8.7 (33.6/8.4)
Extra-urban (mpg / litres/100 km)	55.4/5.1 (55.4/5.1)	55.4/5.1 (55.4/5.1)	55.4/5.1 (55.4/5.1)	55.4/5.1 (55.4/5.1)
Combined (mpg / litres/100 km)	44.1/6.4 (44.8/6.3)	44.1/6.4 (44.8/6.3)	44.1/6.4 (44.8/6.3)	44.1/6.4 (44.8/6.3)
CO ₂ emissions (g/km)	152 (150)	152 (150)	152 (150)	152 (150)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	13	13	13	13

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

Engine		130i M Sport 3-door/ 5-door
Engine		6 cylinder 24 valve
Capacity (cc)		2996
Torque (Nm/rpm)		315/2750
Power output (kW/hp)		195/265
Dimensions		
Length (mm)		4239
Width* (mm)		1748 [1934]
Fuel tank capacity (litres)		53
Boot capacity (VDA method) (litres)		330-1150
Wheels		
Wheels		Light alloy style 208 M front 7.5 J x 18 rear 8 J x 18
Tyres (Run-flat)		front 205/45 R18 rear 225/40 R18
Towing		
Permitted trailer load unbraked (kg)		725
Permitted trailer load braked (kg) on maximum gradient 12%		1200
Performance		
0-62 mph (sec)		6.0 (6.2) / 6.1 (6.3)
Maximum speed (mph)		155** (155**)
Fuel consumption		
Urban (mpg / litres/100 km)		23.2/12.2 (23.0/12.3)
Extra-urban (mpg / litres/100 km)		47.1/6.0 (47.1/6.0)
Combined (mpg / litres/100 km)		34.0/8.3 (34.0/8.3)
CO ₂ emissions (g/km)		197 (198)
Emissions management		EU4
Insurance		
ABI Insurance group rating		17

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

** = Electronically limited

Technical specifications

Engine	118d 3-door/ 5-door	118d ES 3-door/ 5-door	118d SE 3-door/ 5-door	118d M Sport 3-door/ 5-door
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995	1995
Torque (Nm/rpm)	300/1750	300/1750	300/1750	300/1750
Power output (kW/hp)	105/143	105/143	105/143	105/143
Dimensions				
Length (mm)	4239	4239	4239	4239
Width* (mm)	1748 [1934]	1748 [1934]	1748 [1934]	1748 [1934]
Fuel tank capacity (litres)	51	51	51	51
Boot capacity (VDA method) (litres)	330-1150	330-1150	330-1150	330-1150
Wheels				
Wheels	Steel 6.5 J x 16	Light alloy style 229 6.5 J x 16	Light alloy style 222 7 J x 16	Light alloy style 207 M front 7 J x 17 rear 7.5 J x 17
Tyres (Run-flat)	195/55 R16	195/55 R16	205/55 R16	front 205/50 R17 rear 225/45 R17
Towing				
Permitted trailer load unbraked (kg)	690	690	690	690
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	1200	1200
Performance				
0-62 mph (sec)	8.9 (9.0) / 9.0 (9.1)	8.9 (9.0) / 9.0 (9.1)	8.9 (9.0) / 9.0 (9.1)	8.9 (9.0) / 9.0 (9.1)
Maximum speed (mph)	130 (130)	130 (130)	130 (130)	130 (130)
Fuel consumption				
Urban (mpg / litres/100 km)	52.3/5.4 (40.9/6.9)	52.3/5.4 (40.9/6.9)	52.3/5.4 (40.9/6.9)	52.3/5.4 (40.9/6.9)
Extra-urban (mpg / litres/100 km)	70.6/4.0 (62.8/4.5)	70.6/4.0 (62.8/4.5)	70.6/4.0 (62.8/4.5)	70.6/4.0 (62.8/4.5)
Combined (mpg / litres/100 km)	62.8/4.5 (52.3/5.4)	62.8/4.5 (52.3/5.4)	62.8/4.5 (52.3/5.4)	62.8/4.5 (52.3/5.4)
CO ₂ emissions (g/km)	119 (144)	119 (144)	119 (144)	119 (144)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	11	11	11	11

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

Engine	120d 3-door/ 5-door	120d ES 3-door/ 5-door	120d SE 3-door/ 5-door	120d M Sport 3-door/ 5-door
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995	1995
Torque (Nm/rpm)	350/1750 / 350/2000	350/1750 / 350/2000	350/1750 / 350/2000	350/1750 / 350/2000
Power output (kW/hp)	130/177	130/177	130/177	130/177
Dimensions				
Length (mm)	4239	4239	4239	4239
Width* (mm)	1748 [1934]	1748 [1934]	1748 [1934]	1748 [1934]
Fuel tank capacity (litres)	51	51	51	51
Boot capacity (VDA method) (litres)	330-1150	330-1150	330-1150	330-1150
Wheels				
Wheels	Steel 7 J x 16	Light alloy style 229 7 J x 16	Light alloy style 222 7 J x 16	Light alloy style 207 M front 7 J x 17 rear 7.5 J x 17
Tyres (Run-flat)	205/55 R16	205/55 R16	205/55 R16	front 205/50 R17 rear 225/45 R17
Towing				
Permitted trailer load unbraked (kg)	720	720	720	720
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	1200	1200
Performance				
0-62 mph (sec)	7.5 (7.7) / 7.6 (7.8)	7.5 (7.7) / 7.6 (7.8)	7.5 (7.7) / 7.6 (7.8)	7.5 (7.7) / 7.6 (7.8)
Maximum speed (mph)	142 (140)	142 (140)	142 (140)	142 (140)
Fuel consumption				
Urban (mpg / litres/100 km)	46.3/6.1 (39.2/7.2)	46.3/6.1 (39.2/7.2)	46.3/6.1 (39.2/7.2)	46.3/6.1 (39.2/7.2)
Extra-urban (mpg / litres/100 km)	68.9/4.1 (64.2/4.4)	68.9/4.1 (64.2/4.4)	68.9/4.1 (64.2/4.4)	68.9/4.1 (64.2/4.4)
Combined (mpg / litres/100 km)	58.9/4.8 (52.3/5.4)	58.9/4.8 (52.3/5.4)	58.9/4.8 (52.3/5.4)	58.9/4.8 (52.3/5.4)
CO ₂ emissions (g/km)	128 (144)	128 (144)	128 (144)	128 (144)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	14	14	14	14

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

Technical specifications

Engine	123d SE 3-door/ 5-door	123d M Sport 3-door/ 5-door
Engine	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995
Torque (Nm/rpm)	400/2000	400/2000
Power output (kW/hp)	150/204	150/204
Dimensions		
Length (mm)	4239	4239
Width* (mm)	1748 [1934]	1748 [1934]
Fuel tank capacity (litres)	51	51
Boot capacity (VDA method) (litres)	330-1150	330-1150
Wheels		
Wheels	Light alloy style 141 7 J x 17	Light alloy style 207 M front 7 J x 17 rear 7.5 J x 17
Tyres (Run-flat)	205/50 R17	front 205/50 R17 rear 225/45 R17
Towing		
Permitted trailer load unbraked (kg)	740	740
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200
Performance		
0-62 mph (sec)	6.9 (7.0) / 7.0 (7.1)	6.9 (7.0) / 7.0 (7.1)
Maximum speed (mph)	148 (147) / 148 (148)	148 (147) / 148 (148)
Fuel consumption		
Urban (mpg / litres/100 km)	43.5/6.5 (38.7/7.3)	43.5/6.5 (38.7/7.3)
Extra-urban (mpg / litres/100 km)	64.2/4.4 (61.4/4.6)	64.2/4.4 (61.4/4.6)
Combined (mpg / litres/100 km)	54.3/5.2 (50.4/5.6)	54.3/5.2 (50.4/5.6)
CO ₂ emissions (g/km)	138 (148)	138 (148)
Emissions management	EU4	EU4
Insurance		
ABI Insurance group rating	16	16

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

116i

Engine

Catalytic converter
 Digital Motor Electronics (DME)
 Double-VANOS
 Four-cylinder in-line engine with high-precision direct injection with four-valve technology
 Oil level display

Transmission

Gear lever, short shift
 Six-speed manual transmission

Wheels and chassis

16" steel wheel with Aluminium-look covers with 195/55 R16 tyres
 Lightweight double-joint spring-strut front axle with aluminium strut brace
 Lightweight five-link rear axle

Safety and technology**Airbags:**

Airbags, front sides (seat-integrated)
 Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting
 Impact-Depending Airbag System (ID Airbags), driver and front passenger
 ITS head airbags – driver, front passenger and rear
 Passenger seat occupancy sensor, front

Alarm system (Thatcham 1) with remote control and engine immobiliser
 BMW EfficientDynamics Intelligent Energy Management system comprising:

Auto Start-Stop (MSA) (excluding models with Automatic transmission and 130i M Sport)
 Brake Energy Regeneration (iGR)
 Electric Power Steering (EPS) with Servotronic
 Intelligent Alternator Control (IAC)
 Optimum shift indicator (SPA) (excluding models with Automatic transmission)

Brake Force Display

Child locking system, rear doors (5-door only)

Deformation zones – front and rear with door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph

Disc brakes, front and rear with brake pad sensors

Safety and technology (cont)

Dynamic Stability Control (DSC) comprising:

Anti-lock Braking System (ABS)
 Automatic Stability Control (ASC + T)
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)
 Dynamic Traction Control (DTC)
 Electronic Brake-force Distribution (EBD)

First Aid kit and warning triangle

Halogen headlights

Head restraints – rear and foldable

High level third brake light

On-board diagnosis (OBD)

Run-flat tyres with Tyre Puncture Warning System (TPWS)

Seat belts – inertia reel at the front with pyrotechnical belt latch tensioner, belt force limiter, belt restrainer and manual height adjustment

Seat belts – three with inertia reel, rear (two when four-seat configuration is specified)

Side impact protection

Visible VIN

Seats

Child seat ISOFIX attachment, front and rear, with front passenger airbag deactivation

Five seats

Seat adjustment – front, manual

Seat height adjustment – front, manual

60:40 split folding rear seat

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection

Exhaust tailpipe – single, oval

Exterior mirrors – aspheric, electric adjustment

Exterior parts in body colour:

Bumper rubbing strips

Door handles

Lower bumper valances, front and rear

Roof rail gutters

Indicator lenses, clear

Standard equipment

116i (cont)

Exterior equipment (cont)

Kidney grille with black vertical slats
 Luggage compartment access via BMW badge on boot panel
 Non-metallic paintwork
 Wash wipe system, rear
 Windscreen washer jets
 Windscreen wipers with adjustable intermittent intervals

Interior equipment

Air microfilter
 Battery in luggage compartment with jump start facility in engine bay
 Central locking switch
 Courtesy lights, front and rear with soft on/off dimming
 Door sill finishers with BMW designation
 Electric windows – front and rear (rear 5-door only), with open/close fingertip control, anti-trap facility and comfort closing function (5-door)
 Elektra cloth upholstery
 Floor mats
 Handbrake, gear lever knob and gaiters in Sensatec
 Lights-on warning
 Luggage compartment strap for small items
 Silver interior trim
 Smoker's package
 Start/Stop button
 Steering column with manual reach and rake adjustment
 Storage compartments in door panels, front and rear (rear 5-door only)
 Sun visors with vanity mirrors and ticket pocket
 Three-spoke steering wheel
 Toolkit located in luggage compartment
 Two lashing eyes in luggage compartment

Audio and communication

Auxilliary input point for auxilliary playing devices
 BMW Business radio with single CD player
 On-Board Computer (OBC) comprising:

- Average speed
- Fuel consumption (average and current) and range
- Information display – analogue instruments combined with liquid crystal display
- Outside temperature display
- Personal profile functions

 Power socket in rear of centre console – 12V

118i

Equipment in addition to 116i

VALVETRONIC engine management

120i

Equipment in addition to 118i

16" steel wheel with Aluminium-look covers with 205/55 R16 tyres
 Exhaust tailpipe – single, oval, chrome-cover
 Titanium light interior trim

118d

Equipment in replacement to 118i

Common-rail injection system
 Diesel Particulate Filter (DPF)
 Digital Diesel Electronics (DDE)
 Incorrect fuelling protection system
 Oil level sensor with dipstick
 Turbocharger with variable turbine geometry

120d

Equipment in addition to 118d

16" steel wheel with Aluminium-look covers with 205/55 R16 tyres
 Exhaust tailpipe – single, oval, chrome-cover
 Titanium light interior trim

All ES models

Equipment in addition to base models

16" light alloy V-spoke style 229 with 205/55 R16 tyres (for 120i/120d) and with 195/55 R16 tyres (for 116i/118i/118d)
 Air conditioning, manual

All SE models

Equipment in addition to base models

16" light alloy Double-spoke style 222 with 205/55 R16 tyres
 Air conditioning, automatic
 Armrest – front, with storage compartment
 Exterior mirrors, heated
 Foglights, front
 Interior lights package
 Park Distance Control (PDC), rear
 Rear-view mirror, automatically dimming
 Three-spoke multi-function sports leather steering wheel
 Windscreen washer jets, heated

123d SE

Equipment in addition/replacement to SE Models

17" light alloy V-spoke style 141 with 205/50 R17 tyres
 Chromeline exterior trim (3-door)
 Door sill finishers with BMW designation, chrome plated, front and rear (rear 5-door only)
 Exhaust tailpipe – single, oval, black-chrome cover
 Handbrake lever, gear lever knob and gaiters in leather
 High-gloss Shadowline exterior trim (5-door)
 Network cloth upholstery
 Variable twin turbo

All M Sport models – four cylinders

Equipment in addition to SE models

17" light alloy Double-spoke style 207M with 205/50 R17 (front), and 225/45 R17 (rear) tyres
 Aluminium Glacier Silver interior trim
 Door sill finishers with M designation, chrome plated
 Handbrake lever and gear lever knob in leather
 High-gloss Shadowline exterior trim
 Individual Anthracite headlining
 M Aerodynamic package
 M Sport suspension
 Sport seats in Flashpoint cloth/Sensatec, front
 Three-spoke multi-function M leather steering wheel

130i M Sport

Equipment in addition to M Sport models – four cylinders

18" light alloy M Double-spoke style 208M with 205/40 R18 (front), and 225/40 R18 (rear) tyres
 Dynamic Stability Control Plus (DSC+) comprising:
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Hill-start assistant
 Soft stop
 Exhaust tailpipes – twin, round, chrome-covers
 Kidney grille, chrome with chrome vertical slats
 Rain sensor with automatic headlight activation
 Six-cylinder in-line engine with four-valve technology
 Storage package

Wheels and tyres

		Steel wheel	V-spoke style 229	Double-spoke style 222
Wheel size	front/rear	6.5 J x 16 (116i/118i/118d) 7 J x 16 (120i/120d)	6.5 J x 16 (116i/118i/118d) 7 J x 16 (120i/120d)	7 J x 16
Tyre size	front/rear	195/55 R16 (116i/118i/118d) 205/55 R16 (120i/120d)	195/55 R16 (116i/118i/118d) 205/55 R16 (120i/120d)	205/55 R16
	option code	n/a	2KH	2BT
				
	116i, 118i, 120i, 118d, 120d	■	□	□
	ES models	-	■	□
	SE models	-	□	■
	123d SE	-	-	-
		V-spoke style 255	V-spoke style 141	Star-spoke style 256
Wheel size	front/rear	7 J x 16	7 J x 17	7 J x 17
Tyre size	front/rear	205/55 R16	205/50 R17	205/50 R17
	option code	2KN	2KC	2R2
				
	116i, 118i, 120i, 118d, 120d	□	□	□
	ES models	□	□	□
	SE models	□	□	□
	123d SE	-	■	□
Key	■ = Standard □ = Optional - = Not available			

		Star-spoke style 142*	V-spoke style 217*
Wheel size	front/rear	7 J x 17 / 7.5 J x 17	7.5 J x 18 / 8 J x 18
Tyre size	front/rear	205/50 R17 / 225/45 R17	205/45 R18 / 225/40 R18
	option code	2CH	2KF
			
116i, 118i, 120i, 118d, 120d		<input type="checkbox"/>	<input type="checkbox"/>
	ES models	<input type="checkbox"/>	<input type="checkbox"/>
	SE models	<input type="checkbox"/>	<input type="checkbox"/>
	123d SE	<input type="checkbox"/>	<input type="checkbox"/>

		Double-spoke style 207M*	Double-spoke style 208M*
Wheel size	front/rear	7 J x 17 / 7.5 J x 17	7.5 J x 18 / 8 J x 18
Tyre size	front/rear	205/50 R17 / 225/45 R17	205/45 R18 / 225/40 R18
	option code	2MG	2MH
			
116i, 118i, 120i, 118d, 120d		-	-
	ES models	-	-
	SE models	-	-
	M Sport models	■	<input type="checkbox"/>
	130i M Sport	<input type="checkbox"/>	■

Key

■ = Standard

□ = Optional

- = Not available

*Snow chains cannot be fitted to these wheels

Optional equipment

Option Name	code	116i	116i ES	116i SE	116i M Sport	118i	118i ES	118i SE	118i M Sport	120i	120i ES	120i SE	120i M Sport	130i M Sport	118d	118d ES	118d SE	118d M Sport	120d	120d ES	120d SE	120d M Sport	123d SE	123d M Sport
Transmission																								
Automatic transmission	205	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Wheels and chassis																								
Active steering (Only with 530/534)	217	-	-	-	-	-	-	-	-	-	-	-	-	☐	-	-	-	-	☐	☐	☐	☐	☐	☐
M Sport suspension	704	☐	☐	☐	■	☐	☐	☐	■	☐	☐	☐	■	■	☐	☐	☐	■	☐	☐	☐	■	☐	■
Safety and technology																								
Adaptive headlights (Only with 521 and 522)	524	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Cruise control	540	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fog lights, front	520	☐	☐	■	■	☐	☐	■	■	☐	☐	■	■	■	☐	☐	■	■	☐	☐	■	■	■	■
Headlight wash	502	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Park Distance Control (PDC), front and rear	508	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Park Distance Control (PDC), rear	507	☐	☐	■	■	☐	☐	■	■	☐	☐	■	■	■	☐	☐	■	■	☐	☐	■	■	■	■
Rain sensor with automatic headlight activation	521	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	■	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Xenon headlights for low and high beam (Includes 502)	522	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Seats																								
Five-seats, deletion	4UK	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Lumbar support, driver and front passenger	488	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Seat adjustment - front, electric with driver memory	459	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Seat heating, front	494	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Sports seats, front	481	☐	☐	☐	■	☐	☐	☐	■	☐	☐	☐	■	■	☐	☐	☐	■	☐	☐	☐	■	☐	■

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

☐ = Optional ■ = Standard – = Not Available

Option Name

Exterior equipment

code	116i	116i ES	116i SE	116i M Sport	118i	118i ES	118i SE	118i M Sport	120i	120i ES	120i SE	120i M Sport	130i M Sport	118d	118d ES	118d SE	118d M Sport	120d	120d ES	120d SE	120d M Sport	123d SE	123d M Sport
Chromeline exterior*	346	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comfort Access system	322	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exterior mirror package (Not with 430)	313	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High-gloss Shadowline exterior trim*	760	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
High-gloss Shadowline exterior trim**	339	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Model designation deletion	320	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Towbar with removable ball head	235	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Interior equipment

Air conditioning, automatic	534	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Air conditioning, manual	530	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-	<input checked="" type="checkbox"/>	-	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-	-
Armrest – front, centre (In combination with 644)	473	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Glass sunroof with sliding and tilt function, electric adjustment	403	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Graduated tinted windscreen	3AP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Individual Anthracite headlining	775	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Luggage compartment separating net	413	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Modular ski bag	468	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear-view mirror, automatically dimming	431	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rear-view and exterior mirrors, automatically dimming (In combination with Comfort package, not with 313)	430	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smoker's package, deletion	441	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sun protection glass	420	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Steering wheels

Multi-function controls for steering wheel (Only with 255)	249	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Three-spoke Sports leather steering wheel	255	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or' = Optional = Standard - = Not Available
 * Only available with 3-door models ** Only available with 5-door models

Optional equipment

Option Name	code	116i	116i ES	116i SE	116i M Sport	118i	118i ES	118i SE	118i M Sport	120i	120i ES	120i SE	120i M Sport	130i M Sport	118d	118d ES	118d SE	118d M Sport	120d	120d ES	120d SE	120d M Sport	123d SE	123d M Sport
Audio and communication																								
Bluetooth telephone preparation (Not with 606/609, only with 473 and 663)	644	<input type="checkbox"/>																						
Bluetooth telephone preparation with telematics (Only with 612, 616 and 606/609)	633	<input type="checkbox"/>																						
BMW ConnectedDrive – Assist (Only with 606/609, 616 and 633)	612	<input type="checkbox"/>																						
BMW ConnectedDrive – Online (Only with 606/609, 612 and 633)	616	<input type="checkbox"/>																						
BMW Professional radio with single CD player (Not with 606/609/662)	663	<input type="checkbox"/>																						
CD changer for six CDs	672	<input type="checkbox"/>																						
Preparation for six CD changer (Only with 606/609/663, not with 662/672)	694	<input type="checkbox"/>																						
Hi-Fi loudspeaker system (Only with 606/609/662/663)	676	<input type="checkbox"/>																						
Hi-Fi loudspeaker system – LOGIC7 Professional (Not with 662/676, only with 606/609/663)	677	<input type="checkbox"/>																						
Navigation system – Business. In combination with Comfort package (Only with 255 and 534, includes 249 and 473, not with 442/609/644/662/663)	606	<input type="checkbox"/>																						
Navigation system – Professional. In combination with Comfort package (Only with 255 and 534, includes 249 and 473, not with 442/606/644/662/663)	609	<input type="checkbox"/>																						
USB interface (Only with 606/609/663)	6FL	<input type="checkbox"/>																						
Voice Control (In combination with 633/644, only with 609 and 249, not with 606/662/663)	620	<input type="checkbox"/>																						
Packages																								
Comfort package	Z8M	<input type="checkbox"/>																						
Dynamics package	Z8E	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	-
Interior lights package	563	<input type="checkbox"/>	<input type="checkbox"/>	■	■	<input type="checkbox"/>	<input type="checkbox"/>	■	■	<input type="checkbox"/>	<input type="checkbox"/>	■	■	■	<input type="checkbox"/>	<input type="checkbox"/>	■	■	<input type="checkbox"/>	<input type="checkbox"/>	■	■	■	■
Storage package	493	<input type="checkbox"/>	■	<input type="checkbox"/>																				

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or' = Optional = Standard - = Not Available

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
1 Series 3dr [E81]	116i SE	M	■	■	■	■	■
1 Series 3dr [E81]	116i SE	A			■	■	■
1 Series 3dr [E81]	116i ES	M	■	■	■	■	■
1 Series 3dr [E81]	116i ES	A			■	■	■
1 Series 3dr [E81]	116i M Sport	M	■	■	■	■	
1 Series 3dr [E81]	116i M Sport	A			■	■	
1 Series 3dr [E81]	118i SE	M	■	■	■	■	■
1 Series 3dr [E81]	118i SE	A			■	■	■
1 Series 3dr [E81]	118i ES	M	■	■	■	■	■
1 Series 3dr [E81]	118i ES	A			■	■	■
1 Series 3dr [E81]	118i M Sport	M	■	■	■	■	
1 Series 3dr [E81]	118i M Sport	A			■	■	
1 Series 3dr [E81]	120i SE	M	■	■	■	■	■
1 Series 3dr [E81]	120i SE	A			■	■	■
1 Series 3dr [E81]	120i ES	M	■	■	■	■	■
1 Series 3dr [E81]	120i ES	A			■	■	■
1 Series 3dr [E81]	120i M Sport	M	■	■	■	■	
1 Series 3dr [E81]	120i M Sport	A			■	■	
1 Series 3dr [E81]	130i M Sport	M		■	■	■	
1 Series 3dr [E81]	130i M Sport	A			■	■	
1 Series 3dr [E81]	118d SE	M	■	■	■	■	■
1 Series 3dr [E81]	118d SE	A			■	■	■
1 Series 3dr [E81]	118d ES	M	■	■	■	■	■
1 Series 3dr [E81]	118d ES	A			■	■	■
1 Series 3dr [E81]	118d M Sport	M	■	■	■	■	
1 Series 3dr [E81]	118d M Sport	A			■	■	
1 Series 3dr [E81]	120d SE	M	■	■	■	■	■
1 Series 3dr [E81]	120d SE	A			■	■	■
1 Series 3dr [E81]	120d ES	M	■	■	■	■	■
1 Series 3dr [E81]	120d ES	A			■	■	■
1 Series 3dr [E81]	120d M Sport	M	■	■	■	■	
1 Series 3dr [E81]	120d M Sport	A			■	■	
1 Series 3dr [E81]	123d SE	M	■	■	■	■	■
1 Series 3dr [E81]	123d ES	M	■	■	■	■	■
1 Series 3dr [E81]	123d M Sport	M	■	■	■	■	■

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering
Active Aerodynamics not available in conjunction with option 217 Active steering

Key ■ = Standard

EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
1 Series 5dr [E87]	116i SE	M	■	■	■	■	■
1 Series 5dr [E87]	116i SE	A			■	■	■
1 Series 5dr [E87]	116i ES	M	■	■	■	■	■
1 Series 5dr [E87]	116i ES	A			■	■	■
1 Series 5dr [E87]	116i M Sport	M	■	■	■	■	
1 Series 5dr [E87]	116i M Sport	A			■	■	
1 Series 5dr [E87]	118i SE	M	■	■	■	■	■
1 Series 5dr [E87]	118i SE	A			■	■	■
1 Series 5dr [E87]	118i ES	M	■	■	■	■	■
1 Series 5dr [E87]	118i ES	A			■	■	■
1 Series 5dr [E87]	118i M Sport	M	■	■	■	■	
1 Series 5dr [E87]	118i M Sport	A			■	■	
1 Series 5dr [E87]	120i SE	M	■	■	■	■	■
1 Series 5dr [E87]	120i SE	A			■	■	■
1 Series 5dr [E87]	120i ES	M	■	■	■	■	■
1 Series 5dr [E87]	120i ES	A			■	■	■
1 Series 5dr [E87]	120i M Sport	M	■	■	■	■	
1 Series 5dr [E87]	120i M Sport	A			■	■	
1 Series 5dr [E87]	130i M Sport	M		■	■	■	
1 Series 5dr [E87]	130i M Sport	A			■	■	
1 Series 5dr [E87]	118d SE	M	■	■	■	■	■
1 Series 5dr [E87]	118d SE	A			■	■	■
1 Series 5dr [E87]	118d ES	M	■	■	■	■	■
1 Series 5dr [E87]	118d ES	A			■	■	■
1 Series 5dr [E87]	118d M Sport	M	■	■	■	■	
1 Series 5dr [E87]	118d M Sport	A			■	■	
1 Series 5dr [E87]	120d SE	M	■	■	■	■	■
1 Series 5dr [E87]	120d SE	A			■	■	■
1 Series 5dr [E87]	120d ES	M	■	■	■	■	■
1 Series 5dr [E87]	120d ES	A			■	■	■
1 Series 5dr [E87]	120d M Sport	M	■	■	■	■	
1 Series 5dr [E87]	120d M Sport	A			■	■	
1 Series 5dr [E87]	123d SE	M	■	■	■	■	■
1 Series 5dr [E87]	123d ES	M	■	■	■	■	■
1 Series 5dr [E87]	123d M Sport	M	■	■	■	■	■

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering
Active Aerodynamics not available in conjunction with option 217 Active steering

Key ■ = Standard

1 Series Coupé E82

Launched in November 2007, the new BMW 1 Series Coupé is positioned as the sportiest model in the 1 Series family, designed to draw in a young, modern target audience.

Performance and economy

- **Cutting-edge engines offer best-in-class performance.** Incorporating the award winning twin turbo petrol engine and the world's most powerful production four-cylinder diesel engine, the 123d.
- **Unrivalled fuel economy and emissions figures** with the use of EfficientDynamics measures on all Coupé engine derivatives.

Design and styling

- **Long wheelbase, side skirts and long frameless doors** contribute to the elongated, sleek silhouette.
- **Sculpted, muscular wheel arches** bulge out to accommodate wide-profile tyres and draw attention to the driving wheels.
- **Wide powerful rear** emphasises the imposing road presence.
- **L-shaped rear lights with horizontal LED strips** as standard make the 1 Series Coupé instantly recognisable, even in the dark.
- **Set-back glasshouse** draws the eye to the rear wheels, emphasising the rear-wheel drive layout.
- **Generous boot space.** With a slight increase in body size compared to the 3- and 5-door 1 Series models, the boot space swells from 330 litres to 370 litres.
- **A standard 60:40 rear seat split** permits greater load flexibility allowing for items to be stored in place of one or both rear seat occupants.



Competitors

The BMW 1 Series Coupé currently has no direct competitors. Other popular compact cars such as the Audi A3 and Volvo C30 are not available in coupé version. Prospects may also consider sports coupés such as the Audi TT, or Alfa Brera. The new Volkswagen Scirocco, which launches in September 2008, may also be a consideration to potential 1 Series Coupé customers.

Competitor Comparison	BMW 135i	Audi TT 3.2 quattro	Alfa Romeo Brera 3.2 JTS Q4
Power output (hp)	306	250	260
0-62mph (seconds)	5.3	5.9	6.8
Top speed (mph)	155*	155*	152
Combined fuel consumption (mpg)	30.7	27.4	24.7
VED Band	F	G	G
CO ₂ (g/km)	220	247	270

* Electronically limited
Data Source: Competitor websites' = Best value in class.

Did you know?

The 123d's 138g/km emissions figure sees it fall into Band C Vehicle Excise Duty tier while the fuel consumption figure on the combined cycle is 54.3mpg. Yet it still delivers an output of over 100 hp/ltr and 0-62mph in 7.0 seconds.

Did you know?

The 135i M Sport offers a driving experience like no other car in its class. Able to reach 0-62 in just 5.3 seconds, quicker than a Porsche Cayman S (5.4 seconds), yet still delivering 30.7 mpg over the combined cycle and 220 g/km emissions compared to 26.6mpg and 254 g/km from the Porsche.

Technical specifications

Engine	125i SE	125i M Sport	135i M Sport
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2996	2996	2979
Torque (Nm/rpm)	270/2500	270/2500	400/1300
Power output (kW/hp)	160/218	160/218	225/306
Dimensions			
Length (mm)	4360	4360	4360
Width (mm)	1748	1748	1748
Fuel tank capacity (litres)	53	53	53
Boot capacity (VDA method) (litres)	370	370	370
Wheels			
Wheels	Light alloy style 256 7 J x 17	Light alloy style 261M front 7.5 J x 18 rear 8.5 J x 18	Light alloy style 261M front 7.5 J x 18 rear 8.5 J x 18
Tyres (Run-flat)	205/50 R17	front 215/40 R18 rear 245/35 R18	front 215/40 R18 rear 245/35 R18
Towing			
Permitted trailer load unbraked (kg)	700	700	-
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	-
Performance			
0-62 mph (sec)	6.4 (7.0)	6.4 (7.0)	5.3 (5.4)
Maximum speed (mph)	152 (151)	152 (151)	155** (155**)
Fuel consumption			
Urban (mpg / litres/100 km)	24.8/11.4 (24.8/11.4)	24.8/11.4 (24.8/11.4)	21.7/13.0 (21.4/13.2)
Extra-urban (mpg / litres/100 km)	47.9/5.9 (47.9/5.9)	47.9/5.9 (47.9/5.9)	40.4/7.0 (40.9/6.9)
Combined (mpg / litres/100 km)	35.8/7.9 (35.8/7.9)	35.8/7.9 (35.8/7.9)	30.7/9.2 (30.7/9.2)
CO ₂ emissions (g/km)	190 (190)	190 (190)	220 (221)
Emissions management	EU4	EU4	EU4
Insurance			
ABI Insurance group rating	16	16	17

Key () = Figures in brackets apply to cars with automatic transmission
 ** = Electronically limited

Engine	120d ES	120d SE	120d M Sport
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995
Torque (Nm/rpm)	350/1750	350/1750	350/1750
Power output (kW/hp)	130/177	130/177	130/177
Dimensions			
Length (mm)	4360	4360	4360
Width (mm)	1748	1748	1748
Fuel tank capacity (litres)	51	51	51
Boot capacity (VDA method) (litres)	370	370	370
Wheels			
Wheels	Light alloy style 222 7 J x 16	Light alloy style 141 7 J x 17	Light alloy style 207M front 7 J x 17 rear 7.5 J x 17
Tyres (Run-flat)	205/55 R16	205/50 R17	front 205/50 R17 rear 225/45 R17
Towing			
Permitted trailer load unbraked (kg)	720	720	720
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	1200
Performance			
0-62 mph (sec)	7.6 (7.8)	7.6 (7.8)	7.6 (7.8)
Maximum speed (mph)	142 (140)	142 (140)	142 (140)
Fuel consumption			
Urban (mpg / litres/100 km)	46.3/6.1 (39.2/7.2)	46.3/6.1 (39.2/7.2)	46.3/6.1 (39.2/7.2)
Extra-urban (mpg / litres/100 km)	68.9/4.1 (64.2/4.4)	68.9/4.1 (64.2/4.4)	68.9/4.1 (64.2/4.4)
Combined (mpg / litres/100 km)	58.9/4.8 (52.3/5.4)	58.9/4.8 (52.3/5.4)	58.9/4.8 (52.3/5.4)
CO ₂ emissions (g/km)	128 (144)	128 (144)	128 (144)
Emissions management	EU4	EU4	EU4
Insurance			
ABI Insurance group rating	14	14	14

Key () = Figures in brackets apply to cars with automatic transmission

Technical specifications

	123d SE	123d M Sport
Engine		
Engine	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995
Torque (Nm/rpm)	400/2000	400/2000
Power output (kW/hp)	150/204	150/204
Dimensions		
Length (mm)	4360	4360
Width (mm)	1748	1748
Fuel tank capacity (litres)	51	51
Boot capacity (VDA method) (litres)	370	370
Wheels		
Wheels	Light alloy style 141 7 J x 17	Light alloy style 207M front 7 J x 17 rear 7.5 J x 17
Tyres (Run-flat)	205/50 R17	front 205/50 R17 rear 225/45 R17
Towing		
Permitted trailer load unbraked (kg)	740	740
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200
Performance		
0-62 mph (sec)	7.0 (7.1)	7.0 (7.1)
Maximum speed (mph)	148 (147)	148 (147)
Fuel consumption		
Urban (mpg / litres/100 km)	43.5/6.5 (38.7/7.3)	43.5/6.5 (38.7/7.3)
Extra-urban (mpg / litres/100 km)	64.2/4.4 (61.4/4.6)	64.2/4.4 (61.4/4.6)
Combined (mpg / litres/100 km)	54.3/5.2 (50.4/5.6)	54.3/5.2 (50.4/5.6)
CO ₂ emissions (g/km)	138 (148)	138 (148)
Emissions management	EU4	EU4
Insurance		
ABI Insurance group rating	16	16

Key () = Figures in brackets apply to cars with automatic transmission

120d ES

Engine

BMW EfficientDynamics Intelligent Energy Management system comprising:

- Auto Start-Stop (MSA) – excluding models with Automatic transmission, (125i and 135i Manual transmission)
- Brake Energy Regeneration (iGR)
- Intelligent Alternator Control (IAC)
- Optimum shift indicator (SPA) – excluding models with Automatic transmission
- Diesel Particulate Filter (DPF)
- Digital Diesel Electronics (DDE)
- Four-cylinder in-line diesel engine with common-rail technology
- Incorrect fuelling protection system
- Oil level sensor with dipstick
- Turbocharger with variable turbine geometry

Transmission

- Gear lever, short shift
- Six-speed manual transmission

Wheels and chassis

- 16" light alloy wheel Double-spoke style 222
- Electric Power Steering (EPS) with Servotronic
- Lightweight double-joint spring-strut front axle with aluminium strut brace
- Lightweight five-link rear axle

Safety and technology

Airbags:

- Airbags, front sides (seat-integrated)
- Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting
- Impact-Depending Airbag System (ID Airbags), driver and front passenger
- ITS head airbags – driver, front passenger and rear
- Passenger seat occupancy sensor, front
- Alarm system (Thattham 1) with remote control and engine immobiliser
- Brake Force Display
- Deformation zones – front and rear with door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph
- Disc brakes – front and rear with brake pad sensors

Safety and technology (cont)

Dynamic Stability Control (DSC) comprising:

- Anti-lock Braking System (ABS)
- Automatic Stability Control (ASC+T)
- Cornering Brake Control (CBC)
- Dynamic Brake Control (DBC)
- Dynamic Traction Control (DTC)
- Electronic Brake-force Distribution (EBD)
- First Aid kit and warning triangle
- Halogen headlights
- Head restraints – rear and foldable
- High level third brake light (bootlid)
- On-board diagnosis (OBD)
- Run-flat tyres with Tyre Puncture Warning System (TPWS)
- Seat belts – inertia reel at the front with pyrotechnical belt latch tensioner, belt force limiter and belt restrainer
- Seat belts – two with inertia reel, rear
- Side impact protection
- Visible VIN

Seats

- Child seat ISOFIX attachment, front and rear, with front passenger airbag deactivation
- Four seat configuration with storage tray between the rear seats
- Rear seat easy access system
- Seat adjustment – front, manual
- Seat height adjustment – front, manual
- 60:40 split folding rear seat

Exterior equipment

- All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection
- Exhaust tailpipe – single, oval, matt chrome
- Exterior mirrors – aspheric, electric adjustment
- Exterior parts in body colour:
 - Bumper rubbing strips
 - Door handles
 - Exterior mirrors
 - Lower bumper valances, front and rear
 - Roof rail gutters

Standard equipment

120d ES (cont)

Exterior equipment (cont)

Indicator lenses, clear
 Kidney grille with black vertical slats
 Non-metallic paintwork
 Windscreen washer jets
 Windscreen wipers with adjustable intermittent intervals

Interior equipment

Air conditioning, manual
 Air microfilter
 Battery in luggage compartment with jump start facility in engine bay
 Central locking switch
 Courtesy lights, front and rear with soft on/off dimming
 Door sill finishers with BMW designation, black
 Electric windows – front, with open/close fingertip control, anti-trap facility and comfort closing function
 Elektra cloth upholstery
 Floor mats
 Handbrake lever, gear lever knob and gaiters in Sensatec
 Lights-on warning
 Luggage compartment strap for small items
 Smoker's package
 Start/Stop button
 Steering column with manual reach and rake adjustment
 Sun visors with vanity mirrors and ticket pocket
 Three-spoke steering wheel
 Titanium light interior trim
 Toolkit located in luggage compartment
 Two lashing eyes in luggage compartment

Audio and communication

Auxilliary input point for auxilliary playing devices
 BMW Business radio with single CD player
 On-Board Computer (OBC) comprising:
 Average speed
 Fuel consumption (average and current) and range
 Information display – analogue instruments combined with liquid crystal display
 Outside temperature display
 Personal Profile functions

120d SE

Equipment in addition/replacement to 120d ES

17" light alloy wheel V-spoke style 141
 Air conditioning, automatic
 Armrest – front, with storage compartment
 Exterior mirrors, heated
 Foglights, front
 Interior lights package
 Park Distance Control (PDC), rear
 Rear-view mirror, automatically dimming
 Three-spoke multi-function Sport leather steering wheel
 Windscreen washer jets, heated

123d SE

Equipment in addition/replacement to 120d SE

Chromeline exterior trim
 Door sill finishers with BMW designation, chrome plated
 Electronic Differential lock
 Exhaust tailpipe – single, oval, black chrome
 Network cloth upholstery
 Variable twin turbo

125i SE

Equipment in addition/replacement to 123d SE

Double VANOS

Dynamic Stability Control Plus (DSC+) comprising:

- Brake Drying
- Brake fade compensation
- Brake pre-tensioning
- Hill-start assistant
- Soft stop

Exhaust tailpipe – twin, round, matt chrome

Handbrake lever, gear lever knob and gaiters in leather

Rain sensor with automatic headlight activation

Six-cylinder in-line engine

Storage package

VALVETRONIC engine management

All M Sport models – four cylinders

Equipment in addition/replacement to 123d SE

17" light alloy Double-spoke style 207M with 205/50 R17 tyres (front), and 225/45 R17 (rear) tyres

Aluminium Glacier Silver interior trim

Door sill finishers with M designation, chrome plated

Handbrake lever, gear lever knob and gaiters in leather

High-gloss Shadowline exterior trim

Individual Anthracite headlining

M Aerodynamic package

M Sport suspension

Sport seats in Flashpoint cloth/Sensatec, front

Three-spoke multi-function M leather steering wheel

125i M Sport

Equipment in addition/replacement to 125i SE and All M Sport models

18" light alloy M Double-spoke style 261M with 215/40 R18 (front), and 245/35 R18 (rear) tyres

135i M Sport

Equipment in addition/replacement to 125i M Sport

Brushed Aluminium interior trim with accent line

Exhaust tailpipe – twin, round, black chrome

Hydraulic power steering

Kidney grille, chrome with chrome vertical slats

M Aerodynamic package (unique to 135i – no foglights)

M Sport suspension with 135i specific calibration

Optimised ASC/DSC parameters for specific suspension

Rear spoiler

Six-cylinder in-line engine with high-precision direct injection with four-valve technology

Twin turbo

Up-rated high performance braking system

Wheels and tyres

		Double-spoke style 222	V-spoke style 141	Star-spoke style 256
Wheel size	front/rear	7 J x 16	7 J x 17	7 J x 17
Tyre size	front/rear	205/55 R16	205/50 R17	205/50 R17
	option code	2BT	2KC	2R2
				
	120d ES	■	□	□
	120d SE, 123d SE	-	■	□
	125i SE	-	□	■

		Star-spoke style 142*	Star-spoke style 262
Wheel size	front/rear	7 J x 17 / 7.5 J x 17	7 J x 17 / 7.5 J x 17
Tyre size	front/rear	205/50 R17 / 225/45 R17	205/50 R17 / 225/45 R17
	option code	2CH	2SL
			
	120d ES	□	□
	120d SE, 123d SE	□	□
	125i SE	□	□

Key ■ = Standard □ = Optional -- = Not available
 *Snow chains cannot be fitted to these wheels

		W-spoke style 263*	Star-spoke style 264*
Wheel size	front/rear	7.5 J x 18 / 8.5 J x 18	7.5 J x 18 / 8.5 J x 18
Tyre size	front/rear	215/40 R18 / 245/35 R18	215/40 R18 / 245/35 R18
	option code	2WA	2SM
			
	120d ES	□	□
	120d SE, 123d SE	□	□
	125i SE	□	□

		Double-spoke style 207M*	Double-spoke style 261M*
Wheel size	front/rear	7 J x 17 / 7.5 J x 17	7.5 J x 18 / 8.5 J x 18
Tyre size	front/rear	205/50 R17 / 225/45 R17	215/40 R18 / 245/35 R18
	option code	2MG	2MR
			
	120d M Sport, 123d M Sport	■	□
	125i M Sport	□	■
	135i M Sport	-	■

Key

■ = Standard □ = Optional - = Not available

*Snow chains cannot be fitted to these wheels

Optional equipment

Option Name		125i SE	125i M Spor	135i M Sport	120d ES	120d SE	120d M Sport	123d SE	123d M Sport
Transmission	code								
Automatic transmission	205	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wheels and chassis									
Active steering (Only with 530/534)	217	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
M Sports suspension	704	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Safety and technology									
Adaptive headlights (Only with 521 and 522)	524	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cruise control	540	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Foglights, front	520	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Headlight wash	502	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Park Distance Control (PDC), rear	507	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Park Distance Control (PDC), front and rear (Not with 507)	508	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rain sensor with automatic headlight activation	521	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Xenon headlights for low and high beam (Includes 502)	522	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seats									
Lumbar support, driver and front passenger	488	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seat adjustment - front, electric with driver memory	459	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seat heating, front	494	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sports seats, front (Not with EA)	481	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Exterior equipment									
Chromeline exterior	346	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comfort Access system	322	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exterior mirror package (Not with 430)	313	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High-gloss Shadowline exterior trim	760	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Model designation, deletion	320	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear-mounted rack preparation	3AR	<input type="checkbox"/>	-	-	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	-
Towbar with removable ball head	235	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

= Optional = Standard - = Not Available

Option Name		125i SE	125i M Sport	135i M Sport	120d ES	120d SE	120d M Sport	123d SE	123d M Sport
Interior equipment									
Air conditioning, automatic	534	■	■	■	□	■	■	■	■
Armrest – front, centre (In combination with 633/644)	473	■	■	■	□	■	■	■	■
Glass sunroof with sliding and tilt function, electric adjustment	403	□	□	□	□	□	□	□	□
Graduated tinted windscreen	3AP	□	□	□	□	□	□	□	□
Individual Anthracite headlining	775	□	■	■	□	□	■	□	■
Modular ski bag	468	□	□	□	□	□	□	□	□
Rear-view mirror, automatically dimming	431	■	■	■	□	■	■	■	■
Rear-view and exterior mirrors, automatically dimming (Not with 313, in combination with Comfort Package)	430	□	□	□	□	□	□	□	□
Smoker's package, deletion	441	□	□	□	□	□	□	□	□
Sun protection glass	420	□	□	□	□	□	□	□	□
Steering wheels									
Multi-function controls for steering wheel (Only with 255/710)	249	■	■	■	□	■	■	■	■
Three-spoke Sports leather steering wheel	255	■	■	■	□	■	■	■	■
Audio and communication									
Bluetooth telephone preparation (Only with 473, 606/609 and 663, not with 612/662)	644	□	□	□	□	□	□	□	□
Bluetooth telephone preparation with telematics (Only with 473, 606/609 and 663)	633	□	□	□	□	□	□	□	□
BMW ConnectedDrive – Assist (Only with 606/609 and 633, not with 644/662)	612	□	□	□	□	□	□	□	□
BMW ConnectedDrive – Online (Only with 606/609 and 663, not with 644/662)	616	□	□	□	□	□	□	□	□
BMW Professional radio with single CD player (Not with 606/609/662)	663	□	□	□	□	□	□	□	□
CD changer for six CDs (Only with 606/609/663, not with 662/694)	672	□	□	□	□	□	□	□	□
DAB digital radio (Only with 606/609/663)	654	□	□	□	□	□	□	□	□
Preparation for six CD changer (Only with 606/609/663, not with 662/672)	694	□	□	□	□	□	□	□	□
Hi-Fi loudspeaker system (Only with 606/609/662/663, not with 677)	676	□	□	□	□	□	□	□	□
Hi-Fi loudspeaker system – LOGIC7 Professional (Only with 606/609/663, not with 662/676)	677	□	□	□	□	□	□	□	□
Navigation system – Business (Includes 249 and 473 where not already standard) (Only with 255 and 534, not with 609/662/663)	606	□	□	□	□	□	□	□	□

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

□ = Optional ■ = Standard – = Not Available

Optional equipment

Option Name		125i SE	125i M Sport	135i M Sport	120d ES	120d SE	120d M Sport	123d SE	123d M Sport
Audio and communication (cont)	code								
Navigation system – Professional (Includes 249 and 473 where not already standard, only with 255 and 534, not with 606/644/651/662/663)	609	□	□	□	□	□	□	□	□
USB interface (Only with 606/609/663)	6FL	□	□	□	□	□	□	□	□
Voice Control (In combination with 633/644) (Only with 249 and (606/609), not with 662/663)	620	□	□	□	□	□	□	□	□
Packages									
Comfort package	Z8M	-	-	-	□	□	□	□	□
Dynamics package	Z8R	□	-	-	□	□	-	□	-
Interior lights package	563	■	■	■	□	■	■	■	■
Storage package	493	■	■	■	□	□	□	□	□

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates ‘or’
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EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
1 Series Coupe [E82]	135i M Sport	M		■		■	
1 Series Coupe [E82]	120d SE	M	■	■	■	■	■
1 Series Coupe [E82]	120d SE	A			■	■	■
1 Series Coupe [E82]	120d ES	M	■	■	■	■	■
1 Series Coupe [E82]	120d ES	A			■	■	■
1 Series Coupe [E82]	120d M Sport	M	■	■	■	■	
1 Series Coupe [E82]	120d M Sport	A			■	■	
1 Series Coupe [E82]	123d SE	M	■	■	■	■	■
1 Series Coupe [E82]	123d M Sport	M	■	■	■	■	

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering
 Active Aerodynamics not available in conjunction with option 217 Active steering

Key ■ = Standard

1 Series Convertible E88

The new BMW 1 Series Convertible was launched on the 5th April 2008. The Convertible is the fourth derivative of 1 Series to be launched and carries over much of the styling and technology from the Coupé model. This new car marks the world's first premium convertible in the compact segment. It is powered by four- and six-cylinder engines which incorporate EfficientDynamics technologies, to ensure that it delivers high-performance, low-emissions and excellent fuel consumption, whether the roof is up or down.

Performance and economy

- At launch, the new BMW 1 Series Convertible will be offered with two petrol engines 120i and 125i shortly followed by the 118i, 135i and 120d.
- Best performance and fuel economy in its class.** Both the BMW 120i Convertible and 120d Convertible outperform all competitors in terms of fuel economy, emissions and acceleration.

Design and styling

- Stylish sporty design** will appeal to a broad range of people. The low shoulder line, flat rear section, short and comparatively upright A-pillar all combine to offer the best possible open-air driving experience.
- Electro-hydraulic fabric roof** can be opened or closed in 22 seconds, while the vehicle is moving at speeds of up to 30 mph. It has a reinforced rear window and the material used is considerably stronger than that found in most convertibles thus offering improved noise insulation.
- Unique range of optional equipment in a convertible of this class**, including leather seats with SunReflective Technology, Automatic Climate Control with convertible mode, and entertainment options such as USB interface.
- Flexible luggage space** with a capacity of 260-305 litres and optional through-loading system, it provides flexible luggage space with the capacity to accommodate longer items such as golf bags or snowboards, even when the top is down.

Safety

- Outstanding safety features**, including a stiffer body than any other vehicle in its class, anti-roll bars, reinforced A-pillar and head/thorax airbags.

Did you know?

Many convertibles in the compact class are fitted with a Retractable Hard-Top, focussed on offering a two-in-one concept of a coupé and convertible, without giving much consideration to overall aesthetics or driving dynamics. As a result the combination of a short bonnet, with relatively long overhangs gives an unbalanced profile. They tend to have a bulky rear, which impacts on the driving dynamics and have dramatically reduced boot space. The roofs are also unable to function whilst the car is moving.



Competitors

Primary competitors

Audi A3 Cabriolet
(Due to launch May 2008)
Volkswagen Eos

Secondary competitors

Vauxhall Astra TwinTop, Ford Focus Coupé-Cabriolet, Peugeot 307 CC

Competitor Comparison	BMW 120d	Audi A3 2.0 TDi	Volkswagen Eos 2.0 TDi	Vauxhall Astra Tw Tp. 1.9 CDTDi	Ford Focus Coupé/Cab. 2.0 TDCi	Peugeot 307 CC HDI 136
Power output (hp)	177	140	140	150	136	136
0-62mph (seconds)	8.1	9.7	10.4	10.2	10.3	10.3
Top speed (mph)	138	127	127	132	127	129
Combined fuel consumption (mpg)	55.4	53.3	47.1	47.1	47.9	47.1
VED Band	C	C	D	D	D	D
CO ₂ (g/km)	134	139	158	159	156	159

Data Source: Competitor websites

■ = Best value in class.

Technical specifications

	118i ES	118i SE	118i M Sport
Engine			
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995
Torque (Nm/rpm)	190/4250	190/4250	190/4250
Power output (kW/hp)	105/143	105/143	105/143
Dimensions			
Length (mm)	4360	4360	4360
Width (mm)	1748	1748	1748
Fuel tank capacity (litres)	53	53	53
Boot capacity (VDA method) (litres)	260-305	260-305	260-305
Wheels			
Wheels	Light alloy style 229 6.5 J x 16	Light alloy style 222 7 J x 16	Light alloy style 207M front 7 J x 17 rear 7.5 J x 17
Tyres (Run-flat)	195/55 R16	205/55 R16	front 205/50 R17 rear 225/45 R17
Towing			
Permitted trailer load unbraked (kg)	670	670	670
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	1200
Performance			
0-62 mph (sec)	9.3 (10.1)	9.3 (10.1)	9.3 (10.1)
Maximum speed (mph)	130 (129)	130 (129)	130 (129)
Fuel consumption			
Urban (mpg / litres/100 km)	33.2/8.5 (32.5/8.7)	33.2/8.5 (32.5/8.7)	33.2/8.5 (32.5/8.7)
Extra-urban (mpg / litres/100 km)	56.5/5.0 (52.3/5.4)	56.5/5.0 (52.3/5.4)	56.5/5.0 (52.3/5.4)
Combined (mpg / litres/100 km)	44.8/6.3 (42.8/6.6)	44.8/6.3 (42.8/6.6)	44.8/6.3 (42.8/6.6)
CO ₂ emissions (g/km)	149 (158)	149 (158)	149 (158)
Emissions management	EU4	EU4	EU4
Insurance			
ABI Insurance group rating	13	13	13

Key () = Figures in brackets apply to cars with automatic transmission

	120i ES	120i SE	120i M Sport
Engine			
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995
Torque (Nm/rpm)	210/4250	210/4250	210/4250
Power output (kW/hp)	125/170	125/170	125/170
Dimensions			
Length (mm)	4360	4360	4360
Width (mm)	1748	1748	1748
Fuel tank capacity (litres)	53	53	53
Boot capacity (VDA method) (litres)	260-305	260-305	260-305
Wheels			
Wheels	Light alloy style 229 7 x 16	Light alloy style 222 7 J x 16	Light alloy style 207M front 7 J x 17 rear 7.5 J X 17
Tyres (Run-flat)	205/55 R16	205/55 R16	front 205/50 R17 rear 225/45 R17
Towing			
Permitted trailer load unbraked (kg)	680	680	680
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	1200
Performance			
0-62 mph (sec)	8.4 (9.0)	8.4 (9.0)	8.4 (9.0)
Maximum speed (mph)	137 (135)	137 (135)	137 (135)
Fuel consumption			
Urban (mpg / litres/100 km)	31.7/8.9 (31.0/9.1)	31.7/8.9 (31.0/9.1)	31.7/8.9 (31.0/9.1)
Extra-urban (mpg / litres/100 km)	54.3/5.2 (51.4/5.5)	54.3/5.2 (51.4/5.5)	54.3/5.2 (51.4/5.5)
Combined (mpg / litres/100 km)	42.8/6.6 (41.5/6.8)	42.8/6.6 (41.5/6.8)	42.8/6.6 (41.5/6.8)
CO ₂ emissions (g/km)	158 (163)	158 (163)	158 (163)
Emissions management	EU4	EU4	EU4
Insurance			
ABI Insurance group rating	14	14	14

Key

() = Figures in brackets apply to cars with automatic transmission

Technical specifications

	125i SE	125i M Sport	135i SE	135i M Sport
Engine				
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2996	2996	2979	2979
Torque (Nm/rpm)	270/2500-4250	270/2500-4250	400/1300-5000	400/1300
Power output (kW/hp)	160/218	160/218	225/306	225/306
Dimensions				
Length (mm)	4360	4360	4360	4360
Width (mm)	1748	1748	1748	1748
Fuel tank capacity (litres)	53	53	53	53
Boot capacity (VDA method) (litres)	260-305	260-305	260-305	260-305
Wheels				
Wheels	Light alloy style 256 7 J x 17	Light alloy style 208M front 7.5 J x 18 rear 8 J x 18	Light alloy style 262 front 7 J x 17 rear 7.5 J x 17	Light alloy style 208M front 7.5 J x 18 rear 8 J x 18
Tyres (Run-flat)	205/50 R17	front 205/45 R18 rear 225/40 R18	front 205/50 R17 rear 225/45 R17	front 205/45 R18 rear 225/40 R18
Towing				
Permitted trailer load unbraked (kg)	700	700	-	-
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	-	-
Performance				
0-62 mph (sec)	6.8 (7.4)	6.8 (7.4)	5.6 (5.7)	5.6 (5.7)
Maximum speed (mph)	148 (147)	148 (147)	155** (155**)	155** (155**)
Fuel consumption				
Urban (mpg / litres/100 km)	24.1/11.7 (24.4/11.6)	24.1/11.7 (24.4/11.6)	21.2/13.3 (20.9/13.5)	21.2/13.3 (20.9/13.5)
Extra-urban (mpg / litres/100 km)	47.1/6.0 (46.3/6.1)	47.1/6.0 (46.3/6.1)	39.8/7.1 (40.4/7.0)	39.8/7.1 (40.4/7.0)
Combined (mpg / litres/100 km)	34.9/8.1 (34.9/8.1)	34.9/8.1 (34.9/8.1)	30.1/9.4 (30.1/9.4)	30.1/9.4 (30.1/9.4)
CO ₂ emissions (g/km)	195	195	224 (225)	224 (225)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

Key

() = Figures in brackets apply to cars with automatic transmission

** = Electronically limited

	120d ES	120d SE	120d M Sport
Engine			
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995
Torque (Nm/rpm)	350/1750-3000	350/1750-3000	350/1750-3000
Power output (kW/hp)	130/177	130/177	130/177
Dimensions			
Length (mm)	4360	4360	4360
Width (mm)	1748	1748	1748
Fuel tank capacity (litres)	51	51	51
Boot capacity (VDA method) (litres)	260-305	260-305	260-305
Wheels			
Wheels	Light alloy style 229 7 J x 16	Light alloy style 222 7 J x 16	Light alloy style 207M front 7 J x 17 rear 7.5 J x 17
Tyres (Run-flat)	205/55 R16	205/55 R16	front 205/50 R17 rear 225/45 R17
Towing			
Permitted trailer load unbraked (kg)	720	720	720
Permitted trailer load braked (kg) on maximum gradient 12%	1200	1200	1200
Performance			
0-62 mph (sec)	8.1 (8.2)	8.1 (8.2)	8.1 (8.2)
Maximum speed (mph)	138 (137)	138 (137)	138 (137)
Fuel consumption			
Urban (mpg / litres/100 km)	44.1/6.4 (38.2/7.4)	44.1/6.4 (38.2/7.4)	44.1/6.4 (38.2/7.4)
Extra-urban (mpg / litres/100 km)	65.7/4.3 (62.8/4.5)	65.7/4.3 (62.8/4.5)	65.7/4.3 (62.8/4.5)
Combined (mpg / litres/100 km)	55.4/5.1 (50.4/5.6)	55.4/5.1 (50.4/5.6)	55.4/5.1 (50.4/5.6)
CO ₂ emissions (g/km)	134 (148)	134 (148)	134 (148)
Emissions management	EU4	EU4	EU4
Insurance			
ABI Insurance group rating	15	15	15

Key

() = Figures in brackets apply to cars with automatic transmission

Standard equipment

118i ES

Engine

BMW EfficientDynamics Intelligent Energy Management system comprising:

- Auto Start-Stop (MSA) – excluding models with Automatic transmission, (125i and 135i Manual transmission)
- Brake Energy Regeneration (iGR)
- Intelligent Alternator Control (IAC)
- Optimum shift indicator (SPA) – excluding models with Automatic transmission

Double-VANOS
 Four-Cylinder in-line engine with high-precision direct injection with four-valve technology
 Oil level display
 VALVETRONIC engine management

Transmission

Gear lever, short shift
 Six-speed Manual transmission

Wheels and chassis

16" light alloy wheel V-spoke style 229
 Electric Power Steering (EPS) with Servotronic
 Lightweight double-joint spring-strut front axle with aluminium strut brace
 Lightweight five-link rear axle

Safety and technology

Airbags:

- Airbags, front sides (seat-integrated)
- Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting
- Impact-Depending Airbag System (ID Airbags), driver and front passenger
- Passenger seat occupancy sensor, front
- Side airbags, driver and front passenger (head and thorax)

Alarm system (Thatcham 1) with remote control and engine immobiliser
 Brake Force Display
 Deformation zones – front and rear with door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph
 Disc brakes – front and rear with brake pad sensors
 Dynamic Stability Control (DSC) comprising:

- Anti-lock Braking System (ABS)
- Automatic Stability Control (ASC+T)

Safety and technology (cont)

- Cornering Brake Control (CBC)
- Dynamic Brake Control (DBC)
- Dynamic Traction Control (DTC)
- Electronic Brake-force Distribution (EBD)
- First Aid kit and warning triangle
- Halogen headlights
- Head restraints – rear, adjustable and removable
- High level third brake light (boot lid)
- On-board diagnosis (OBD)
- Rollover protection system
- Run-flat tyres with Tyre Puncture Warning System (TPWS)
- Seat belts – inertia reel at the front with pyrotechnical belt latch tensioner, belt force limiter and belt restrainer
- Seat belts – two with inertia reel, rear
- Side impact protection
- Visible VIN

Seats

Child seat ISOFIX attachment, rear
 Four seats
 Rear seat easy access system
 Seat adjustment – front, manual
 Seat height adjustment – front, manual

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection
 Exhaust tailpipe – single, oval
 Exterior mirrors – aspheric, electric adjustment
 Exterior parts in body colour:

- Bumper rubbing strips
- Door handles
- Exterior mirrors
- Lower bumper valances, front and rear

Indicator lenses, clear
 Kidney grille with black vertical slats
 Non-metallic paintwork
 Soft-top, black, fully automatic and lined with remote control opening

118i ES (cont)

Exterior equipment (cont)

Windscreen washer jets
Windscreen wipers with adjustable intermittent intervals

Interior equipment

Air conditioning, manual
Air microfilter
Battery in luggage compartment with jump start facility in engine bay
Central locking switch
Courtesy lights, front and rear with soft on/off dimming
Door sill finishers with BMW designation, black
Electric windows – front and rear, with open/close fingertip control, anti-trap facility
Elektra cloth upholstery
Handbrake lever, gear lever knob and gaiters in Sensatec
Lights-on warning
Luggage compartment strap for small items
Non-Smoker's package
Start/Stop button
Steering column with manual reach and rake adjustment
Sun visors with vanity mirrors and ticket pocket
Three-spoke steering wheel
Titanium light interior trim
Toolkit located in luggage compartment
Two lashing eyes in luggage compartment

Audio and communication

Auxilliary input point for auxilliary playing devices
BMW Business radio with single CD player
On-Board Computer (OBC) comprising:
Average speed
Fuel consumption (average and current) and range
Information display – analogue instruments combined with liquid crystal display
Outside temperature display
Personal Profile functions
Power socket in rear of centre console – 12V

120i ES

Equipment in replacement to 118i ES

Exhaust tailpipes – single, oval, matt chrome

120d ES

Equipment in addition/replacement to 120i ES

Common-rail injection system
Diesel Particulate Filter (DPF)
Digital Diesel Electronics
Incorrect fuelling protection system
Oil level sensor with dipstick
Turbocharger with variable turbine geometry

Standard equipment

118i SE

Equipment in addition/replacement to 118i ES

16" light alloy wheel Double-spoke style 222
 Air conditioning, automatic with convertible mode
 Armrest – front, with storage compartment
 Exterior mirrors, heated
 Foglights, front
 Interior lights package
 Park Distance Control (PDC), rear
 Rear-view mirror, automatically dimming
 Three-spoke multi-function sport leather steering wheel
 Windscreen washer jets, heated

120i SE

Equipment in replacement to 118i SE

Exhaust tailpipes – single, oval, matt chrome

120d SE

Equipment in addition/replacement to 120d ES

16" light alloy wheel Double-spoke style 222
 Air conditioning, automatic with convertible mode
 Armrest – front, with storage compartment
 Exterior mirrors, heated
 Foglights, front
 Interior lights package
 Park Distance Control (PDC), rear
 Rear-view mirror, automatically dimming
 Three-spoke multi-function sport leather steering wheel
 Windscreen washer jets, heated

125i SE

Equipment in addition/replacement to 120i SE

17" light alloy wheel Star-spoke style 256
 Chromeline exterior trim
 Door sill finishers with BMW designation, chrome plated
 Double VANOS
 Dynamic Stability Control Plus (DSC+) comprising:
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Hill-start assistant
 Soft stop
 Exhaust tailpipe – twin, round, matt chrome
 Handbrake lever, gear lever knob and gaiters in leather
 Network cloth upholstery
 Rain Sensor with automatic headlight activation
 Six-cylinder, in-line engine
 Storage package

All M Sport Models

Equipment in addition to 120i/d SE

17" light alloy wheel Double-spoke style 207M
 Aluminium Glacier Silver interior trim
 Door sill finishers with M designation, chrome plated, front
 Flashpoint cloth/Sensatec upholstery
 Handbrake lever, gear lever knob and gaiters in leather
 High-gloss Shadowline exterior trim
 M Aerodynamic package
 M Sport suspension
 Sport seats in Flashpoint cloth/Sensatec, front
 Three-spoke multi-function M leather steering wheel

125i M Sport

Equipment in replacement to 125i SE and All M Sport models

18" light alloy wheel M Double-spoke style 261M

135i SE

Equipment in addition/replacement to 125i SE

17" light alloy wheel Star-spoke style 262

Black interior trim, high-gloss

Exhaust tailpipes – twin, round, black chrome

Hydraulic Power Steering

Kidney grille, chrome with chrome vertical slats

M Aerodynamic package (unique to 135i – no foglights)

M Sport Suspension with 135i specific calibration

Optimised ASC/DC parameters for specific suspension

Six-cylinder, in-line engine with high-precision direct injection with four valve technology

Sport seats in Network cloth, front

Twin turbo

Up-rated high performance braking system

135i M Sport

Equipment in addition/replacement to 135i SE

18" light alloy wheel M Double-spoke style 261M

Aluminium Glacier Silver interior trim

Sport seats in Flashpoint cloth/Sensatec, front

High-gloss Shadowline exterior trim

Three-spoke multi-function M leather steering wheel

Wheels and tyres

	V-spoke style 229	Double-spoke style 222	V-spoke style 255
Wheel size	6.5 J x 16 (118i) / 7 J x 16 (120i/d)	7 J x 16	7 J x 16
Tyre size	195/55 R16 (118i) / 205/55 R16 (120i/d)	205/55 R16	205/55 R16
option code	2KH	2BT	2KN
			
All ES models	■	□	□
118i SE, 120i SE, 120d SE	-	■	□
125i SE	-	-	-
135i SE	-	-	-

	V-spoke style 141	Star-spoke style 256	Star-spoke style 142*
Wheel size front/rear	7 J x 17	7 J x 17	7 J x 17 / 7.5 J x 17
Tyre size front/rear	205/50 R17	205/50 R17	205/50 R17 / 225/45 R17
option code	2KC	2R2	2CH
			
All ES models	□	□	□
118i SE, 120i SE, 120d SE	□	□	□
125i SE	□	■	□
135i SE	-	-	□

Key

■ = Standard

□ = Optional

- = Not available

* Snow chains cannot be fitted to these wheels

		Star-spoke style 262*	W-spoke style 263*	Star-spoke style 264*
Wheel size	front/rear	7 J x 17 / 7.5 J x 17	7.5 J x 18 / 8.5 J x 18	7.5 J x 18 / 8.5 J x 18
Tyre size	front/rear	205/50 R17 / 225/45 R17	215/40 R18 / 245/35 R18	215/40 R18 / 245/35 R18
	option code	2SL	2WA	2SM
				
	All ES models	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	118i SE, 120i SE, 120d SE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	125i SE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	135i SE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

		Double-spoke style 207M*	Double-spoke style 261M*
Wheel size	front/rear	7 J x 17 / 7.5 J x 17	7.5 J x 18 / 8 J x 18
Tyre size	front/rear	205/50 R17 / 225/45 R17	205/45 R18 / 225/40 R18
	option code	2MG	2MR
			
	118i M Sport, 120i M Sport 120d M Sport	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	125i M Sport, 135i M Sport	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Key

= Standard
 = Optional
 -- = Not available
 *Snow chains cannot be fitted to these wheels

Optional equipment

Option Name		118i ES	118i SE	118i M Sport	120i ES	120i SE	120i M Sport	125i SE	125i M Sport	135i SE	135i M Sport	120d ES	120d SE	120d M Sport
Transmission	code													
Automatic transmission	205	□	□	□	□	□	□	□	□	□	□	□	□	□
Wheels and chassis														
Active steering (Only with 530/534)	217	-	-	-	-	-	-	□	□	□	□	□	□	□
M Sports suspension	704	□	□	■	□	□	■	□	■	■	■	□	□	■
Safety and technology														
Adaptive headlights (Only with 521 and 522)	524	□	□	□	□	□	□	□	□	□	□	□	□	□
Cruise control	540	□	□	□	□	□	□	□	□	□	□	□	□	□
Fog lights, front	520	□	■	■	□	■	■	■	■	-	-	□	■	■
Headlight wash	502	□	□	□	□	□	□	□	□	□	□	□	□	□
Park Distance Control (PDC), rear	507	□	■	■	□	■	■	■	■	■	■	□	■	■
Park Distance Control (PDC), front and rear (Not with 507)	508	□	□	□	□	□	□	□	□	□	□	□	□	□
Rain sensor with automatic headlight activation	521	□	□	□	□	□	□	■	■	■	■	□	□	□
Xenon headlights for low and high beam (Includes 502)	522	□	□	□	□	□	□	□	□	□	□	□	□	□
Seats														
Lumbar support, driver and front passenger	488	□	□	□	□	□	□	□	□	□	□	□	□	□
Seat adjustment – front, electric with driver memory	459	□	□	□	□	□	□	□	□	□	□	□	□	□
Seat heating, front	494	□	□	□	□	□	□	□	□	□	□	□	□	□
Sport seats, front	481	□	□	■	□	□	■	□	■	■	■	□	□	■
Exterior equipment														
Chromeline exterior trim	346	□	□	□	□	□	□	■	□	■	□	□	□	□
Comfort Access system	322	□	□	□	□	□	□	□	□	□	□	□	□	□
Exterior mirror, folding (Not with 430)	313	□	□	□	□	□	□	□	□	□	□	□	□	□
High-gloss Shadowline exterior trim	760	□	□	■	□	□	■	□	■	□	■	□	□	■
Model designation, deletion	320	□	□	□	□	□	□	□	□	□	□	□	□	□
Rear-mounted rack preparation (Not with 235)	3AR	□	□	□	□	□	□	□	□	-	-	□	□	□
Soft-top Anthracite silver fleck	3YA	□	□	□	□	□	□	□	□	□	□	□	□	□
Soft-top beige	394	□	□	□	□	□	□	□	□	□	□	□	□	□
Towbar with removable ball head	235	□	□	□	□	□	□	□	□	-	-	□	□	□
Wind deflector	387	□	□	□	□	□	□	□	□	□	□	□	□	□

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or'
 □ = Optional ■ = Standard – = Not Available

Option Name	code	118i ES	118i SE	118i M Sport	120i ES	120i SE	120i M Sport	125i SE	125i M Sport	135i SE	135i M Sport	120d ES	120d SE	120d M Sport
Interior equipment														
Air conditioning, automatic	534	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Armrest – front, centre	473	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Graduated tinted windscreen	3AP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear-view mirror, automatically dimming	431	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Rear-view and exterior mirrors, automatically dimming In combination with Comfort Package (Not with 313)	430	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smoker's package, deletion	441	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Through-load with integrated transport bag	4UT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steering Wheels														
Multi-function controls for steering wheel (Only with 255)	249	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Three-spoke Sport leather steering wheel	255	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Audio and communication														
Bluetooth telephone preparation (Not with 612/662, only with 473 and (606/609) and 663)	644	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bluetooth telephone preparation with telematics (Only with 249 and 473 and (606/609) and 663)	633	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BMW ConnectedDrive – Assist (Not with 644, only with 606/609/663 and 633)	612	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BMW ConnectedDrive – Online (Not with 663, only with (606/609) and 633)	616	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BMW Professional radio with single CD player (Not with 606/609/662)	663	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CD changer for six CDs (Not with 662/694, only with 606/609/663)	672	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DAB digital radio (Only with 606/609/663)	654	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preparation for six CD changer (Not with 672, only with 606/609/663)	694	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hi-Fi loudspeaker system (Not with 677, only with 606/609/663)	676	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hi-Fi loudspeaker system – LOGIC7 Professional (Not with 662/676, only with 606/609/663)	677	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigation system – Business (Not with 609/662, only with 249 and 473 and 534)	606	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigation system – Professional (Not with 606/663, only with 249 and 473 and 534)	609	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Key Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

= Optional = Standard – = Not Available

Optional equipment

Option Name	code	118i ES	118i SE	118i M Sport	120i ES	120i SE	120i M Sport	125i SE	125i M Sport	135i SE	135i M Sport	120d ES	120d SE	120d M Sport
Audio and communication (cont)														
USB interface (Only with 606/609/663)	6FL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Voice Control (In combination with 633/644, only with 249 and (606/609), not with 663)	620	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packages														
Comfort package	Z8M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dynamics package	Z8R	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interior lights package	563	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Storage package	493	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or'
 = Optional = Standard - = Not Available

EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
1 Series Convertible [E88]	118i	M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	118i	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	120i	M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	120i	A			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	125i	M		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	125i	A			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	135is	M		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
1 Series Convertible [E88]	135is	A		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
1 Series Convertible [E88]	118d	M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	118d	A			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	120d	M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	120d	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	123d	M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 Series Convertible [E88]	123d	A			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Notes:

* Available on cars going into production from 09/08

Key = Standard

3 Series Saloon E90

First launched in 1975, the 3 Series quickly became known as the definitive sports saloon. Now in its fifth-generation – launched in March 2005 – the E90 continues to set the benchmark in the compact executive segment receiving much media and public acclaim.

Performance and economy

- **Best in class handling and driving dynamics** due to the low weight, 50:50 weight distribution, long wheelbase, rear-wheel drive and excellent steering precision.
- **Dynamic driving experience** delivered through a choice of five diesel and five petrol variants. And, thirteen years after the launch of the first M3 Saloon, we now see the launch of the E90 M3
- **EfficientDynamics** technologies were introduced in September 2007 improving performance, fuel consumption and emissions figures.

Design and styling

- **Coupé like proportions** are sporty and dynamic.
- **Spacious cabin** with exceptional leg, head and shoulder room for all front and rear passengers.
- **460 litres of boot space** matching that of the 3 Series Touring.

Safety

- **Five-star rating** in Euro NCAP crash tests. Standard safety features include Dynamic Stability Control (comprising: Anti-lock Braking System, Automatic Stability Control, Cornering Brake Control, Dynamic Brake Control, Dynamic Traction Control, Electronic Brake-force Distribution) Run-flat tyres with Tyre Puncture Warning System, and child seat ISOFIX attachment.
- **Wide selection of driver assist** options including Active Cruise Control, Adaptive headlights and High-beam assistant.

Did you know?

The 3 Series Saloon is recognised as the best handling car in its class and winner of 'World Car of the Year' 2005, *What Car?* 'Car of the Year' 2005 and *What Car?* 'Best Compact Executive' in 2006, 2007 and 2008.



Competitors

Primary competitors

Mercedes-Benz C-Class
Audi A4

Secondary competitors

Jaguar X-Type, Saab 9-3, Volvo S40,
Volvo S60, Lexus IS, Alfa 159

Competitor Comparison	BMW 320d SE	Mercedes C-Class 200CDI	Audi A4 SE 2.0 TDI	Jaguar X-Type 2.0L Diesel	Saab 9-3 1.9TID	Volvo S40 2.0D
Power output (hp)	177	136	143	130	150	136
0-62mph (seconds)	7.9	10.4	9.4	9.5	9.0*	9.5
Top speed (mph)	143	133	134	125	131	127
Combined fuel consumption (mpg)	58.9	49.6	51.4	49.1	48.7	48.7
VED Band	C	D	C	C	D	D
CO ₂ (g/km)	128	156	144	149	156	153

* 0-60mph (seconds)

Data Source: Competitor websites

■ = Best value in class.

Technical specifications

	318i ES	318i SE	318i M Sport	320i ES
Engine				
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995	1995
Torque (Nm/rpm)	190/4250	190/4250	190/4250	210/4250
Power output (kW/hp)	105/143	105/143	105/143	125/170
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	63	63	63	63
Boot capacity (VDA method) (litres)	460	460	460	460
Wheels				
Wheels	Light alloy style 156 7J x 16	Light alloy style 268 7J x 16	Light alloy style 194 M front 8J x 17 rear 8.5J x 17	Light alloy style 156 7J x 16
Tyres (Run-flat)	205/55 R16	205/55 R16	front 225/45 R17 rear 255/40 R17	205/55 R16
Towing				
Permitted trailer load unbraked (kg)	695	695	695	695
Permitted trailer load braked (kg) on max 12% gradient	1250 (1400)	1250 (1400)	1250 (1400)	1400 (1500)
Performance				
0-62 mph (sec)	9.1 (9.9)	9.1 (9.9)	9.1 (9.9)	8.2 (8.9)
Maximum speed (mph)	130 (130)	130 (130)	130 (130)	142 (140)
Fuel consumption				
Urban (mpg / litres/100 km)	35.8/7.9 (33.2/8.5)	35.8/7.9 (33.2/8.5)	35.8/7.9 (33.2/8.5)	33.6/8.4 (31.7/8.9)
Extra-urban (mpg / litres/100 km)	58.9/4.8 (54.3/5.2)	58.9/4.8 (54.3/5.2)	58.9/4.8 (54.3/5.2)	58.9/4.8 (55.4/5.1)
Combined (mpg / litres/100 km)	47.9/5.9 (44.1/6.4)	47.9/5.9 (44.1/6.4)	47.9/5.9 (44.1/6.4)	46.3/6.1 (43.5/6.5)
CO ₂ emissions (g/km)	142 (152)	142 (152)	142 (152)	146 (156)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	12	12	13	14

Key () = Figures in brackets apply to cars with automatic transmission
 * = Figures in [brackets] include mirrors

Engine	320i SE	320i M Sport	325i SE	325i M Sport
Engine	4 cylinder 16 valve	4 cylinder 16 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	1995	1995	2996	2996
Torque (Nm/rpm)	210/4250	210/4250	270/2400	270/2400
Power output (kW/hp)	125/170	125/170	160/218	160/218
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	63	63	63	63
Boot capacity (VDA method) (litres)	460	460	460	460
Wheels				
Wheels	Light alloy style 268 7J x 16	Light alloy style 194 M front 8J x 17 rear 8.5J x 17	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	205/55 R16	front 225/45 R17 rear 255/40 R17	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	695	695	745	745
Permitted trailer load braked (kg) on max 12% gradient	1400 (1500)	1400 (1500)	1600	1600
Performance				
0-62 mph (sec)	8.2 (8.9)	8.2 (8.9)	6.7 (7.1)	6.7 (7.1)
Maximum speed (mph)	142 (140)	142 (140)	155** (154)	155** (154)
Fuel consumption				
Urban (mpg / litres/100 km)	33.6/8.4 (31.7/8.9)	33.6/8.4 (31.7/8.9)	28.8/9.8 (29.1/9.7)	28.8/9.8 (29.1/9.7)
Extra-urban (mpg / litres/100 km)	58.9/4.8 (55.4/5.1)	58.9/4.8 (55.4/5.1)	51.4/5.5 (50.4/5.6)	51.4/5.5 (50.4/5.6)
Combined (mpg / litres/100 km)	46.3/6.1 (43.5/6.5)	46.3/6.1 (43.5/6.5)	39.8/7.1 (39.8/7.1)	39.8/7.1 (39.8/7.1)
CO ₂ emissions (g/km)	146 (156)	146 (156)	170 (170)	170 (170)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	14	15	16	16

Key

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** = Electronically limited

Technical specifications

Engine	330i SE	330i M Sport	335i SE	335i M Sport
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2996	2996	2979	2979
Torque (Nm/rpm)	320/2750	320/2750	400/1300	400/1300
Power output (kW/hp)	200/272	200/272	225/306	225/306
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	63	63	63	63
Boot capacity (VDA method) (litres)	460	460	450	450
Wheels				
Wheels	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	225/45 R17	front 225/40 R18 rear 255/35 R18	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on max 12% gradient	1700	1700	1700	1700
Performance				
0-62 mph (sec)	6.1 (6.3)	6.1 (6.3)	5.6 (5.8)	5.6 (5.8)
Maximum speed (mph)	155** (155**)	155** (155**)	155** (155**)	155** (155**)
Fuel consumption				
Urban (mpg / litres/100 km)	28.5/9.9 (28.5/9.9)	28.5/9.9 (28.5/9.9)	21.4/13.2 (21.6/13.1)	21.4/13.2 (21.6/13.1)
Extra-urban (mpg / litres/100 km)	50.4/5.6 (50.4/5.6)	50.4/5.6 (50.4/5.6)	42.2/6.7 (40.9/6.9)	42.2/6.7 (40.9/6.9)
Combined (mpg / litres/100 km)	39.2/7.2 (39.2/7.2)	39.2/7.2 (39.2/7.2)	31.0/9.1 (30.7/9.2)	31.0/9.1 (30.7/9.2)
CO ₂ emissions (g/km)	173 (173)	173 (173)	218 (221)	218 (221)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

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Engine	318d ES	318d SE	318d M Sport	320d ES
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995	1995
Torque (Nm/rpm)	300/1750	300/1750	300/1750	350/1750
Power output (kW/hp)	105/143	105/143	105/143	130/177
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	61	61	61	61
Boot capacity (VDA method) (litres)	460	460	460	460
Wheels				
Wheels	Light alloy style 156 7J x 16	Light alloy style 268 7J x 16	Light alloy style 194 M front 8J x 17 rear 8.5J x 17	Light alloy style 156 7J x 16
Tyres (Run-flat)	205/55 R16	205/55 R16	front 225/45 R17 rear 255/40 R17	205/55 R16
Towing				
Permitted trailer load unbraked (kg)	745	745	745	745
Permitted trailer load braked (kg) on max 12% gradient	1600	1600	1600	1600
Performance				
0-62 mph (sec)	9.3	9.3	9.3	7.9 (8.0)
Maximum speed (mph)	130	130	130	143 (142)
Fuel consumption				
Urban (mpg / litres/100 km)	49.6/5.7	49.6/5.7	49.6/5.7	47.1/6.0 (39.8/7.1)
Extra-urban (mpg / litres/100 km)	68.9/4.1	68.9/4.1	68.9/4.1	68.9/4.1 (64.2/4.4)
Combined (mpg / litres/100 km)	60.1/4.7	60.1/4.7	60.1/4.7	58.9/4.8 (52.3/5.4)
CO ₂ emissions (g/km)	123	123	123	128 (144)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	12	12	13	14

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Technical specifications

Engine	320d SE	320d M Sport	325d SE	325d M Sport
Engine	4 cylinder 16 valve	4 cylinder 16 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	1995	1995	2993	2993
Torque (Nm/rpm)	350/1750	350/1750	400/1300	400/1300
Power output (kW/hp)	130/177	130/177	145/197	145/197
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	61	61	61	61
Boot capacity (VDA method) (litres)	460	460	460	460
Wheels				
Wheels	Light alloy style 268 7J x 16	Light alloy style 194 M front 8J x 17 rear 8.5J x 17	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	205/55 R16	front 225/45 R17 rear 255/40 R17	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	745	745	750	750
Permitted trailer load braked (kg) on max 12% gradient	1600	1600	1800	1800
Performance				
0-62 mph (sec)	7.9 (8.0)	7.9 (8.0)	7.4 (7.6)	7.4 (7.6)
Maximum speed (mph)	143 (142)	143 (142)	146 (145)	146 (145)
Fuel consumption				
Urban (mpg / litres/100 km)	47.1/6.0 (39.8/7.1)	47.1/6.0 (39.8/7.1)	36.2/7.8 (34.0/8.3)	36.2/7.8 (34.0/8.3)
Extra-urban (mpg / litres/100 km)	68.9/4.1 (64.2/4.4)	68.9/4.1 (64.2/4.4)	58.9/4.8 (53.3/5.3)	58.9/4.8 (53.3/5.3)
Combined (mpg / litres/100 km)	58.9/4.8 (52.3/5.4)	58.9/4.8 (52.3/5.4)	47.9/5.9 (44.1/6.4)	47.9/5.9 (44.1/6.4)
CO ₂ emissions (g/km)	128 (144)	128 (144)	155 (169)	155 (169)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	14	15	16	16

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Engine	330d SE	330d M Sport	335d SE ¹	335d M Sport ¹
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993	2993	2993
Torque (Nm/rpm)	500/1750	500/1750	580/1750	580/1750
Power output (kW/hp)	170/231	170/231	210/286	210/286
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	61	61	61	61
Boot capacity (VDA method) (litres)	460	460	450	450
Wheels				
Wheels	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	225/45 R17	front 225/40 R18 rear 255/35 R18	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on max 12% gradient	1800	1800	1800	1800
Performance				
0-62 mph (sec)	6.7 (6.8)	6.7 (6.8)	(6.2)	(6.2)
Maximum speed (mph)	155** (155**)	155** (155**)	(155**)	(155**)
Fuel consumption				
Urban (mpg / litres/100 km)	34.4/8.2 (31.4/9.0)	34.4/8.2 (31.4/9.0)	(31.0/9.1)	(31.0/9.1)
Extra-urban (mpg / litres/100 km)	57.6/4.9 (54.3/5.2)	57.6/4.9 (54.3/5.2)	(53.3/5.3)	(53.3/5.3)
Combined (mpg / litres/100 km)	46.3/6.1 (42.8/6.6)	46.3/6.1 (42.8/6.6)	(42.2/6.7)	(42.2/6.7)
CO ₂ emissions (g/km)	160 (175)	160 (175)	(177)	(177)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

Key

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** = Electronically limited

¹ = Only available with automatic transmission

Standard equipment

318i ES / 320i ES

Engine

BMW EfficientDynamics Intelligent Energy Management system comprising:

- Auto Start-Stop (MSA) - 318i/d, 320i/d manual transmission only
- Brake Energy Regeneration (iGR)
- Intelligent Alternator Control (iAC)
- Optimum Shift Indicator (SPA) - manual transmission only

Catalytic converter

EU4 emissions management

Four-cylinder in-line petrol engine with high-precision direct injection

Transmission

Six-speed manual transmission

Wheels and chassis

16" light alloy Double-spoke style 156 with 205/55 R16 tyres

Aluminium front and five-link rear suspension

Electric Power Steering (EPS) with Servotronic

Safety and technology

Airbags:

- Airbags – driver and front passenger, front and side
- ITS head airbags, front and rear
- Passenger seat occupancy sensor, front

Alarm system (Thatcham 1) with remote control and engine immobiliser

Brake Force Display

Check control warning system

Dynamic Stability Control (DSC) comprising:

- Anti-lock Braking System (ABS)
- Automatic Stability Control (ASC)
- Cornering Brake Control (CBC)
- Dynamic Brake Control (DBC)
- Dynamic Traction Control (DTC)
- Electronic Brake-force Distribution (EBD)
- Engine Drag Torque Control (MSR)

First Aid kit and warning triangle

Foglights, front

Follow-me-home headlight function

Safety and technology (cont)

Head restraints – rear, adjustable and removable

High level third brake light

Run-flat tyres with Tyre Puncture Warning System (TPWS)

Seat belts – inertia reel at the front with pyrotechnical belt latch tensioner and belt force limiter

Visible VIN

Windscreen washer jets, heated

Windscreen wipers with adjustable intermittent intervals

Seats

Child seat ISOFIX attachment, front and rear

Fluid cloth upholstery

Exterior equipment

Exhaust tailpipe – single, chrome

Exterior mirrors – heated, electric adjustment

Exterior parts in body colour:

- Door handles
- Roof rail gutters

Indicator lenses, clear

Kidney grille, chrome with black vertical slats

Matt Black exterior trim

Interior equipment

Air conditioning, manual

Armrest – front, foldable with storage compartment

Cup holders

Door sill finishers with BMW designation

Electric windows - front and rear, with open/close fingertip control

Floor mats

Matt Titanium interior trim

Start/Stop button

Steering column with manual reach and rake adjustment

Sun visors with vanity mirrors

Three-spoke leather steering wheel

Toolkit located in luggage compartment

318i ES / 320i ES (cont)

Audio and communication

Auxiliary input point for auxiliary playing devices (e.g. MP3 player)
 Loudspeaker system with six speakers
 BMW Professional radio with single CD player
 On-Board Computer (OBC) comprising:
 Average fuel consumption
 Average speed
 On-board diagnosis (OBD)
 Outside temperature display
 Range
 Personal Profile
 Preparation for CD changer

318d ES / 320d ES

Equipment in addition to 318i ES, 320i ES

Diesel Particulate Filter (DPF)
 Four-cylinder in-line diesel engine with common-rail technology
 Incorrect fuelling protection system
 Turbocharger

318i/d SE, 320i/d SE

Equipment in addition to 318i/d ES, 320i/d ES

16" light alloy Double-spoke style 268 with 205/55 R16 tyres
 Air conditioning, automatic
 Cruise control
 Extended lighting comprising:
 Door handle illumination
 Exit lighting
 Footwell lights
 Reading lights, front and rear
 Sun visors with illuminated vanity mirrors
 Multi-function controls for steering wheel
 Park Distance Control (PDC), rear
 Rear-view mirror, automatically dimming

325i SE

Equipment in addition to 320i SE

17" light alloy Star-spoke style 158 with 225/45 R17 tyres
 Armrest – rear, centre with cupholders
 Chromeline exterior trim
 Cruise control with brake function
 Dynamic Stability Control Plus (DSC+) comprising:
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Hill-start assistant
 Soft stop
 Exhaust tailpipes – twin, chrome
 Kidney grille, chrome with chrome vertical slats
 Rain sensor with automatic headlight activation
 Six-cylinder in-line petrol engine with high-precision direct injection with four-valve technology

325d SE

Equipment in addition to 325i SE

Six-cylinder in-line diesel engine with common-rail technology
 Turbocharger

330i/d SE

Equipment in addition to 325i/d SE

Front bumper valance with painted matt titanium insert
 Headlight wash
 Metallic paintwork

Standard equipment

335i SE

Equipment in addition to 330i SE

Exhaust tailpipes – single, left and right, chrome
 Front bumper valance with painted aluminium insert
 Power assisted steering, hydraulic
 Twin turbo

335d SE

Equipment in addition to 330d SE

Automatic transmission
 Exhaust tailpipes – single, left and right, chrome
 Front bumper valance with painted aluminium insert
 Power assisted steering, hydraulic
 Three-spoke Sport leather steering wheel with gearshift paddles
 Variable twin turbo

M Sport models

Equipment in addition to SE models

Aluminium Glacier Silver interior trim
 Blue Shadow cloth/Alcantara upholstery
 Door sill finishers with M designation
 High-gloss Shadowline exterior trim
 Individual Anthracite headlining
 M Aerodynamic package
 M Sport suspension
 Shortened gearshift
 Sport seats
 Three-spoke M multi-function leather steering wheel (335d M Sport and six-cylinder M Sport models with automatic transmission, include steering wheel mounted gearshift paddles)

318i/d, 320i/d M Sport

Equipment in addition to SE models

17" light alloy M Double-spoke style 194M with mixed tyres

325i/d, 330i/d and 335i/d M Sport

Equipment in addition to SE models

18" light alloy M Star-spoke style 193M with mixed tyres

		Double-spoke style 156	Double-spoke style 268	Star-spoke style 155
Wheel size	front/rear	7 J x 16	7 J x 16	7 J x 16
Tyre size	front/rear	205/55 R16	205/55 R16	225/50 R16
	option code	2BH	2BW	2CX
				
318i ES, 318d ES, 320i ES, 320d ES		■	□	□
318i SE, 318d SE, 320i SE, 320d SE		-	■	□
325i SE, 325d SE		-	-	-
330i SE, 330d SE		-	-	-
335i SE, 335d SE		-	-	-

		Star-spoke style 158	Star-spoke style 159
Wheel size	front/rear	8 J x 17	8 J x 17
Tyre size	front/rear	225/45 R17	225/45 R17
	option code	2CY	2CZ
			
318i ES, 318d ES, 320i ES, 320d ES		□	□
318i SE, 318d SE, 320i SE, 320d SE		□	□
325i SE, 325d SE		■	□
330i SE, 330d SE		■	□
335i SE, 335d SE		■	□

Key ■ = Standard □ = Optional - = Not available

Wheels and tyres

		Radial-spoke style 160	Double-spoke style 161*	Ellipsoid-spoke style 162*
Wheel size	front/rear	8 J x 17	8 J x 17 / 8.5 J x 17	8 J x 18 / 8.5 J x 18
Tyre size	front/rear	225/45 R17	225/45 R17 / 255/40 R17	225/40 R18 / 255/35 R18
	option code	2HB	2BG	2AB
				
318i ES, 318d ES, 320i ES, 320d ES		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
318i SE, 318d SE, 320i SE, 320d SE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
325i SE, 325d SE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
330i SE, 330d SE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
335i SE, 335d SE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

		M Double-spoke style 194M*	M Star-spoke style 193M*
Wheel size	front/rear	8 J x 17 / 8.5 J x 17	8 J x 18 / 8.5 J x 18
Tyre size	front/rear	225/45 R17 / 255/40 R17	225/40 R18 / 255/35 R18
	option code	2ME	2MF
			
318i M Sport, 318d M Sport		<input checked="" type="checkbox"/>	<input type="checkbox"/>
320i M Sport, 320d M Sport		<input checked="" type="checkbox"/>	<input type="checkbox"/>
325i M Sport, 325d M Sport		-	<input checked="" type="checkbox"/>
330i M Sport, 330d M Sport		-	<input checked="" type="checkbox"/>
335i M Sport, 335d M Sport		-	<input checked="" type="checkbox"/>

Key

■ = Standard

□ = Optional

-- = Not available

*Snow chains cannot be fitted to these wheels

Optional equipment

Option Name

Seats

	code	318i ES	318i SE	318i M Sport	320i ES	320i SE	320i M Sport	325i SE	325i M Sport	330i SE	330i M Sport	335i SE	335i M Sport	318d ES	318d SE	318d M Sport	320d ES	320d SE	320d M Sport	325d SE	325d M Sport	330d SE	330d M Sport	335d SE	335d M Sport
Lumbar support, driver and front passenger	488	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Seat adjustment – front, electric with driver memory	459	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Seat adjustment – front, part-electric	4UA	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Seat heating, front	494	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Sports seats, front	481	□	□	■	□	□	■	□	■	□	■	□	■	□	□	■	□	□	■	□	■	□	■	□	■

Exterior equipment

Comfort Access system	322	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Exterior mirrors, folding (Not with 430)	313	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
High-gloss Shadowline exterior trim	760	□	□	■	□	□	■	□	■	□	■	□	■	□	□	■	□	□	■	□	■	□	■	□	■
Model designation, deletion	320	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Towbar, detachable	3AC	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or' □ = Optional ■ = Standard – = Not Available

Option Name

Interior equipment

	code	318i ES	318i SE	318i M Sport	320i ES	320i SE	320i M Sport	325i SE	325i M Sport	330i SE	330i M Sport	335i SE	335i M Sport	318d ES	318d SE	318d M Sport	320d ES	320d SE	320d M Sport	325d SE	325d M Sport	330d SE	330d M Sport	335d SE	335d M Sport
Air conditioning, automatic	534	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														
Armrest, front with sliding adjustment	4AE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Armrest – rear, centre	497	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Climate comfort windscreen (Includes 521, not with 3AP)	358	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extended lighting	563	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														
Glass sunroof with sliding and tilt function, electric adjustment	403	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Individual Anthracite headlining	775	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Individual sun protection glazing	761	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Luggage compartment package	418	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear-view and exterior mirrors, automatically dimming (Not with 313)	430	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear-view mirror, automatically dimming	431	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														
Rear-view mirror with digital compass (Only with 430/431, not with 5AC)	4NA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smoker's package, deletion	441	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage package	493	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sunblind, rear windscreen	415	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sunblinds – rear side windows, manual adjustment	417	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Through-loading system with integrated ski bag (Includes 497)	465	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Through-loading system with integrated storage compartment (Includes 497)	4UN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Universal remote control (Only with 430/431)	319	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Windscreen with grey shade band (Not with 358)	3AP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Steering wheels

Multi-function controls for steering wheel	249	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														
Three-spoke sports leather steering wheel	255	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	-	<input type="checkbox"/>	-	<input checked="" type="checkbox"/>	-						

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or' = Optional = Standard - = Not Available

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
3 Series Saloon [E90]	318i SE	M	■	■	■	■	■
3 Series Saloon [E90]	318i SE	A			■	■	■
3 Series Saloon [E90]	318i ES	M	■	■	■	■	■
3 Series Saloon [E90]	318i ES	A			■	■	■
3 Series Saloon [E90]	318i M Sport	M	■	■	■	■	
3 Series Saloon [E90]	318i M Sport	A			■	■	
3 Series Saloon [E90]	320i SE	M	■	■	■	■	■
3 Series Saloon [E90]	320i SE	A			■	■	■
3 Series Saloon [E90]	320i ES	M	■	■	■	■	■
3 Series Saloon [E90]	320i ES	A			■	■	■
3 Series Saloon [E90]	320i M Sport	M	■	■	■	■	
3 Series Saloon [E90]	320i M Sport	A			■	■	
3 Series Saloon [E90]	325i SE	M		■	■	■	■
3 Series Saloon [E90]	325i SE	A			■	■	■
3 Series Saloon [E90]	325i M Sport	M		■	■	■	
3 Series Saloon [E90]	325i M Sport	A			■	■	
3 Series Saloon [E90]	330i SE	M		■	■	■	■
3 Series Saloon [E90]	330i SE	A			■	■	■
3 Series Saloon [E90]	330i M Sport	M		■	■	■	
3 Series Saloon [E90]	330i M Sport	A			■	■	
3 Series Saloon [E90]	335i SE	M		■		■	■
3 Series Saloon [E90]	335i SE	A				■	■
3 Series Saloon [E90]	335i M Sport	M		■		■	
3 Series Saloon [E90]	335i M Sport	A				■	

Notes:

Electronic Power Steering not available in conjunction with option 217 Active Steering

Active Aerodynamics not available in conjunction with option 217 Active Steering

Key ■ = Standard

EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
3 Series Saloon [E90]	318d SE	M	■	■	■	■	■
3 Series Saloon [E90]	318d ES	M	■	■	■	■	■
3 Series Saloon [E90]	318d M Sport	M	■	■	■	■	
3 Series Saloon [E90]	320d SE	M	■	■	■	■	■
3 Series Saloon [E90]	320d SE	A			■	■	■
3 Series Saloon [E90]	320d ES	M	■	■	■	■	■
3 Series Saloon [E90]	320d ES	A			■	■	■
3 Series Saloon [E90]	320d M Sport	M	■	■	■	■	
3 Series Saloon [E90]	320d M Sport	A			■	■	
3 Series Saloon [E90]	325d SE	M		■	■	■	■
3 Series Saloon [E90]	325d SE	A			■	■	■
3 Series Saloon [E90]	325d M Sport	M		■	■	■	
3 Series Saloon [E90]	325d M Sport	A			■	■	
3 Series Saloon [E90]	330d SE	M		■	■	■	■
3 Series Saloon [E90]	330d SE	A			■	■	■
3 Series Saloon [E90]	330d M Sport	M		■	■	■	
3 Series Saloon [E90]	330d M Sport	A			■	■	
3 Series Saloon [E90]	335d SE	A				■	
3 Series Saloon [E90]	335d M Sport	A				■	

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering
 Active Aerodynamics not available in conjunction with option 217 Active steering

Key ■ = Standard

3 Series Touring E91

Now in its forth-generation the 3 Series Touring benefits from the same class leading chassis design as its Saloon counterpart and is a market leader in terms of comfort, practicality and luxury with no compromises in driving pleasure.

Performance and handling

- **Sharpest drive in its class** due to the low weight, 50:50 weight distribution, long wheelbase, rear-wheel drive and excellent steering precision.
- **Unrivalled fuel efficiency and emissions** due to BMW EfficientDynamics technologies, which were introduced in September 2007.
- **Five diesel and five petrol engine options** producing from 143 to 306 hp.

Design and practicality

- **Sporty aesthetic design.**
- **Among the most spacious in its class and incredibly versatile** with 460 litres of luggage capacity including underfloor storage, and a load area cover that lifts automatically for easy access. Roof rails also come as standard.
- **Luggage Storage Compartment Package** (optional) offers even further customisation of the load bay.
- **Tailgate with separately opening rear window** allowing flexible and easy access. In addition there is a shapely recess in the rear bumper to reduce the loading height.
- **Trailer tow hitch** with electric fold-out function (optional) is stowed cleverly behind the rear bumper when not in use.
- **Exclusive, user defined interior** boasts quality materials throughout the cabin and ergonomically placed controls.
- **Panoramic glass sunroof** (optional), that lets in more light and gives a generous feeling of space. The 3 Series Touring is the only car in this segment to offer such a feature.

Safety

- **Five-star rating** in Euro NCAP crash tests. Standard safety features include Dynamic Stability Control (comprising: Anti-lock Braking System, Automatic Stability Control, Cornering Brake Control, Dynamic Brake Control, Dynamic Traction Control, Electronic Brake-force Distribution) Run-flat tyres with Tyre Puncture Warning System, and child seat ISOFIX attachment.
- **Wide selection of driver assist** options including Active Cruise Control, Adaptive headlights and High-beam assistant.



Competitors

Primary competitors

Mercedes-Benz C-Class Estate
Audi A4 Avant

Secondary competitors

Jaguar X-Type Estate, Saab 9-3 SportWagon, Volvo V50

Competitor Comparison	BMW 320d SE	Mercedes C-Class 200CDI	Audi A4 Avant 2.0 TDI	Jaguar X-Type Estate 2.0D	Saab 9-3 SportWagon 1.9TID	Volvo V50 2.0D
Power output (hp)	177	136	140	130	150	136
0-62mph (seconds)	8.1	10.8	9.9	10.2	9.7*	9.6
Top speed (mpg)	142	129	128	123	124	127
Combined fuel consumption (mpg)	57.6	47.1	48.7	48.5	47.9	48.7
VED Band	C	D	D	D	D	D
CO ₂ (g/km)	131	157	162	154	159	153

* 0-60mph (seconds)

Data Source: Competitor websites

■ = Best value in class.

Did you know?

The 320d returns 57.6 mpg compared to 47.1 mpg from Mercedes C-Class 200 CDI and 46.3 mpg from the Audi Avant 2.0 TDI.

Technical specifications

Engine	318i ES	318i SE	318i M Sport	320i ES
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995	1995
Torque (Nm/rpm)	190/4250	190/4250	190/4250	210/4250
Power output (kW/hp)	105/143	105/143	105/143	125/170
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	63	63	63	63
Boot capacity (VDA method) (litres)	460-1385	460-1385	460-1385	460-1385
Wheels				
Wheels	Light alloy style 156 7J x 16	Light alloy style 268 7J x 16	Light alloy style 194 M front 8J x 17 rear 8.5J x 17	Light alloy style 156 7J x 16
Tyres (Run-flat)	205/55 R16	205/55 R16	front 225/45 R17 rear 255/40 R17	205/55 R16
Towing				
Permitted trailer load unbraked (kg)	695	695	695	695
Permitted trailer load braked (kg) on maximum gradient 12%	1250 (1400)	1250 (1400)	1250 (1400)	1400 (1500)
Performance				
0-62 mph (sec)	9.5 (10.4)	9.5 (10.4)	9.5 (10.4)	8.4 (9.2)
Maximum speed (mph)	130 (130)	130 (130)	130 (130)	140 (139)
Fuel consumption				
Urban (mpg / litres/100 km)	35.3/8.0 (32.8/8.6)	35.3/8.0 (32.8/8.6)	35.3/8.0 (32.8/8.6)	33.2/8.5 (31.0/9.1)
Extra-urban (mpg / litres/100 km)	57.6/4.9 (53.3/5.3)	57.6/4.9 (53.3/5.3)	57.6/4.9 (53.3/5.3)	57.6/4.9 (53.3/5.3)
Combined (mpg / litres/100 km)	47.1/6.0 (43.5/6.5)	47.1/6.0 (43.5/6.5)	47.1/6.0 (43.5/6.5)	45.6/6.2 (42.2/6.7)
CO ₂ emissions (g/km)	144 (156)	144 (156)	144 (156)	148 (160)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	12	12	13	14

Key () = Figures in brackets apply to cars with automatic transmission
* = Figures in [brackets] include mirrors

Engine	320i SE	320i M Sport	325i SE	325i M Sport
Engine	4 cylinder 16 valve	4 cylinder 16 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	1995	1995	2996	2996
Torque (Nm/rpm)	210/4250	210/4250	270/2400	270/2400
Power output (kW/hp)	125/170	125/170	160/218	160/218
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	63	63	63	63
Boot capacity (VDA method) (litres)	460-1385	460-1385	460-1385	460-1385
Wheels				
Wheels	Light alloy style 268 7J x 16	Light alloy style 194 M front 8J x 17 rear 8.5J x 17	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	205/55 R16	front 225/45 R17 rear 255/40 R17	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	695	695	745	745
Permitted trailer load braked (kg) on maximum gradient 12%	1400 (1500)	1400 (1500)	1600	1600
Performance				
0-62 mph (sec)	8.4 (9.2)	8.4 (9.2)	6.9 (7.3)	6.9 (7.3)
Maximum speed (mph)	140 (139)	140 (139)	154 (153)	154 (153)
Fuel consumption				
Urban (mpg / litres/100 km)	33.2/8.5 (31.0/9.1)	33.2/8.5 (31.0/9.1)	28.5/9.9 (28.8/9.8)	28.5/9.9 (28.8/9.8)
Extra-urban (mpg / litres/100 km)	57.6/4.9 (53.3/5.3)	57.6/4.9 (53.3/5.3)	50.4/5.6 (49.6/5.7)	50.4/5.6 (49.6/5.7)
Combined (mpg / litres/100 km)	45.6/6.2 (42.2/6.7)	45.6/6.2 (42.2/6.7)	39.2/7.2 (39.2/7.2)	39.2/7.2 (39.2/7.2)
CO ₂ emissions (g/km)	148 (160)	148 (160)	173 (173)	173 (173)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	14	15	16	16

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

Technical specifications

Engine	330i SE	330i M Sport	335i SE	335i M Sport
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2996	2996	2979	2979
Torque (Nm/rpm)	320/2750	320/2750	400/1300	400/1300
Power output (kW/hp)	200/272	200/272	225/306	225/306
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	63	63	63	63
Boot capacity (VDA method) (litres)	460-1385	460-1385	450-1375	450-1375
Wheels				
Wheels	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	225/45 R17	front 225/40 R18 rear 255/35 R18	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	1700	1700	1700	1700
Performance				
0-62 mph (sec)	6.2 (6.4)	6.2 (6.4)	5.7 (5.9)	5.7 (5.9)
Maximum speed (mph)	155** (155**)	155** (155**)	155** (155**)	155** (155**)
Fuel consumption				
Urban (mpg / litres/100 km)	28.2/10.0 (28.0/10.1)	28.2/10.0 (28.0/10.1)	21.1/13.4 (21.4/13.2)	21.1/13.4 (21.4/13.2)
Extra-urban (mpg / litres/100 km)	49.6/5.7 (48.7/5.8)	49.6/5.7 (48.7/5.8)	40.9/6.9 (40.4/7.0)	40.9/6.9 (40.4/7.0)
Combined (mpg / litres/100 km)	38.7/7.3 (38.2/7.4)	38.7/7.3 (38.2/7.4)	30.4/9.3 (30.4/9.3)	30.4/9.3 (30.4/9.3)
CO ₂ emissions (g/km)	175 (178)	175 (178)	222 (223)	222 (223)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

Key () = Figures in brackets apply to cars with automatic transmission
 * = Figures in [brackets] include mirrors
 ** = Electronically limited

Engine	318d ES	318d SE	318d M Sport	320d ES
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995	1995
Torque (Nm/rpm)	300/1750	300/1750	300/1750	350/1750
Power output (kW/hp)	105/143	105/143	105/143	130/177
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	61	61	61	61
Boot capacity (VDA method) (litres)	460-1385	460-1385	460-1385	460-1385
Wheels				
Wheels	Light alloy style 156 7J x 16	Light alloy style 268 7J x 16	Light alloy style 194 M front 8J x 17 rear 8.5J x 17	Light alloy style 156 7J x 16
Tyres (Run-flat)	205/55 R16	205/55 R16	front 225/45 R17 rear 255/40 R17	205/55 R16
Towing				
Permitted trailer load unbraked (kg)	745	745	745	745
Permitted trailer load braked (kg) on maximum gradient 12%	1600	1600	1600	1600
Performance				
0-62 mph (sec)	9.6	9.6	9.6	8.1 (8.3)
Maximum speed (mph)	130	130	130	142 (140)
Fuel consumption				
Urban (mpg / litres/100 km)	48.7/5.8	48.7/5.8	48.7/5.8	46.3/6.1 (38.7/7.3)
Extra-urban (mpg / litres/100 km)	67.3/4.2	67.3/4.2	67.3/4.2	67.3/4.2 (61.4/4.6)
Combined (mpg / litres/100 km)	58.9/4.8	58.9/4.8	58.9/4.8	57.6/4.9 (50.4/5.6)
CO ₂ emissions (g/km)	125	125	125	131 (146)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	12	12	13	14

Key

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** = Electronically limited

Technical specifications

Engine	320d SE	320d M Sport	325d SE	325d M Sport
Engine	4 cylinder 16 valve	4 cylinder 16 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	1995	1995	2993	2993
Torque (Nm/rpm)	350/1750	350/1750	400/1300	400/1300
Power output (kW/hp)	130/177	130/177	145/197	145/197
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	61	61	61	61
Boot capacity (VDA method) (litres)	460-1385	460-1385	460-1385	460-1385
Wheels				
Wheels	Light alloy style 268 7J x 16	Light alloy style 194 M front 8J x 17 rear 8.5J x 17	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	205/55 R16	front 225/45 R17 rear 255/40 R17	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	745	745	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	1600	1600	1800	1800
Performance				
0-62 mph (sec)	8.1 (8.3)	8.1 (8.3)	7.6 (7.7)	7.6 (7.7)
Maximum speed (mph)	142 (140)	142 (140)	145 (144)	145 (144)
Fuel consumption				
Urban (mpg / litres/100 km)	46.3/6.1 (38.7/7.3)	46.3/6.1 (38.7/7.3)	35.8/7.9 (33.6/8.4)	35.8/7.9 (33.6/8.4)
Extra-urban (mpg / litres/100 km)	67.3/4.2 (61.4/4.6)	67.3/4.2 (61.4/4.6)	57.6/4.9 (52.3/5.4)	57.6/4.9 (52.3/5.4)
Combined (mpg / litres/100 km)	57.6/4.9 (50.4/5.6)	57.6/4.9 (50.4/5.6)	47.1/6.0 (43.5/6.5)	47.1/6.0 (43.5/6.5)
CO ₂ emissions (g/km)	131 (146)	131 (146)	158 (172)	158 (172)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	14	15	16	16

Key () = Figures in brackets apply to cars with automatic transmission
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Engine	330d SE	330d M Sport	335d SE ¹	335d M Sport ¹
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993	2993	2993
Torque (Nm/rpm)	500/1750	500/1750	580/1750	580/1750
Power output (kW/hp)	170/231	170/231	210/286	210/286
Dimensions				
Length (mm)	4520	4520	4520	4520
Width* (mm)	1817 [2013]	1817 [2013]	1817 [2013]	1817 [2013]
Fuel tank capacity (litres)	61	61	61	61
Boot capacity (VDA method) (litres)	460-1385	460-1385	450-1375	450-1375
Wheels				
Wheels	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18	Light alloy style 158 8J x 17	Light alloy style 193 M front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	225/45 R17	front 225/40 R18 rear 255/35 R18	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	1800	1800	1800	1800
Performance				
0-62 mph (sec)	6.8 (6.9)	6.8 (6.9)	(6.3)	(6.3)
Maximum speed (mph)	154 (153)	154 (153)	(155**)	(155**)
Fuel consumption				
Urban (mpg / litres/100 km)	34.0/8.3 (31.0/9.1)	34.0/8.3 (31.0/9.1)	(30.7/9.2)	(30.7/9.2)
Extra-urban (mpg / litres/100 km)	56.5/5.0 (53.3/5.3)	56.5/5.0 (53.3/5.3)	(52.3/5.4)	(52.3/5.4)
Combined (mpg / litres/100 km)	45.6/6.2 (42.2/6.7)	45.6/6.2 (42.2/6.7)	(41.5/6.8)	(41.5/6.8)
CO ₂ emissions (g/km)	163 (176)	163 (176)	(178)	(178)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

** = Electronically limited

¹ = Only available with automatic transmission

Standard equipment

318i ES, 320i ES

Engine

BMW EfficientDynamics Intelligent Energy Management system comprising:

- Auto Start-Stop (MSA) – 318i/d, 320i/d manual transmission only

- Brake Energy Regeneration (iGR)

- Intelligent Alternator Control (iAC)

- Optimum Shift Indicator (SPA) – manual transmission only

Catalytic converter

EU4 emissions management

Four-cylinder in-line petrol engine with high-precision direct injection

Transmission

Six-speed manual transmission

Wheels and chassis

16" light alloy Double-spoke style 156 with 205/55 R16 tyres

Aluminium front and five-link rear suspension

Electric Power Steering (EPS) with Servotronic

Safety and technology

Airbags:

- Airbags – driver and front passenger, front and side

- ITS head airbags, front and rear

- Passenger seat occupancy sensor, front

Alarm system (Thatcham 1) with remote control and engine immobiliser

Brake Force Display

Check control warning system

Dynamic Stability Control (DSC) comprising:

- Anti-lock Braking System (ABS)

- Automatic Stability Control (ASC)

- Cornering Brake Control (CBC)

- Dynamic Brake Control (DBC)

- Dynamic Traction Control (DTC)

- Electronic Brake-force Distribution (EBD)

- Engine Drag Torque Control (MSR)

First Aid kit and warning triangle

Foglights, front

Follow-me-home headlight function

High level third brake light

Safety and technology (cont)

Run-flat tyres with Tyre Puncture Warning System (TPWS)

Seat belts – inertia reel at the front with pyrotechnical belt latch tensioner and belt force limiter

Visible VIN

Windscreen washer jets, heated

Windscreen wipers with adjustable intermittent intervals

Seats

60:40 split-folding rear seat

Child seat ISOFIX attachment, front and rear

Fluid cloth upholstery

Exterior equipment

Exhaust tailpipe – single, chrome

Exterior mirrors - heated, electric adjustment

Exterior parts in body colour:

- Door handles

- Roof rail gutters

Indicator lenses, clear

Kidney grille, chrome with black vertical slats

Matt Black exterior trim

Roof rails, black

Interior equipment

Air conditioning, manual

Armrest – front, with storage compartment

Armrest – rear, with two cup holders

Cup holders

Door sill finishers with BMW designation

Electric windows - front and rear, with open/close fingertip control

Floor mats

Luggage compartment comprising:

- Interior light

- Securing rings, two

- Separating net

- 12V socket

Matt Titanium interior trim

Start/Stop button

318i ES, 320i ES (cont)

Interior equipment (cont)

Steering column with manual reach and rake adjustment
 Sun visors with vanity mirrors
 Three-spoke leather steering wheel
 Toolkit located in luggage compartment

Audio and communication

Auxiliary input point for auxiliary playing devices (e.g. MP3 player)
 BMW Professional radio with single CD player
 Loudspeaker system with six speakers
 On-Board Computer (OBC) comprising:
 Average fuel consumption
 Average speed
 On-board Diagnosis (OBD)
 Outside temperature display
 Range
 Personal Profile
 Preparation for CD changer

318d ES / 320d ES

Equipment in addition to 318i ES, 320i ES

Diesel Particulate Filter (DPF)
 Four-cylinder in-line diesel engine with common-rail technology
 Incorrect fuelling protection system
 Turbocharger

318i/d SE, 320i/d SE

Equipment in addition to 318i/d ES, 320i/d ES

16" light alloy Double-spoke style 268 with 205/55 R16 tyres
 Air conditioning, automatic
 Cruise control
 Extended lighting comprising:
 Door handle illumination
 Exit lighting
 Footwell lights
 Reading lights, front and rear
 Sun visors with illuminated vanity mirrors
 Multi-function controls for steering wheel
 Park Distance Control (PDC), rear
 Rear-view mirror, automatically dimming

325i SE

Equipment in addition to 320i SE

17" light alloy Star-spoke style 158 with 225/45 R17 tyres
 Chromeline exterior trim
 Cruise control with brake function
 Dynamic Stability Control Plus (DSC+) comprising:
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Hill-start assistant
 Soft stop
 Exhaust tailpipes – twin, chrome
 Kidney grille, chrome with chrome vertical slats
 Rain sensor with automatic headlight activation
 Six-cylinder in-line engine with high-precision direct injection with four-valve technology

Standard equipment

325d SE

Equipment in addition to 325i SE

Six-cylinder in-line diesel engine with common-rail technology
Turbo charger

330i/d SE

Equipment in addition to 325i/d SE

Front bumper valance with painted matt titanium insert
Headlight wash
Metallic paintwork

335i SE

Equipment in addition to 330i SE

Exhaust tailpipes – single, left and right, chrome
Front bumper valance with painted aluminium insert
Power assisted steering, hydraulic
Twin turbo

335d SE

Equipment in addition to 330d SE

Automatic transmission
Exhaust tailpipes – single, left and right, chrome
Front bumper valance with painted aluminium insert
Power assisted steering, hydraulic
Three-spoke Sport leather steering wheel with gearshift paddles
Variable twin turbo

M Sport models

Equipment in addition to SE models

Aluminium Glacier Silver interior trim
Blue Shadow cloth/Alcantara upholstery
Door sill finishers with M designation
High-gloss Shadowline exterior trim
Individual Anthracite headlining
M Aerodynamic package
M Sport suspension
Shortened gearshift
Sport seats
Three-spoke M multi-function leather steering wheel (335d M Sport and 335i M Sport, with automatic transmission include steering wheel mounted gearshift paddles)

318i/d, 320i/d M Sport

Equipment in addition to SE models

17" light alloy M Double-spoke style 194M with mixed tyres

325i/d, 330i/d and 335i/d M Sport

Equipment in addition to SE models

18" light alloy M Star-spoke style 193M with mixed tyres

		Double-spoke style 156	Double-spoke style 268	Star-spoke style 155
Wheel size	front/rear	7 J x 16	7 J x 16	7 J x 16
Tyre size	front/rear	205/55 R16	205/55 R16	225/50 R16
	option code	2BH	2BW	2CX
				
	318i ES, 318d ES	■	□	□
	318i SE, 318d SE	-	■	□
	320i ES, 320d ES	■	□	□
	320i SE, 320d SE	-	■	□
	325i/d SE, 330i/d SE, 335i/d SE	-	-	-

		Star-spoke style 158	Star-spoke style 159	Radial-spoke style 160
Wheel size	front/rear	8 J x 17	8 J x 17	8 J x 17
Tyre size	front/rear	225/45 R17	225/45 R17	225/45 R17
	option code	2CY	2CZ	2HB
				
	318i ES, 318d ES	□	□	□
	318i SE, 318d SE	□	□	□
	320i ES, 320d ES	□	□	□
	320i SE, 320d SE	□	□	□
	325i/d SE, 330i/d SE, 335i/d SE	■	□	□

Key ■ = Standard □ = Optional - = Not available

Wheels and tyres

		Double-spoke style 161*	Ellipsoid-spoke style 162*
Wheel size	front/rear	8J x 17 / 8.5J x 17	8J x 18 / 8.5J x 18
Tyre size	front/rear	225/45 R17 / 255/40 R17	225/40 R18 / 255/35 R18
	option code	2BG	2AB
			
	318i ES, 318d ES	□	□
	318i SE, 318d SE	□	□
	320i ES, 320d ES	□	□
	320i SE, 320d SE	□	□
	325i/d SE, 330i/d SE, 335i/d SE	□	□

		M Double-spoke style 194M*	M Star-spoke style 193M*
Wheel size	front/rear	8 J x 17 / 8.5 J x 17	8 J x 18 / 8.5 J x 18
Tyre size	front/rear	225/45 R17 / 255/40 R17	225/40 R18 / 255/35 R18
	option code	2ME	2MF
			
	318i/d, 320i/d M Sport	■	□
	325i/d M Sport	-	■
	330i/d, 335i/d M Sport	-	■

Key

■ = Standard

□ = Optional

- = Not available

*Snow chains cannot be fitted to these wheels

Optional equipment

Option Name

Interior equipment (cont.)

code	318i ES	318i SE	318i M Sport	320i ES	320i SE	320i M Sport	325i SE	325i M Sport	330i SE	330i M Sport	335i SE	335i M Sport	318d ES	318d SE	318d M Sport	320d ES	320d SE	320d M Sport	325d SE	325d M Sport	330d SE	330d M Sport	335d SE	335d M Sport
Panoramic glass sunroof with sliding and tilt function, electric adjustment	402	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Rear view and exterior mirrors, automatically dimming (Not with 313)	430	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Rear-view mirror, automatically dimming	431	□	■	■	□	■	■	■	■	■	■	■	□	■	■	□	■	■	■	■	■	■	■	■
Rear-view mirror with digital compass (Only with 430/431 and 521, not with 5AC)	4NA	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Ski bag	464	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Smoker's package, deletion	441	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Storage package	493	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Sunblinds – rear side windows, manual adjustment	417	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Universal remote control (Only with 430/431)	319	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Windscreen with grey shade band (Not with 358)	3AP	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

Steering wheels

Multi-function controls for steering wheel	249	□	■	■	□	■	■	■	■	■	■	■	□	■	■	□	■	■	■	■	■	■	■	■
Three-spoke sports leather steering wheel	255	□	□	-	□	-	□	-	□	-	□	-	□	□	-	□	□	-	□	-	□	-	■	-

Audio and communication

Bluetooth telephone preparation (Not with 606/609)	644	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Bluetooth telephone preparation with telematics (Only with 606/609)	633	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
BMW ConnectedDrive – Assist (Only with 633 + 606/609)	612	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
BMW ConnectedDrive – Online (Only with 633 + 606/609)	616	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
CD changer for six CDs	672	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
DAB digital radio	654	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Hi-Fi loudspeaker system	676	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Hi-Fi loudspeaker system – LOGIC7 Professional	677	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
BMW Individual Audio system (Only on M Sport models or SE models with leather upholstery)	752	-	-	-	-	-	-	□	□	□	□	□	-	-	-	-	-	-	□	□	□	□	□	□
Navigation system – Business (Not with 644, only with 249 and 534)	606	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Navigation system – Professional (Not with 644, only with 249 and 534)	609	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
TV function (Only with 609)	601	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
USB interface	6FL	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Voice Control (Only with 606/609)	620	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

Packages

Media package – Business	ZB3	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Media package – Professional	ZP3	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Visibility package	ZV3	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or' □ = Optional ■ = Standard - = Not Available

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering (EPS)	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
3 Series Touring [E91]	318i SE	M	■	■	■	■	■
3 Series Touring [E91]	318i SE	A			■	■	■
3 Series Touring [E91]	318i ES	M	■	■	■	■	■
3 Series Touring [E91]	318i ES	A			■	■	■
3 Series Touring [E91]	318i M Sport	M	■	■	■	■	
3 Series Touring [E91]	318i M Sport	A			■	■	
3 Series Touring [E91]	320i SE	M	■	■	■	■	■
3 Series Touring [E91]	320i SE	A			■	■	■
3 Series Touring [E91]	320i ES	M	■	■	■	■	■
3 Series Touring [E91]	320i ES	A			■	■	■
3 Series Touring [E91]	320i M Sport	M	■	■	■	■	
3 Series Touring [E91]	320i M Sport	A			■	■	
3 Series Touring [E91]	325i SE	M		■	■	■	■
3 Series Touring [E91]	325i SE	A			■	■	■
3 Series Touring [E91]	325i M Sport	M		■	■	■	
3 Series Touring [E91]	325i M Sport	A			■	■	
3 Series Touring [E91]	330i SE	M		■	■	■	■
3 Series Touring [E91]	330i SE	A			■	■	■
3 Series Touring [E91]	330i M Sport	M		■	■	■	
3 Series Touring [E91]	330i M Sport	A			■	■	
3 Series Touring [E91]	335i SE	M		■		■	■
3 Series Touring [E91]	335i SE	A				■	■
3 Series Touring [E91]	335i M Sport	M		■		■	
3 Series Touring [E91]	335i M Sport	A				■	

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering

Active Aerodynamics not available in conjunction with option 217 Active steering

Key ■ = Standard

EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
3 Series Touring [E91]	318d SE	M	■	■	■	■	■
3 Series Touring [E91]	318d ES	M	■	■	■	■	■
3 Series Touring [E91]	318d M Sport	M	■	■	■	■	
3 Series Touring [E91]	320d SE	M	■	■	■	■	■
3 Series Touring [E91]	320d SE	A			■	■	■
3 Series Touring [E91]	320d ES	M	■	■	■	■	■
3 Series Touring [E91]	320d ES	A			■	■	■
3 Series Touring [E91]	320d M Sport	M	■	■	■	■	
3 Series Touring [E91]	320d M Sport	A			■	■	
3 Series Touring [E91]	325d SE	M		■	■	■	■
3 Series Touring [E91]	325d SE	A			■	■	■
3 Series Touring [E91]	325d M Sport	M		■	■	■	
3 Series Touring [E91]	325d M Sport	A			■	■	
3 Series Touring [E91]	330d SE	M		■	■	■	■
3 Series Touring [E91]	330d SE	A			■	■	■
3 Series Touring [E91]	330d M Sport	M		■	■	■	
3 Series Touring [E91]	330d M Sport	A			■	■	
3 Series Touring [E91]	335d SE	A				■	
3 Series Touring [E91]	335d M Sport	A				■	

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering
Active Aerodynamics not available in conjunction with option 217 Active steering

Key ■ = Standard

3 Series Coupé E92

The third-generation of 3 Series Coupé launched in the UK in September 2006 and marked the introduction of the first ever twin turbo petrol-powered engine in a production vehicle.

Positioned higher in the market segment versus the outgoing E46 Coupé, the differentiation between the Coupé and the other 3 Series variants increased further in terms of sportiness and exclusivity. Mechanically, the Coupé is engineered specifically for a more sporting driving experience and this is mirrored in the exterior and interior design and styling.

Better power and economy

- **Introduction of BMW's first ever twin turbo petrol-powered engine with high-precision direct injection technology.**
- **Use of lightweight materials in the body construction.** The new Coupé features aluminium front suspension for all models.
- **Dynamic driving experience** due to excellent body stiffness, near perfect 50:50 weight distribution and five-link rear suspension.

Design and styling

- **Low, aggressive 'face'.** The headlights have a distinctive 'eye-brow' line that creates a focused look and visually stretches the car horizontally to create an imposing stance. The broad kidney grille visually lowers the centre of gravity.
- **Long bonnet** signifies the trademark straight-six engine beneath.
- **Short overhangs** improves directional stability and reduces body roll, inspiring confidence when cornering.
- **Distinctive tail-light design** is integrated into the bootlid and features horizontal lighting elements that work to make the car appear wider and more muscular, particularly at night.
- **Daytime running lights** featuring double corona rings lend the 3 Series Coupé an unmistakable BMW 'face'.
- **Four-seat coupé environment.** The continuous centre console extends all the way to the rear compartment, separating the two ergonomically designed rear seats and providing handy storage options. The rear seats are set low, giving ample headroom and full four-seater usability.

Safety

- **DSC (with additional functionality for 6-cylinder models)** provides the maximum amount of traction in poor weather conditions ensuring the car remains under maximum control at all times.
- **Run-flat tyres** retain their shape and rim position, even after a complete loss of pressure, ensuring the vehicle remains stable.
- **Tyre Puncture Warning System** warns the driver of any loss of tyre pressure or sudden tyre damage.
- **Xenon headlights** as standard.



Did you know?

The BMW 3 Series Coupé offers an unbeatable combination of performance and fuel efficiency.

Performance and economy are both top priorities for the Coupé. The 330d produces 231hp and reaches 0-62mph in 6.6 seconds yet still delivers 46.3 mpg on the combined cycle.

Competitors

Primary competitors

Mercedes-Benz CLK-Class Coupé
Audi A5

Secondary competitors

Alfa Romeo Brera

Competitor Comparison	BMW 330d SE	Mercedes CLK Coupé 320 CDI	Audi A5 Sport 3.0 TDI	Alfa Romeo Brera 2.4 JTDM
Power output (hp)	231	224	239	210
0-62mph (seconds)	6.6	6.9	5.9	7.9
Top speed (mph)	155*	155*	155	143
Combined fuel consumption (mpg)	46.3	38.7	39.2	41.5
VED Band	D	F	F	E
CO ₂ (g/km)	160	193	191	179

* Electronically limited

■ = Best value in class.

Data Source: Competitor websites

Technical specifications

Engine	320i SE	320i M Sport	325i SE	325i M Sport
Engine	4 cylinder 16 valve	4 cylinder 16 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	1995	1995	2996	2996
Power output (Kw/hp)	125/170	125/170	160/218	160/218
Torque (Nm/rpm)	210/4250	210/4250	270/2400	270/2400
Dimensions				
Length (mm)	4580	4580	4580	4580
Width (mm)	1782	1782	1782	1782
Fuel tank capacity (litres)	63	63	63	63
Boot capacity (VDA method) (litres)	440	440	440	440
Wheels				
Wheels	Light alloy style 157 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18	Light alloy style 157 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18
Tyres	225/45 R17	front 225/40 R18 rear 255/35 R18	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	695	695	745	745
Permitted trailer load braked (kg) on max 12% gradient	1400 (1500)	1400 (1500)	1600	1600
Performance				
0-62 mph (sec)	8.1 (8.8)	8.1 (8.8)	6.6 (7.0)	6.6 (7.0)
Maximum speed (mph)	143 (142)	143 (142)	155* (155*)	155* (155*)
Fuel Consumption				
EU Urban (mpg / litres/100 km)	32.5/8.7 (31.7/8.9)	32.5/8.7 (31.7/8.9)	28.8/9.8 (29.1/9.7)	28.8/9.8 (29.1/9.7)
EU Extra-urban (mpg / litres/100 km)	57.6/4.9 (55.4/5.1)	57.6/4.9 (55.4/5.1)	51.4/5.5 (50.4/5.6)	51.4/5.5 (50.4/5.6)
Combined (mpg / litres/100 km)	44.8/6.3 (43.5/6.5)	44.8/6.3 (43.5/6.5)	39.8/7.1 (39.8/7.1)	39.8/7.1 (39.8/7.1)
CO ₂ emissions EU (g/km)	151 (156)	151 (156)	170 (170)	170 (170)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	15	15	16	16

Key

() = Figures in brackets apply to cars with Automatic Transmission.

* = Electronically limited.

Engine	330i SE	330i M Sport	335i SE	335i M Sport
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2996	2996	2979	2979
Power output (Kw/hp)	200/272	200/272	225/306	225/306
Torque (Nm/rpm)	320/2750	320/2750	400/1300	400/1300
Dimensions				
Length (mm)	4580	4580	4580	4580
Width (mm)	1782	1782	1782	1782
Fuel tank capacity (litres)	63	63	63	63
Boot capacity (VDA method) (litres)	440	440	430	430
Wheels				
Wheels	Light alloy style 185 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18	Light alloy style 188 front 8 J x 17 rear 8.5 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18
Tyres	225/45 R17	front 225/40 R18 rear 255/35 R18	front 225/45 R17 rear 255/40 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on max 12% gradient	1700	1700	1700	1700
Performance				
0-62 mph (sec)	6.0 (6.2)	6.0 (6.2)	5.5 (5.7)	5.5 (5.7)
Maximum speed (mph)	155* (155*)	155* (155*)	155* (155*)	155* (155*)
Fuel Consumption				
EU Urban (mpg / litres/100 km)	28.5/9.9 (28.5/9.9)	28.5/9.9 (28.5/9.9)	21.4/13.2 (21.6/13.1)	21.4/13.2 (21.6/13.1)
EU Extra-urban (mpg / litres/100 km)	50.4/5.6 (50.4/5.6)	50.4/5.6 (50.4/5.6)	42.2/6.7 (40.9/6.9)	42.2/6.7 (40.9/6.9)
Combined (mpg / litres/100 km)	39.2/7.2 (39.2/7.2)	39.2/7.2 (39.2/7.2)	31.0/9.1 (30.7/9.2)	31.0/9.1 (30.7/9.2)
CO ₂ emissions EU (g/km)	173 (173)	173 (173)	218 (221)	218 (221)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

Key

() = Figures in brackets apply to cars with Automatic Transmission.
* = Electronically limited.

Technical specifications

Engine	320d SE	320d M Sport	325d SE	325d M Sport
Engine	4 cylinder 16 valve	4 cylinder 16 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	1995	1995	2993	2993
Power output (Kw/hp)	130/177	130/177	145/197	145/197
Torque (Nm/rpm)	350/1750	350/1750	400/1300	400/1300
Dimensions				
Length (mm)	4580	4580	4580	4580
Width (mm)	1782	1782	1782	1782
Fuel tank capacity (litres)	61	61	61	61
Boot capacity (VDA method) (litres)	440	440	440	440
Wheels				
Wheels	Light alloy style 157 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18	Light alloy style 157 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18
Tyres	225/45 R17	front 225/40 R18 rear 255/35 R18	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	745	745	750	750
Permitted trailer load braked (kg) on max 12% gradient	1600	1600	1800	1800
Performance				
0-62 mph (sec)	7.9 (8.0)	7.9 (8.0)	7.3 (7.5)	7.3 (7.5)
Maximum speed (mph)	144 (143)	144 (143)	148 (147)	148 (147)
Fuel Consumption				
EU Urban (mpg / litres/100 km)	47.1/6.0 (39.2/7.2)	47.1/6.0 (39.2/7.2)	36.2/7.8 (34.0/8.3)	36.2/7.8 (34.0/8.3)
EU Extra-urban (mpg / litres/100 km)	68.9/4.1 (62.8/4.5)	68.9/4.1 (62.8/4.5)	58.9/4.8 (53.3/5.3)	58.9/4.8 (53.3/5.3)
Combined (mpg / litres/100 km)	58.9/4.8 (51.4/5.5)	58.9/4.8 (51.4/5.5)	47.9/5.9 (44.1/6.4)	47.9/5.9 (44.1/6.4)
CO ₂ emissions EU (g/km)	128 (145)	128 (145)	155 (169)	155 (169)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	15	15	16	16

Key

() = Figures in brackets apply to cars with Automatic Transmission.
 * = Electronically limited.

Engine	330d SE	330d M Sport	335d SE ¹	335d M Sport ¹
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993	2993	2993
Power output (Kw/hp)	170/231	170/231	210/286	210/286
Torque (Nm/rpm)	500/1750	500/1750	580/1750	580/1750
Dimensions				
Length (mm)	4580	4580	4580	4580
Width (mm)	1782	1782	1782	1782
Fuel tank capacity (litres)	61	61	61	61
Boot capacity (VDA method) (litres)	440	440	430	430
Wheels				
Wheels	Light alloy style 185 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18	Light alloy style 188 front 8 J x 17 rear 8.5 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18
Tyres	225/45 R17	front 225/40 R18 rear 255/35 R18	front 225/45 R17 rear 255/40 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on max 12% gradient	1800	1800	1800	1800
Performance				
0-62 mph (sec)	6.6 (6.7)	6.6 (6.7)	(6.1)	(6.1)
Maximum speed (mph)	155* (155*)	155* (155*)	(155*)	(155*)
Fuel Consumption				
EU Urban (mpg / litres/100 km)	34.4/8.2 (31.4/9.0)	34.4/8.2 (31.4/9.0)	(31.0/9.1)	(31.0/9.1)
EU Extra-urban (mpg / litres/100 km)	57.6/4.9 (54.3/5.2)	57.6/4.9 (54.3/5.2)	(53.3/5.3)	(53.3/5.3)
Combined (mpg / litres/100 km)	46.3/6.1 (42.8/6.6)	46.3/6.1 (42.8/6.6)	(42.2/6.7)	(42.2/6.7)
CO ₂ emissions EU (g/km)	160 (175)	160 (175)	(177)	(177)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

Key

() = Figures in brackets apply to cars with Automatic Transmission.

* = Electronically limited.

¹ = Only available with automatic transmission.

Standard equipment

320i SE

Engine

BMW EfficientDynamics Intelligent Energy Management system comprising:

- Auto Start-Stop (MSA) – 320i/d manual transmission only
- Brake Energy Regeneration (iGR)
- Intelligent Alternator Control (IAC)
- Optimum Shift Indicator (SPA) – manual transmission only

Catalytic converter
 EU4 emissions management
 Four-cylinder in-line petrol engine with high-precision direct injection

Transmission

Six-speed manual transmission

Wheels and chassis

17" light alloy Star-spoke style 157 with 225/45 R17 tyres
 Aluminium front and five-link rear suspension
 Disc Brakes – front and rear, inner vented
 Electric Power Steering (EPS) with Servotronic

Safety and technology

Airbags:

- Airbags – driver and front passenger, front
- Side airbags – driver and front passenger
- Advanced Head Protection System (AHPS) front to rear curtain head airbags
- Passenger seat occupancy sensor, front

Alarm system (Thatcham 1) with remote control and engine immobiliser
 Brake Force Display
 Check control warning system
 Cruise control
 Daytime running lights
 Dynamic Stability Control (DSC) comprising:

- Anti-lock Braking System (ABS)
- Automatic Stability Control (ASC)
- Cornering Brake Control (CBC)
- Dynamic Brake Control (DBC)
- Dynamic Traction Control (DTC)
- Electronic Brake-force Distribution (EBD)
- Engine Drag Torque Control (MSR)

Safety and technology (cont)

First Aid kit and warning triangle
 Foglights, front and rear
 Follow-me-home headlight function
 Headlight wash
 Head restraints – front and rear
 High level third brake light
 Park Distance Control (PDC), rear
 Run-flat tyres with Tyre Puncture Warning System (TPWS)
 Seat belt system – front with belt latch tensioner with belt force limiter
 Seat belt system – rear with two three point locking inertia-reel belts
 Visible VIN
 Windscreen washer jets, heated
 Windscreen wipers with adjustable intermittent intervals
 Xenon headlights for low and high beam

Seats

60:40 split-folding rear seat
 Child seat ISOFIX attachments, front and rear
 Fluid cloth upholstery
 Four seats
 Rear seat easy access system
 Seat adjustment – front, part-electric

Exterior equipment

Air scoop with grille in front bumper, black
 Door handles – bow-type, body coloured
 Exhaust tailpipe – single, chrome
 Exterior mirrors – heated, electric adjustment, in body-colour
 Indicator lenses, clear
 Kidney grille, chrome with black vertical slats
 Matt Black exterior trim

Interior equipment

Air conditioning, automatic
 Armrest – front, foldable, with storage compartment
 Armrest – rear, centre, with two cup holders
 Cup holders, front and rear
 Door sill finishers with BMW designation
 Electric windows – front with open/close fingertip control

320i SE (cont)

Interior equipment (cont)

Extended lighting comprising:

- Ambient interior lighting – light band in door and side trim
- Door handle illumination
- Exit lighting
- Footwell lights, front and rear
- Interior lights, front and rear with soft on/off
- Reading lights, front and rear

Floor mats

Multi-function controls for steering wheel

Rear-view mirror, automatically dimming

Seat belt handover – front, electric

Smoker's package

Start/Stop button

Steering column with manual reach and rake adjustment

Storage facilities:

- Clothes hook, rear
- Rear storage compartment in centre console
- Storage compartment in door panels, folding
- Storage compartment next to steering column with lid
- Storage nets on seat backrests

Sun visors with illuminated vanity mirrors

Three-spoke Sport leather steering wheel with decorative inserts in matt chrome Pearl Grey

Titanium Light interior trim

Toolkit located in luggage compartment

Windscreen with grey shade band

Audio and communication

Auxiliary input point for auxiliary playing devices (e.g. MP3 player)

BMW Professional radio with single CD player (with MP3 playback compatibility)

Loudspeaker system with six speakers

On-Board Computer (OBC) comprising:

- Average fuel consumption and range
- Average speed
- On-Board Diagnosis
- Outside temperature display
- Time/date

Personal Profile via remote key

Preparation for six CD changer

320d SE

Equipment in addition or replacement to 320i SE

Diesel Particulate Filter (DPF)

Four-cylinder in-line diesel engine with common-rail injection

Incorrect fuelling protection system

Turbocharger

325i SE

Equipment in addition or replacement to 320i SE

Chromeline exterior trim

Cruise control with brake function

Dynamic Stability Control Plus (DSC+) comprising:

- Brake Drying
- Brake fade compensation
- Brake pre-tensioning
- Hill-start assistant
- Soft stop

Exhaust tailpipes – twin, chrome

Kidney grille, chrome with chrome vertical slats

Oil temperature display

Rain sensor with automatic headlight activation

Seat adjustment – front, electric with driver memory

Six-cylinder in-line petrol engine with high-precision direct injection

Standard equipment

325d SE

Equipment in addition or replacement to 320d SE

Chromeline exterior trim
 Cruise control with brake function
 Dynamic Stability Control Plus (DSC+) comprising:
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Hill-start assistant
 Soft stop
 Exhaust tailpipes – twin, chrome
 Kidney grille, chrome with chrome vertical slats
 Rain sensor with automatic headlight activation
 Seat adjustment – front, electric with driver memory
 Six-cylinder in-line diesel engine with common-rail injection

330i/d SE

Equipment in addition or replacement to 325i/d SE

17" light alloy Star-spoke style 185 with 225/45 R17 tyres
 Metallic paintwork

335i SE

Equipment in addition or replacement to 330i SE

17" light alloy V-spoke style 188 with 225/45 R17 front, 255/40 R17 rear tyres
 Air scoop with grille in front bumper, grey (black in combination with optional Active Cruise Control)
 Exhaust tailpipes – single, left and right, chrome
 Sport seats
 M Sport suspension
 Matt chrome Pearl Grey exterior trim
 Power steering, hydraulic
 Twin turbo

335d SE

Equipment in addition or replacement to 330d SE

17" light alloy V-spoke style 188 with 225/45 R17 front, 255/40 R17 rear tyres
 Air scoop with grille in front bumper, grey (black in combination with optional Active Cruise Control)
 Automatic transmission with steering wheel mounted gearshift paddles
 Exhaust tailpipes – single, left and right, chrome
 Sport seats
 M Sport suspension
 Matt chrome Pearl Grey exterior trim
 Power steering, hydraulic
 Variable twin turbo

M Sport models

Equipment in addition or replacement to SE models

18" light alloy M Star-spoke style 193 M with 225/40 R18 front, 255/35 R18 rear
 Aluminium Glacier Silver interior trim
 Blue Shadow cloth/Alcantara upholstery
 Door sill finishers with M designation
 High-gloss Shadowline exterior trim
 Individual Anthracite headlining
 M Aerodynamic package
 M Sport suspension
 Shortened gearshift
 Sport seats
 Three-spoke M multi-function leather steering wheel

		Star-spoke style 157	Star-spoke style 185
Wheel size	front/rear	8J x 17	8J x 17
Tyre size	front/rear	225/45 R17	225/45 R17
	option code	n/a	2C5
			
320i SE, 320d SE, 325i SE, 325d SE		■	□
330i SE, 330d SE		-	■
335i SE, 335d SE		-	-

		Radial-spoke style 187	V-spoke style 188
Wheel size	front/rear	8J x 17	8J x 17 / 8.5J x 17
Tyre size	front/rear	225/45 R17	225/45 R17 / 255/40 R17
	option code	2HC	2KE
			
320i SE, 320d SE, 325i SE, 325d SE		□	□
330i SE, 330d SE		□	□
335i SE, 335d SE		-	■

Key ■ = Standard □ = Optional -- = Not available

Wheels and tyres

		Star-spoke style 189	Star-spoke style 230
Wheel size	front/rear	8J x 18 / 8.5J x 18	8J x 19 / 9J x 19
Tyre size	front/rear	225/40 R18 / 255/35 R18	225/35 R19 / 255/30 R19
	option code	2C6	2R4
			
320i SE, 320d SE, 325i SE, 325d SE		<input type="checkbox"/>	<input type="checkbox"/>
330i SE, 330d SE		<input type="checkbox"/>	<input type="checkbox"/>
335i SE, 335d SE		<input type="checkbox"/>	<input type="checkbox"/>

		M Star-spoke style 193 M	M Double-spoke style 225 M
Wheel size	front/rear	8J x 18 / 8.5J x 18	8J x 19 / 9J x 19
Tyre size	front/rear	225/40 R18 / 255/35 R18	225/35 R19 / 255/30 R19
	option code	2MF	2MP
			
320i M Sport, 320d M Sport		<input checked="" type="checkbox"/>	<input type="checkbox"/>
325i M Sport, 325d M Sport		<input checked="" type="checkbox"/>	<input type="checkbox"/>
330i M Sport, 330d M Sport		<input checked="" type="checkbox"/>	<input type="checkbox"/>
335i M Sport, 335d M Sport		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Key ■ = Standard □ = Optional -- = Not available

Option Name		320i SE	320i M Sport	325i SE	325i M Sport	330i SE	330i M Sport	335i SE	335i M Sport	320d SE	320d M Sport	325d SE	325d M Sport	330d SE	330d M Sport	335d SE	335d M Sport
Transmission	code																
Automatic transmission	205	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	■	■
Wheels and chassis																	
Active steering	217			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
M Sports suspension	704	☐	■	☐	■	☐	■	■	■	☐	■	☐	■	☐	■	■	■
Safety and technology																	
Active Cruise Control (ACC)	541	-	-	☐	☐	☐	☐	☐	☐	-	-	☐	☐	☐	☐	☐	☐
Adaptive headlights	524	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
High-beam assistant (Not with 4NA)	5AC	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Park Distance Control (PDC), front and rear	508	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Rain sensor with automatic headlight activation	521	☐	☐	■	■	■	■	■	■	☐	☐	■	■	■	■	■	■
Seats																	
Lumbar support, driver and front passenger	488	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Seat adjustment – front, electric with driver memory	459	☐	☐	■	■	■	■	■	■	☐	☐	■	■	■	■	■	■
Seat heating, front	494	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Sports seats, front (Not with upholstery LRxx)	481	☐	■	☐	■	☐	■	■	■	☐	■	☐	■	☐	■	■	■
Exterior equipment																	
Comfort Access system	322	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Exterior mirrors, folding (Not with 430)	313	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Exterior mirrors - folding, automatically dimming (Not with 313)	430	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
High-gloss Shadowline exterior trim	760	☐	■	☐	■	☐	■	☐	■	☐	■	☐	■	☐	■	☐	■
Model designation, deletion	320	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Towbar, detachable	3AC	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Interior equipment																	
Armrest, front with sliding adjustment	4AE	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Climate comfort windscreen (Includes option 521, Rain sensor with automatic headlight activation)	358	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Glass sunroof with sliding and tilt function, electric adjustment	403	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Individual Anthracite headlining	775	☐	■	☐	■	☐	■	☐	■	☐	■	☐	■	☐	■	☐	■
Individual sun protection glazing	761	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Rear-view mirror, with digital compass. (Not with 5AC)	4NA	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Ski bag	464	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or'
 ☐ = Optional ■ = Standard - = Not Available

Optional equipment

Option Name

Interior equipment (cont)

	code	320i SE	320i M Sport	325i SE	325i M Sport	330i SE	330i M Sport	335i SE	335i M Sport	320d SE	320d M Sport	325d SE	325d M Sport	330d SE	330d M Sport	335d SE	335d M Sport
Smoker's package, deletion	441	<input type="checkbox"/>															
Storage package	493	<input type="checkbox"/>															
Sunblind - rear windscreen, electric adjustment	415	<input type="checkbox"/>															
Universal remote control	319	<input type="checkbox"/>															

Audio and communication

Bluetooth telephone preparation (Not with 606/609)	644	<input type="checkbox"/>															
Bluetooth telephone preparation with telematics (Only with 612, 616 and 606/609)	633	<input type="checkbox"/>															
BMW ConnectedDrive – Assist (Only with 606/609, 616 and 633)	612	<input type="checkbox"/>															
BMW ConnectedDrive – Online (Only with 606/609, 612 and 633)	616	<input type="checkbox"/>															
BMW Individual audio system (Only available on: M Sport models and SE models with leather upholstery)	752	-	-	<input type="checkbox"/>	-	-	<input type="checkbox"/>										
CD changer for six CDs	672	<input type="checkbox"/>															
DAB digital radio	654	<input type="checkbox"/>															
Hi-Fi loudspeaker system	676	<input type="checkbox"/>															
Hi-Fi loudspeaker system – LOGIC7 Professional	677	<input type="checkbox"/>															
Navigation system – Business (Not with 644)	606	<input type="checkbox"/>															
Navigation system – Professional (Not with 644)	609	<input type="checkbox"/>															
TV function (Only with 609)	601	<input type="checkbox"/>															
USB interface	6FL	<input type="checkbox"/>															
Voice control (In combination with 609 + 633 + Z4F, only with 606/609)	620	<input type="checkbox"/>															

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

= Optional = Standard - = Not Available

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
3 Series Coupé [E92]	320i SE	M	■	■	■	■	■
3 Series Coupé [E92]	320i SE	A			■	■	■
3 Series Coupé [E92]	320i M Sport	M	■	■	■	■	
3 Series Coupé [E92]	320i M Sport	A			■	■	
3 Series Coupé [E92]	325i SE	M		■	■	■	■
3 Series Coupé [E92]	325i SE	A			■	■	■
3 Series Coupé [E92]	325i M Sport	M		■	■	■	
3 Series Coupé [E92]	325i M Sport	A			■	■	
3 Series Coupé [E92]	330i SE	M		■	■	■	■
3 Series Coupé [E92]	330i SE	A			■	■	■
3 Series Coupé [E92]	330i M Sport	M		■	■	■	
3 Series Coupé [E92]	330i M Sport	A			■	■	
3 Series Coupé [E92]	335i SE	M		■		■	
3 Series Coupé [E92]	335i SE	A				■	
3 Series Coupé [E92]	335i M Sport	M		■		■	
3 Series Coupé [E92]	335i M Sport	A				■	

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering

Active Aerodynamics not available in conjunction with option 217 Active steering

Key ■ = Standard

EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
3 Series Coupé [E92]	320d SE	M	■	■	■	■	
3 Series Coupé [E92]	320d SE	A			■	■	
3 Series Coupé [E92]	320d M Sport	M	■	■	■	■	
3 Series Coupé [E92]	320d M Sport	A			■	■	
3 Series Coupé [E92]	325d SE	M		■	■	■	
3 Series Coupé [E92]	325d SE	A			■	■	
3 Series Coupé [E92]	325d M Sport	M		■	■	■	
3 Series Coupé [E92]	325d M Sport	A			■	■	
3 Series Coupé [E92]	330d SE	M		■	■	■	
3 Series Coupé [E92]	330d SE	A			■	■	
3 Series Coupé [E92]	330d M Sport	M		■	■	■	
3 Series Coupé [E92]	330d M Sport	A			■	■	
3 Series Coupé [E92]	335d SE	A				■	
3 Series Coupé [E92]	335d M Sport	A				■	

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering

Active Aerodynamics not available in conjunction with option 217 Active steering

Key

■ = Standard

3 Series Convertible E93

The fourth-generation of 3 Series Convertible went on sale in the UK in March 2007. Enhanced design, exclusivity and performance, and the introduction of a new Retractable Hard-Top justify the higher positioning in the market over the outgoing model and strengthen its position within the premium convertible segment.

Engines and performance

- Available in 320i, 325i, 330i, 335i, new 320d, 325d and 330d variants.
- 335i models feature the 3.0-litre six-cylinder in-line engine with high-precision direct injection and twin turbo technology.
- Boasts increased performance with a decrease in fuel consumption and CO₂ emissions across the entire 3 Series Convertible range.

Design and styling

- **Three-piece Retractable Hard-Top (RHT)** which can be stowed or raised in 22 seconds, opened remotely from a distance of up to eight meters, and includes a water management system that prevents rain water from collecting on the roof and entering the car when the RHT is opened.
- **Use of lightweight materials in the body construction** such as plastic front side panels contribute to the low centre of gravity and near perfect 50:50 weight distribution.
- **An exclusive environment for all four passengers.** The continuous centre console extends all the way to the rear compartment, separating the two ergonomically designed rear seats and providing handy storage options.

Equipment and technology

- **Xenon headlights** with corona rings and daytime running lights as standard.
- **17" light alloys wheels with Run-flat tyres** as standard
- **Enhanced optional equipment including:** through-load facility with integrated transport bag; wind deflector; USB interface; Active Cruise Control (ACC); Comfort Access and leather upholstery with SunReflective Technology.

Safety

- **A high degree of body rigidity.** The 3 Series Convertible has been engineered to provide a level of safety comparable to that of a fixed-roof body style.
- **Improved visibility.** Enlarged rear windscreen and side windows increase visibility by a full 38 per cent over the E46 Convertible.
- **Anti-roll bars** are integrated behind the rear head restraints, extending automatically within a fraction of a second in the event of an accident.
- **Head/thorax airbags** protect the chest and head area from side impacts.
- **Seat-integrated seatbelt system** ensures optimum belt geometry, independent of the seat position.



Competitors

Primary competitors

Mercedes-Benz CLK-Class Cabriolet
Audi A4 Cabriolet

Secondary competitors

Volvo C70, Saab 9-3 Convertible.

Competitor Comparison	BMW 320d SE	Audi A4 Cabriolet 2.0 TDi	Volvo C70 2.0D	Saab 9.3 Convertible 1.9 TiD
Power output (hp)	177	140	136	150
0-62mph (seconds)	8.6	9.7	11.0	10.0
Top speed (mph)	139	131	127	124
Combined fuel consumption (mpg)	53.3	44.1	46.3	44.8
VED Band	C	E	D	E
CO ₂ (g/km)	140	172	161	169

Data Source: Competitor websites

■ = Best value in class.

Did you know?

Competition in the medium-class convertible segment is strong. However the 3 Series Convertible offers an unrivalled blend of performance and fuel efficiency, as well as a Retractable Hard-Top bringing a level of all-season usability unmatched by either primary competitors.

Technical specifications

Engine	320i SE	320i M Sport	325i SE	325i M Sport
Engine	4 cylinder 16 valve	4 cylinder 16 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	1995	1995	2996	2996
Power output (kW/hp)	125/170	125/170	160/218	160/218
Torque (Nm/rpm)	210/4250	210/4250	270/2400	270/2400
Dimensions				
Length (mm)	4580	4580	4580	4580
Width (mm)	1782	1782	1782	1782
Fuel tank capacity (litres)	63	63	63	63
Boot capacity (VDA method) (litres)	210-350	210-350	210-350	210-350
Wheels				
Wheels	Light alloy style 157 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18	Light alloy style 157 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18
Tyres (Run-flat)	225/45 R17	front 225/40 R18 rear 255/35 R18	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	720	720	750	750
Permitted trailer load braked (kg) on max 12% gradient	1400 (1500)	1400 (1500)	1600	1600
Performance				
0-62 mph (sec)	9.1 (9.8)	9.1 (9.8)	7.6 (8.1)	7.6 (8.1)
Maximum speed (mph)	142 (140)	142 (140)	152 (151)	152 (151)
Fuel consumption				
Urban (mpg / litres/100 km)	31.4/9.0 (30.1/9.4)	31.4/9.0 (30.1/9.4)	27.2/10.4 (26.6/10.6)	27.2/10.4 (26.6/10.6)
Extra-urban (mpg / litres/100 km)	54.3/5.2 (52.3/5.4)	54.3/5.2 (52.3/5.4)	47.9/5.9 (46.3/6.1)	47.9/5.9 (46.3/6.1)
Combined (mpg / litres/100 km)	42.8/6.6 (40.9/6.9)	42.8/6.6 (40.9/6.9)	37.2/7.6 (36.2/7.8)	37.2/7.6 (36.2/7.8)
CO ₂ emissions (g/km)	157 (165)	157 (165)	181 (187)	181 (187)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	16	16	17	17

Key () = Figures in brackets apply to cars with automatic transmission

Engine	330i SE	330i M Sport	335i SE	335i M Sport
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2996	2996	2979	2979
Power output (kW/hp)	200/272	200/272	225/306	225/306
Torque (Nm/rpm)	320/2750	320/2750	400/1300	400/1300
Dimensions				
Length (mm)	4580	4580	4580	4580
Width (mm)	1782	1782	1782	1782
Fuel tank capacity (litres)	63	63	63	63
Boot capacity (VDA method) (litres)	210-350	210-350	210-350	210-350
Wheels				
Wheels	Light alloy style 185 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18	Light alloy style 188 front 8 J x 17 rear 8.5 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18
Tyres (Run-flat)	225/45 R17	front 225/40 R18 rear 255/35 R18	front 225/45 R17 rear 255/40 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on max 12% gradient	1700	1700	1700	1700
Performance				
0-62 mph (sec)	6.5 (6.7)	6.5 (6.7)	5.8 (6.0)	5.8 (6.0)
Maximum speed (mph)	155* (155*)	155* (155*)	155* (155*)	155* (155*)
Fuel consumption				
Urban (mpg / litres/100 km)	26.9/10.5 (26.6/10.6)	26.9/10.5 (26.6/10.6)	20.8/13.6 (21.1/13.4)	20.8/13.6 (21.1/13.4)
Extra-urban (mpg / litres/100 km)	47.1/6.0 (46.3/6.1)	47.1/6.0 (46.3/6.1)	39.8/7.1 (39.2/7.2)	39.8/7.1 (39.2/7.2)
Combined (mpg / litres/100 km)	36.7/7.7 (36.2/7.8)	36.7/7.7 (36.2/7.8)	29.7/9.5 (29.7/9.5)	29.7/9.5 (29.7/9.5)
CO ₂ emissions (g/km)	185 (187)	185 (187)	226 (226)	226 (226)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	18	18	19	19

Key

() = Figures in brackets apply to cars with automatic transmission

* = Electronically limited

Technical specifications

Engine	320d SE	320d M Sport	325d SE	325d M Sport
Engine	4 cylinder 16 valve	4 cylinder 16 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	1995	1995	2993	2993
Power output (kW/hp)	130/177	130/177	145/197	145/197
Torque (Nm/rpm)	350/1750	350/1750	400/1300	400/1300
Dimensions				
Length (mm)	4580	4580	4580	4580
Width (mm)	1782	1782	1782	1782
Fuel tank capacity (litres)	61	61	61	61
Boot capacity (VDA method) (litres)	210-350	210-350	210-350	210-350
Wheels				
Wheels	Light alloy style 157 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18	Light alloy style 157 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18
Tyres (Run-flat)	225/45 R17	front 225/40 R18 rear 255/35 R18	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing				
Permitted trailer load unbraked (kg)	745	745	750	750
Permitted trailer load braked (kg) on max 12% gradient	1600 (1800)	1600 (1800)	1800	1800
Performance				
0-62 mph (sec)	8.6 (8.7)	8.6 (8.7)	7.9 (8.0)	7.9 (8.0)
Maximum speed (mph)	139 (139)	139 (139)	146 (145)	146 (145)
Fuel consumption				
Urban (mpg / litres/100 km)	40.9/6.9 (37.7/7.5)	40.9/6.9 (37.7/7.5)	34.9/8.1 (32.8/8.6)	34.9/8.1 (32.8/8.6)
Extra-urban (mpg / litres/100 km)	65.7/4.3 (58.9/4.8)	65.7/4.3 (58.9/4.8)	55.4/5.1 (50.4/5.6)	55.4/5.1 (50.4/5.6)
Combined (mpg / litres/100 km)	53.3/5.3 (48.7/5.8)	53.3/5.3 (48.7/5.8)	45.6/6.2 (42.2/6.7)	45.6/6.2 (42.2/6.7)
CO ₂ emissions (g/km)	140 (153)	140 (153)	164 (176)	164 (176)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	16	16	17	17

Key () = Figures in brackets apply to cars with automatic transmission

	330d SE	330d M Sport
Engine		
Engine	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993
Power output (kW/hp)	170/231	170/231
Torque (Nm/rpm)	500/1750	500/1750
Dimensions		
Length (mm)	4580	4580
Width (mm)	1782	1782
Fuel tank capacity (litres)	61	61
Boot capacity (VDA method) (litres)	210-350	210-350
Wheels		
Wheels	Light alloy style 185 8 J x 17	Light alloy style 193 M front 8 J x 18 rear 8.5 J x 18
Tyres (Run-flat)	225/45 R17	front 225/40 R18 rear 255/35 R18
Towing		
Permitted trailer load unbraked (kg)	750	750
Permitted trailer load braked (kg) on max 12% gradient	1800	1800
Performance		
0-62 mph (sec)	7.0 (7.1)	7.0 (7.1)
Maximum speed (mph)	152 (151)	152 (151)
Fuel consumption		
Urban (mpg / litres/100 km)	32.8/8.6 (30.4/9.3)	32.8/8.6 (30.4/9.3)
Extra-urban (mpg / litres/100 km)	53.3/5.3 (51.4/5.5)	53.3/5.3 (51.4/5.5)
Combined (mpg / litres/100 km)	43.5/6.5 (40.9/6.9)	43.5/6.5 (40.9/6.9)
CO ₂ emissions (g/km)	170 (181)	170 (181)
Emissions management	EU4	EU4
Insurance		
ABI Insurance group rating	18	18

Key () = Figures in brackets apply to cars with automatic transmission

Standard equipment

320i SE

Engine

BMW EfficientDynamics Intelligent Energy Management system comprising:

- Auto Start-Stop (MSA) – 320i/d manual transmission only
- Brake Energy Regeneration (iGR)
- Intelligent Alternator Control (IAC)
- Optimum Shift Indicator (SPA) – manual transmission only

Catalytic converter

EU4 emissions management

Four-cylinder in-line petrol engine with high-precision direct injection

Transmission

Six-speed manual transmission

Wheels and chassis

- 17" light alloy Star-spoke style 157 with 225/45 R17 tyres
- Aluminium front and five-link rear suspension
- Disc brakes, front and rear, inner vented
- Electric Power Steering (EPS) with Servotronic

Safety and technology

Airbags:

- Airbags – driver and front passenger
- Side airbags – driver and front passenger with combined head airbag
- Passenger seat occupancy sensor, front

Alarm system (Thatcham 1) with remote control and engine immobiliser

Brake Force Display

Check control warning system

Cruise control

Daytime running lights

Dynamic Stability Control (DSC) comprising:

- Anti-lock Braking System (ABS)
- Automatic Stability Control (ASC)
- Cornering Brake Control (CBC)
- Dynamic Brake Control (DBC)
- Dynamic Traction Control (DTC)
- Electronic Brake-force Distribution (EBD)
- Engine Drag Torque Control (MSR)

First Aid kit and warning triangle

Foglights, front and rear

Follow-me-home headlight function

Headlight wash

Safety and technology (cont)

Head restraints – front and rear

Park Distance Control (PDC), rear

Run-flat tyres with Tyre Puncture Warning System (TPWS)

Seat belt system – front with belt latch tensioner with belt force limiter

Seat belt system – rear with two three point locking inertia-reel belts

Third brake light, integrated in luggage-compartment lid

Visible VIN

Windscreen washer jets, heated

Windscreen wipers with adjustable intermittent intervals

Xenon headlights for low and high beam

Seats

Child seat ISOFIX attachments, front and rear

Fluid cloth upholstery

Four seats

Rear seat easy access system

Seat adjustment – front, electric with driver memory

Seat backrests - rear, foldable, for level storage area

Exterior equipment

Air scoop with grille in front bumper, black

Door handles – bow-type, body-coloured

Exhaust tailpipe – single, chrome

Exterior mirrors – heated, electric adjustment, in body colour

Indicator lenses, clear

Kidney grille, chrome with black vertical slats

Luggage compartment loading function

Matt chrome Pearl Grey exterior trim

Retractable Hard-Top (RHT)

Interior equipment

Air conditioning, automatic

Armrest – front, with storage compartment

Cup holders, front

Door sill finishers with BMW designation

Electric windows – front and rear, with open/close fingertip control

320i SE (cont)

Interior equipment (cont)

Extended lighting comprising:

- Ambient interior lighting - light band in door and side trim
- Door handle illumination
- Exit lighting
- Footwell lights, front and rear
- Interior lights, front with soft on/off
- Reading lights, front

Floor mats

Multi-function controls for steering wheel

Rear-view mirror, automatically dimming

Smoker's package – front ashtray with lighter, rear ashtray in centre console

Start/Stop button

Steering column with manual reach and rake adjustment

Storage facilities:

- Storage area separating luggage compartment and cabin
- Storage compartment in door panels, folding
- Storage compartment next to steering column with lid
- Storage compartment with cover in rear centre console
- Storage nets on seat backrests

Sun visors with illuminated vanity mirrors

Three-spoke Sport leather steering wheel with decorative inserts in matt chrome Pearl Grey

Titanium light interior trim

Toolkit located in luggage compartment

Windscreen with grey shade band

Audio and communication

Auxiliary input point for auxiliary playing devices (e.g. MP3 player)

BMW Professional radio with single CD player (with MP3 playback capability)

Loudspeaker system

On-Board Computer (OBC) comprising:

- Average fuel consumption and range
- Average speed
- On-board diagnosis (OBD)
- Outside temperature display
- Time/date
- Range

Personal Profile via remote key

Preparation for six CD changer

320d SE

Equipment in addition or replacement to 320i SE

Diesel Particulate Filter (DPF)

Four-cylinder in-line diesel engine with common-rail injection

Incorrect fuelling protection system

Turbocharger

325i SE

Equipment in addition or replacement to 320i SE

Cruise control with brake function

Dynamic Stability Control Plus (DSC+) comprising:

- Brake Drying
- Brake fade compensation
- Brake pre-tensioning
- Hill-start assistant
- Soft stop

Exhaust tailpipes - twin, chrome

Kidney grille, chrome with chrome vertical slats

Oil temperature display

Rain sensor with automatic headlight activation

Six-cylinder in-line petrol engine with high-precision direct injection

Standard equipment

325d SE

Equipment in addition or replacement to 320d SE

Cruise control with brake function
 Dynamic Stability Control Plus (DSC+) comprising:
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Hill-start assistant
 Soft stop
 Exhaust tailpipes – twin, chrome
 Kidney grille, chrome with chrome vertical slats
 Rain sensor with automatic headlight activation
 Six-cylinder in-line diesel engine with common-rail injection

330i/d SE

Equipment in addition or replacement to 325i/d SE

17" light alloy Star-spoke style 185 with 225/45 R17 tyres
 Metallic paintwork

335i SE

Equipment in addition or replacement to 330i SE

17" light alloy V-spoke style 188 with 225/45 R17 front, 255/40 R17 rear tyres
 Air scoop with grille in front bumper, grey (black in combination with optional Active Cruise Control)
 Exhaust tailpipes – single, left and right, chrome
 Power assisted steering, hydraulic
 Twin turbo

M Sport models

Equipment in addition or replacement to SE models

18" light alloy Star-spoke style 193 M with 225/40 R18 front, 255/35 R18 rear tyres
 Aluminium Glacier Silver interior trim
 Blue Shadow cloth/Alcantara upholstery
 Door sill finishers with M designation
 High-gloss Shadowline exterior trim
 M Aerodynamic package
 M Sport suspension
 Shortened gearshift
 Sport seats
 Three-spoke M multi-function leather steering wheel.

		Star-spoke style 157	Star-spoke style 185
Wheel size	front/rear	8 J x 17	8 J x 17
Tyre size	front/rear	225/45 R17	225/45 R17
	option code	n/a	2C5
			
	320i/d SE, 325i/d	■	□
	330i/d SE	-	■
	335i SE	-	-

		Radial-spoke style 187	V-spoke style 188
Wheel size	front/rear	8 J x 17	8 J x 17 / 8.5 J x 17
Tyre size	front/rear	225/45 R17	225/45 R17 / 255/40 R17
	option code	2HC	2KE
			
	320i/d SE, 325i/d	□	□
	330i/d SE	□	□
	335i SE	-	■

Key

■ = Standard

□ = Optional

-- = Not Available

Wheels and tyres

		Star-spoke style 189	Star-spoke style 230
Wheel size	front/rear	8 J x 18 / 8.5 J x 18	8 J x 19 / 9 J x 19
Tyre size	front/rear	225/40 R18 / 255/35 R18	225/35 R19 / 255/30 R19
	option code	2C6	2R4
			
	320i/d SE, 325i/d	<input type="checkbox"/>	<input type="checkbox"/>
	330i/d SE	<input type="checkbox"/>	<input type="checkbox"/>
	335i SE	<input type="checkbox"/>	<input type="checkbox"/>

		M Star-spoke style 193 M	M Double-spoke style 225 M
Wheel size	front/rear	8 J x 18 / 8.5 J x 18	8 J x 19 / 9 J x 19
Tyre size	front/rear	225/40 R18 / 255/35 R18	225/35 R19 / 255/30 R19
	option code	2MF	2MP
			
	320i/d M Sport 325i/d M Sport	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	330i/d M Sport	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	335i/d M Sport	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Key

■ = Standard

□ = Optional

- = Not Available

Option Name															
	code	320i SE	320i M Sport	325i SE	325i M Sport	330i SE	330i M Sport	335i SE	335i M Sport	320d SE	320d M Sport	325d SE	325d M Sport	330d SE	330d M Sport
Transmission															
Automatic transmission	205	<input type="checkbox"/>	<input type="checkbox"/>												
Wheels and chassis															
Active steering	217	-	-	<input type="checkbox"/>	<input type="checkbox"/>										
M Sports suspension	704	<input type="checkbox"/>	<input checked="" type="checkbox"/>												
Safety and technology															
Active Cruise Control (ACC)	541	-	-	<input type="checkbox"/>	<input type="checkbox"/>										
Adaptive headlights	524	<input type="checkbox"/>	<input type="checkbox"/>												
High-beam assistant (Not with 4NA)	5AC	<input type="checkbox"/>	<input type="checkbox"/>												
Park Distance Control (PDC), front and rear	508	<input type="checkbox"/>	<input type="checkbox"/>												
Seats															
Lumbar support, driver and front passenger	488	<input type="checkbox"/>	<input type="checkbox"/>												
Seat heating, front	494	<input type="checkbox"/>	<input type="checkbox"/>												
Sports seats, front (Not with LRxx)	481	<input type="checkbox"/>	<input checked="" type="checkbox"/>												
Exterior equipment															
Comfort Access system	322	<input type="checkbox"/>	<input type="checkbox"/>												
Exterior mirrors, folding (Not with 430)	313	<input type="checkbox"/>	<input type="checkbox"/>												
Exterior mirrors – folding, automatically dimming (Not with 313)	430	<input type="checkbox"/>	<input type="checkbox"/>												
High-gloss Shadowline exterior trim	760	<input type="checkbox"/>	<input checked="" type="checkbox"/>												
Model designation, deletion	320	<input type="checkbox"/>	<input type="checkbox"/>												
Towbar, detachable	3AC	<input type="checkbox"/>	<input type="checkbox"/>												
Wind deflector	387	<input type="checkbox"/>	<input type="checkbox"/>												

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or'
 = Optional = Standard - = Not Available

Optional equipment

Option Name		320i SE	320i M Sport	325i SE	325i M Sport	330i SE	330i M Sport	335i SE	335i M Sport	320d SE	320d M Sport	325d SE	325d M Sport	330d SE	330d M Sport	
Interior equipment																
Armrest – front with sliding adjustment	4AE	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Climate comfort windscreen	358	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Rain sensor with automatic headlight activation	521	☐	☐	■	■	■	■	■	■	☐	☐	■	■	■	■	■
Rear-view mirror, with digital compass (Not with 5AC)	4NA	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Smoker's package, deletion	441	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Storage package	493	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Through-load with integrated transport bag	4UT	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Universal remote control	319	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Audio and communication																
Bluetooth telephone preparation (Not with 606/609/612/616)	644	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Bluetooth telephone preparation with telematics (Only with 612, 616 and 606/609)	633	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
BMW ConnectedDrive – Assist (Only with 606/609, 616 and 633)	612	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
BMW ConnectedDrive – Online (Only with 606/609, 612 and 633)	616	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
BMW Individual Audio system (Only on M Sport models, or SE models with leather upholstery)	752	-	-	☐	☐	☐	☐	☐	☐	-	-	☐	☐	☐	☐	☐
CD changer for six CDs	672	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
DAB digital radio	654	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hi-Fi loudspeaker system	676	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hi-Fi loudspeaker system – LOGIC7 Professional	677	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Navigation system – Business (Not with 644)	606	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Navigation system – Professional (Not with 644)	609	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
TV function (Only with 609)	601	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
USB interface	6FL	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Voice control (In combination with 606/609 + 633 + Z4F, only with 606/609)	620	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

☐ = Optional ■ = Standard - = Not Available

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
3 Series Convertible [E93]	320i SE	M	■	■	■	■	■
3 Series Convertible [E93]	320i SE	A			■	■	■
3 Series Convertible [E93]	320i M Sport	M	■	■	■	■	
3 Series Convertible [E93]	320i M Sport	A			■	■	
3 Series Convertible [E93]	325i SE	M		■	■	■	■
3 Series Convertible [E93]	325i SE	A			■	■	■
3 Series Convertible [E93]	325i M Sport	M		■	■	■	
3 Series Convertible [E93]	325i M Sport	A			■	■	
3 Series Convertible [E93]	330i SE	M		■	■	■	■
3 Series Convertible [E93]	330i SE	A			■	■	■
3 Series Convertible [E93]	330i M Sport	M		■	■	■	
3 Series Convertible [E93]	330i M Sport	A			■	■	
3 Series Convertible [E93]	335i SE	M		■		■	
3 Series Convertible [E93]	335i SE	A				■	
3 Series Convertible [E93]	335i M Sport	M		■		■	

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering
Active Aerodynamics not available in conjunction with option 217 Active steering

Key ■ = Standard

EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
3 Series Convertible [E93]	320d SE	M	■	■	■	■	
3 Series Convertible [E93]	320d SE	A			■	■	
3 Series Convertible [E93]	320d M Sport	M	■	■	■	■	
3 Series Convertible [E93]	320d M Sport	A			■	■	
3 Series Convertible [E93]	325d SE	M		■	■	■	
3 Series Convertible [E93]	325d SE	A			■	■	
3 Series Convertible [E93]	325d M Sport	M		■	■	■	
3 Series Convertible [E93]	325d M Sport	A			■	■	
3 Series Convertible [E93]	330d SE	M		■	■	■	
3 Series Convertible [E93]	330d SE	A			■	■	
3 Series Convertible [E93]	330d M Sport	M		■	■	■	
3 Series Convertible [E93]	330d M Sport	A			■	■	

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering
 Active Aerodynamics not available in conjunction with option 217 Active steering

Key ■ = Standard

5 Series Saloon/Touring E60/61

Renowned for best in class agility, performance and driving dynamics, the BMW 5 Series has achieved worldwide sales success. Now in its fifth-generation and following a "lifecycle impulse" in March 2007, it continues to be benchmarked as one of the world's best executive cars.

Performance and economy

- **Best-in-class driving dynamics** thanks to superior engine technology including the most advanced six-cylinder in-line petrol engines with high-precision direct injection.
- **Class leading economy and emissions figures** achieved through the use of EfficientDynamics technologies.
- **Best-in-class handling and driving pleasure** thanks to intelligent lightweight engineering resulting in the lowest weight in its class, near perfect 50:50 weight distribution, rear-wheel drive and excellent steering precision.

Design and styling

- **Unique sporty character** accentuated by key external design features and styling contours which emphasise the muscular yet elegant stance of the car together with the use of intelligent LED light technology to optically enhance the overall design appeal from both the front and rear.
- **Luxurious, user-defined interior** with ergonomically designed features using high-quality materials. The interior space is functional, luxurious and underlines the concept of operational comfort.
- **One of the most spacious Executive cars on the market.** The rear passenger area in both the Saloon and Touring models offer exceptional comfort and luxury.
- **Panoramic glass sunroof** provides a generous feeling of space and light in the interior. Optional for the BMW 5 Series Touring, the only car in this segment to offer such a feature.

Technology

- **Unrivalled list of optional innovative technologies** such as Sport automatic transmission, Active steering, Active Cruise Control with 'stop and go' function, BMW Night Vision, High-beam assistant, Head-up Display and Adaptive headlights.
- **Lane departure warning system**, a unique in segment offering which is standard on 535d and 550i models. An assistance system providing an alert to the driver in the form of a steering wheel vibration should the vehicle unintentionally deviate from the lane of intended travel.

Did you know?

Winner of *What Car?* 'Executive Car of the Year' 2003-2007 and Winner of *Auto Express* 'Best Executive Car' 2004-2007.

The BMW 5 Series is the most popular premium car in the world. A leader in performance and economy, with exemplary comfort, a sporty yet elegant design, and high active and passive safety.



Competitors (Saloon)

Primary competitors

Mercedes-Benz E-Class Saloon
Jaguar XF*
Audi A6 Saloon

Secondary competitors

Volvo S80, Lexus GS 300
Peugot 607

Competitor Comparison	BMW 520d SE	Audi A6 2.0TDI
Power output (hp)	177	140
0-62mph (seconds)	8.3	10.3
Top speed (mph)	144	130
Combined fuel consumption (mpg)	55.4	46.3
VED Band	C	D
CO ₂ (g/km)	136	160

** Electronically Limited
Data Source: Competitor websites

(Touring)

Primary competitors

Mercedes-Benz E-Class Estate
Audi A6 Avant

Secondary competitors

Volvo V70 Estate, Saab 9-5

Competitor Comparison	BMW 530i SE (auto)	Audi A6 Avant SE 2.8 FSI (auto)
Power output (hp)	272	210
0-62mph (seconds)	6.8	8.2
Top speed (mph)	155**	145
Combined fuel consumption (mpg)	36.7	32.1
VED Band	E	F
CO ₂ (g/km)	184	209

■ = Best value in class.

* = Winner of *What Car?* 'Executive Car of the Year' 2008 - Launched March 2008

Technical specifications

	523i SE Saloon	523i M Sport Saloon	525i SE Saloon	525i M Sport Saloon
Engine				
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2497	2497	2996	2996
Torque (Nm/rpm)	240/3500	240/3500	270/2400	270/2400
Power output (kW/hp)	140/190	140/190	160/218	160/218
Dimensions				
Length (mm)	4841	4841	4841	4841
Height (mm)	1468	1468	1468	1468
Width* (mm)	1846 [2030]	1846 [2030]	1846 [2030]	1846 [2030]
Fuel tank capacity (litres)	70	70	70	70
Boot capacity (VDA method) (litres)	520	520	520	520
Wheels				
Wheels	Light alloy style 243 7.5 J x 17	Light alloy style 135M 8 J x 18	Light alloy style 243 7.5 J x 17	Light alloy style 135M 8 J x 18
Tyres (Run-flat)	225/50 R17	245/40 R18	225/50 R17	245/40 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked on maximum gradient 12%	1600 (1800)	1600 (1800)	1800 (2000)	1800 (2000)
Performance				
0-62 mph (sec)	8.2 (8.7)	8.2 (8.7)	7.1 (7.7)	7.1 (7.7)
Maximum speed (mph)	147 (147)	147 (147)	154 (153)	154 (153)
Fuel consumption				
Urban (mpg / litres/100 km)	28.0/10.1 (27.4/10.3)	28.0/10.1 (27.4/10.3)	27.4/10.3 (27.2/10.4)	27.4/10.3 (27.2/10.4)
Extra-urban (mpg / litres/100 km)	49.6/5.7 (47.9/5.9)	49.6/5.7 (47.9/5.9)	49.6/5.7 (48.7/5.8)	49.6/5.7 (48.7/5.8)
Combined (mpg / litres/100 km)	38.7/7.3 (37.7/7.5)	38.7/7.3 (37.7/7.5)	38.2/7.4 (37.7/7.5)	38.2/7.4 (37.7/7.5)
CO ₂ emissions (g/km)	174 (178)	174 (178)	176 (178)	176 (178)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	17	17
Key				
	() = Figures in brackets apply to cars with automatic transmission			
	* = Figures in [brackets] include mirrors			

	530i SE Saloon	530i M Sport Saloon
Engine		
Engine	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2996	2996
Torque (Nm/rpm)	320/2750	320/2750
Power output (kW/hp)	200/272	200/272
Dimensions		
Length (mm)	4841	4841
Height (mm)	1468	1468
Width* (mm)	1846 [2030]	1846 [2030]
Fuel tank capacity (litres)	70	70
Boot capacity (VDA method) (litres)	520	520
Wheels		
Wheels	Light alloy style 244 7.5 J x 17	Light alloy style 135M 8 J x 18
Tyres (Run-flat)	225/50 R17	245/40 R18
Towing		
Permitted trailer load unbraked (kg)	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	2000 (2000)	2000 (2000)
Performance		
0-62 mph (sec)	6.3 (6.5)	6.3 (6.5)
Maximum speed (mph)	155**	155**
Fuel consumption		
Urban (mpg / litres/100 km)	25.9/10.9 (26.2/10.8)	25.9/10.9 (26.2/10.8)
Extra-urban (mpg / litres/100 km)	48.7/5.8 (50.4/5.6)	48.7/5.8 (50.4/5.6)
Combined (mpg / litres/100 km)	36.7/7.7 (37.7/7.5)	36.7/7.7 (37.7/7.5)
CO ₂ emissions (g/km)	182 (178)	182 (178)
Emissions management	EU4	EU4
Insurance		
ABI Insurance group rating	18	18

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

** = Electronically limited

Technical specifications

	540i SE Saloon	540i M Sport Saloon	550i SE Saloon	550i M Sport Saloon
Engine				
Engine	8 cylinder 32 valve	8 cylinder 32 valve	8 cylinder 32 valve	8 cylinder 32 valve
Capacity (cc)	4000	4000	4799	4799
Torque (Nm/rpm)	390/3500	390/3500	490/3400	490/3400
Power output (kW/hp)	225/306	225/306	270/367	270/367
Dimensions				
Length (mm)	4841	4841	4841	4841
Height (mm)	1468	1468	1468	1468
Width* (mm)	1846 [2030]	1846 [2030]	1846 [2030]	1846 [2030]
Fuel tank capacity (litres)	70	70	70	70
Boot capacity (VDA method) (litres)	520	520	520	520
Wheels				
Wheels	Light alloy style 244 7.5 J x 17	Light alloy style 135M 8 J x 18	Light alloy style 244 7.5 J x 17	Light alloy style 135M 8 J x 18
Tyres (Run-flat)	225/50 R17	245/40 R18	225/50 R17	245/40 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	2000 (2000)	2000 (2000)	2000 (2000)	2000 (2000)
Performance				
0-62 mph (sec)	6.1 (6.2)	6.1 (6.2)	5.2 (5.3)	5.2 (5.3)
Maximum speed (mph)	155**	155**	155**	155**
Fuel consumption				
Urban (mpg / litres/100 km)	17.9/15.8 (19.6/14.4)	17.9/15.8 (19.6/14.4)	17.0/16.6 (18.2/15.5)	17.0/16.6 (18.2/15.5)
Extra-urban (mpg / litres/100 km)	38.2/7.4 (40.9/6.9)	38.2/7.4 (40.9/6.9)	37.2/7.6 (39.2/7.2)	37.2/7.6 (39.2/7.2)
Combined (mpg / litres/100 km)	26.9/10.5 (29.1/9.7)	26.9/10.5 (29.1/9.7)	25.9/10.9 (27.4/10.3)	25.9/10.9 (27.4/10.3)
CO ₂ emissions (g/km)	250 (232)	250 (232)	260 (246)	260 (246)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	18	19	20	20
Key				
	() = Figures in brackets apply to cars with automatic transmission			
	* = Figures in [brackets] include mirrors			
	** = Electronically limited			

	520d SE Saloon	520d M Sport Saloon	525d SE Saloon	525d M Sport Saloon
Engine				
Engine	4 cylinder 16 valve	4 cylinder 16 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	1995	1995	2993	2993
Torque (Nm/rpm)	350/1750	350/1750	400/1300	400/1300
Power output (kW/hp)	130/177	130/177	145/197	145/197
Dimensions				
Length (mm)	4841	4841	4841	4841
Height (mm)	1468	1468	1468	1468
Width* (mm)	1846 [2030]	1846 [2030]	1846 [2030]	1846 [2030]
Fuel tank capacity (litres)	70	70	70	70
Boot capacity (VDA method) (litres)	520	520	520	520
Wheels				
Wheels	Light alloy style 243 7.5 J x 17	Light alloy style 135M 8 J x 18	Light alloy style 243 7.5 J x 17	Light alloy style 135M 8 J x 18
Tyres (Run-flat)	225/50 R17	245/40 R18	225/50 R17	245/40 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	1800 (1800)	1800 (1800)	2000 (2000)	2000 (2000)
Performance				
0-62 mph (sec)	8.3 (8.4)	8.3 (8.4)	7.6 (7.7)	7.6 (7.7)
Maximum speed (mph)	144 (142)	144 (142)	147 (146)	147 (146)
Fuel consumption				
Urban (mpg / litres/100 km)	43.5/6.5 (37.7/7.5)	43.5/6.5 (37.7/7.5)	34.4/8.2 (33.2/8.5)	34.4/8.2 (33.2/8.5)
Extra-urban (mpg / litres/100 km)	65.7/4.3 (61.4/4.6)	65.7/4.3 (61.4/4.6)	56.5/5.0 (53.3/5.3)	56.5/5.0 (53.3/5.3)
Combined (mpg / litres/100 km)	55.4/5.1 (50.4/5.6)	55.4/5.1 (50.4/5.6)	45.6/6.2 (43.5/6.5)	45.6/6.2 (43.5/6.5)
CO ₂ emissions (g/km)	136 (149)	136 (149)	165 (172)	165 (172)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	15	16	16	17

Key () = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

Technical specifications

	530d SE Saloon	530d M Sport Saloon	535d SE Saloon	535d M Sport Saloon
Engine				
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993	2993	2993
Torque (Nm/rpm)	500/1750	500/1750	580/1750	580/1750
Power output (kW/hp)	173/235	173/235	210/286	210/286
Dimensions				
Length (mm)	4841	4841	4841	4841
Height (mm)	1468	1468	1468	1468
Width* (mm)	1846 [2030]	1846 [2030]	1846 [2030]	1846 [2030]
Fuel tank capacity (litres)	70	70	70	70
Boot capacity (VDA method) (litres)	520	520	520	520
Wheels				
Wheels	Light alloy style 244 7.5 J x 17	Light alloy style 135M 8 J x 18	Light alloy style 244 7.5 J x 17	Light alloy style 135M 8 J x 18
Tyres (Run-flat)	225/50 R17	245/40 R18	225/50 R17	245/40 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	2000 (2000)	2000 (2000)	(2000)	(2000)
Performance				
0-62 mph (sec)	6.8 (6.8)	6.8 (6.8)	(6.4)	(6.4)
Maximum speed (mph)	155** (154)	155** (154)	(155**)	(155**)
Fuel consumption				
Urban (mpg / litres/100 km)	32.8/8.6 (31.0/9.1)	32.8/8.6 (31.0/9.1)	(31.4/9.0)	(31.4/9.0)
Extra-urban (mpg / litres/100 km)	55.4/5.1 (54.3/5.2)	55.4/5.1 (54.3/5.2)	(52.3/5.4)	(52.3/5.4)
Combined (mpg / litres/100 km)	44.1/6.4 (42.8/6.6)	44.1/6.4 (42.8/6.6)	(42.2/6.7)	(42.2/6.7)
CO ₂ emissions (g/km)	170 (176)	170 (176)	(178)	(178)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	18	18	18
Key				
	() = Figures in brackets apply to cars with automatic transmission			
	* = Figures in [brackets] include mirrors			
	** = Electronically limited			

520d SE

Engine

Catalytic converter
 Common-rail injection system
 Diesel Particulate Filter (DPF)
 Digital Diesel Electronics (DDE)
 Engine mounts, hydraulically controlled
 EU4 emissions management
 Four-cylinder in-line diesel engine with four-valve technology
 Turbocharger with variable turbine geometry

Transmission

Six-speed manual transmission

Wheels and chassis

17" light alloy Star-spoke style 243 with 225/50 R17 Run-flat tyres
 Aluminium brake callipers at the front and rear
 Aluminium integral rear axle
 Disc brakes at the front and rear, inner-vented
 Double-joint spring-strut aluminium front axle
 Run-flat tyres
 Servotronic power steering

Safety and technology

Airbag features:

Advanced Head Protection System (AHPS), front and rear
 Airbags, driver and front passenger
 Airbags, driver and front passenger side
 Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting
 Impact-Depending Airbag System (ID airbags), driver and front passenger
 Passenger seat occupancy sensor, front
 Alarm system (Thatcham 1) with remote control and engine immobiliser
 Anti-whiplash head restraints, front
 Brake Force Display
 Check control warning system
 Child locking system, rear doors
 Condition Based Servicing (CBS)
 Cruise control with brake function
 Deformation zones front and rear, that can absorb impacts of up to 9.5 mph.
 Bumpers absorb impacts up to 2.5 mph without damage
 Dynamic Stability Control (DSC+) comprising:
 Anti-lock Braking System (ABS)
 Automatic Stability Control (ASC)

Safety and technology (cont)

Brake drying
 Brake fade compensation
 Brake pre-tensioning
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)
 Dynamic Traction Control (DTC)
 Electronic Brake Force Distribution (EBD)
 Hill-start assistant
 Soft stop
 First Aid kit and warning triangle
 Foglights, front and rear
 GRAV – Complete front-end made from lightweight aluminium including bonnet and front wings
 Incorrect fuelling protection system (diesel models only)
 On-Board Diagnosis (OBD)
 Park Distance Control (PDC), front and rear
 Positioning lights in headlights and rear lights
 Rain sensor with automatic headlight activation
 Seat belts, inertia-reel at the front with pyrotechnical belt latch tensioner, belt force limiter and belt restrainer
 Seat belts – three with inertia reel, rear
 Side impact protection
 Tyre Puncture Warning System (TPWS)

Seats

Child seat ISOFIX attachments, front (includes front passenger airbag deactivation) – SE models only
 Child seat ISOFIX attachments, rear
 Linea cloth upholstery
 Standard seats, part electric adjustment

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection
 Chromeline exterior trim
 Exhaust tailpipe – single, oval
 Exterior mirrors – aspheric, heated, electric adjustment, body-coloured
 Exterior parts in body colour including: bumpers, side sills and door handles
 Indicator lenses, clear
 Kidney grille, chrome with black vertical slats

Standard equipment

520d SE (cont)

Exterior equipment (cont)

Luggage compartment with electric unlocking via the key's remote control
Windscreen washer jets, heated

Interior equipment

Air conditioning, automatic
Armrest – front with storage compartment
Armrest – rear with cup holders and storage compartment
Car/key memory functions
Central air outlet, rear
Courtesy lights, front and rear with soft on/off dimming
Electric windows – front and rear with anti-trap facility and comfort closing function all round
Floor mats
Glove compartment, illuminated and lockable
Grey interior trim, high-gloss
Headlight range control, electric
Luggage compartment release button in A-pillar
Power sockets, twin 12V in rear of centre console
Reading lights, front and rear
Rear-view mirror, automatically dimming
Roof aerial in Shark-fin design
Smoker's package
Start/Stop button
Steering column with manual reach and rake adjustment
Sun visors with illuminated vanity mirrors
Three-spoke multi-function leather steering wheel

Audio and communication

Auxiliary input point for auxiliary playing devices
BMW Business radio with single CD player
Control Display – 6.5" colour display screen
Favourite buttons
iDrive Controller on centre console
On-Board Computer (OBC) comprising:
Average speed
Fuel consumption and range
Outside temperature display
Preparation for six CD changer

525d SE

Equipment in addition/replacement to 520d SE

Air conditioning, automatic with extended features
Armrest – front with sliding adjustment
Exhaust tailpipes, twin
Kidney grille, chrome with chrome vertical slats
On-Board Computer (OBC) comprising:
Average speed
Fuel consumption and range
Journey computer
Outside temperature display
Speed limit function
Stop watch
Six-cylinder in-line diesel engine with four-valve technology

523i SE and 525i SE

Equipment in addition/replacement to 525d SE

Cylinder-specific knock control
Digital Motor Electronics (DME)
Double-VANOS
High-precision direct injection
Six-cylinder in-line petrol engine with four-valve technology
Two-stage intake system (DISA)

530i SE and 530d SE

Equipment in addition to 523i SE, 525i SE and 525d SE

17" light alloy Star-spoke style 244 with 225/50 R17 Run-flat tyres
Metallic paintwork

535d SE

Equipment in addition/replacement to 530d SE

Automatic transmission
Lane departure warning system
Variable twin turbo

540i SE

Equipment in addition/replacement to 530i SE

V8 engine with four-valve technology
VALVETRONIC engine management

550i SE

Equipment in addition/replacement to 540i SE

Anthracite Bamboo wood interior trim, high-gloss
Dakota leather upholstery
Interior lights package
Lane departure warning system
Standard seats, electric adjustment with driver memory
Steering column with electric reach and rake adjustment

M Sport models

Equipment in addition/replacement to all SE models

18" light alloy M Double-spoke style 135M with 245/40 R18 Run-flat tyres
Aluminium Pentan interior trim
Anthracite Bamboo wood interior trim, high-gloss (550i M Sport)
Dakota leather upholstery (550i M Sport)
Door sill finishers with M designation
Flashlight cloth/leather upholstery
High-gloss Shadowline exterior trim
Individual Anthracite headlining
M Aerodynamic package
M Sport suspension
Sport seats – part electric adjustment (full electric for 550i M Sport)
Three-spoke M Sport multi-function leather steering wheel

Wheels and tyres

		Star-spoke style 243	Radial-spoke style 244
Wheel size	front/rear	7.5 J x 17	7.5 J x 17
Tyre size	front/rear	225/50 R17	225/50 R17
	option code	2SD	2HH
			
523i SE, 525i SE 520d SE, 525d SE		■	□
530i SE, 540i SE, 550i SE 530d SE, 535d SE		□	■

		V-spoke style 245	Star-spoke style 122
Wheel size	front/rear	8 J x 17	8 J x 17
Tyre size	front/rear	245/45 R17	245/45 R17
	option code	2KM	589
			
All SE models		□	□

Key

■ = Standard

□ = Optional

		Star-spoke style 246	Star-spoke style 124*	Double-spoke style 247*
Wheel size	front/rear	8 J x 18	8 J x 18 / 9 J x 18	8 J x 18 / 9 J x 18
Tyre size	front/rear	245/40 R18	245/40 R18 / 275/35 R18	245/40 R18 / 275/35 R18
	option code	2SE	591	2BR**
				
	All SE models	□	□	□

		M Double-spoke style 135M	M Double-spoke style 172M*
Wheel size	front/rear	8 J x 18	8.5 J x 19 / 9.5 J x 19
Tyre size	front/rear	245/40 R18	245/35 R19 / 275/30 R19
	option code	2NP	2NN
			
	All M Sport models	■	□

Key ■ = Standard □ = Optional – = Not available

* Snow chains cannot be fitted to these wheels

** Please note that this wheel has a forged appearance

Note **M Sport models** – 19" alloy wheels 2NN have non-Run-flat tyres and include the spare wheel, wheel brace, jack and wheel chock.

Optional equipment

Option Name																			
Transmission	code	523i SE	523i M Sport	525i SE	525i M Sport	530i SE	530i M Sport	540i SE	540i M Sport	550i SE	550i M Sport	520d SE	520d M Sport	525d SE	525d M Sport	530d SE	530d M Sport	535d SE	535d M Sport
Automatic transmission	205	<input type="checkbox"/>																	
Sports automatic transmission (Only with 255/710, not with 205/both 248 and 5AD)	2TB	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wheels and chassis																			
Active steering (Not with 205 on 520d)	217	<input type="checkbox"/>																	
Space-saving spare wheel (Not with 2NN)	300	<input type="checkbox"/>																	
Sports suspension	226	<input type="checkbox"/>	<input checked="" type="checkbox"/>																
Safety and technology																			
Active Cruise Control with 'stop and go' function	5DF	<input type="checkbox"/>	-	-	<input type="checkbox"/>														
Adaptive headlights (Only with 522)	524	<input type="checkbox"/>																	
Airbags, rear side	261	<input type="checkbox"/>																	
BMW Night Vision (Only with 502 and 609)	611	<input type="checkbox"/>																	
Cruise control with brake function	544	<input checked="" type="checkbox"/>																	
Dynamic Drive	229	-	-	<input type="checkbox"/>	-	-	<input type="checkbox"/>												
Head-up Display (Only with 534 and 606/609)	610	<input type="checkbox"/>																	
Headlight wash	502	<input type="checkbox"/>																	
High-beam assistant (Only with 522)	5AC	<input type="checkbox"/>																	
Lane departure warning system	5AD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
Park Distance Control (PDC), front and rear	508	<input checked="" type="checkbox"/>																	
Xenon headlights for low and high beam (Not with 502)	522	<input type="checkbox"/>																	
Seats																			
Active seat backrest width adjustment, front (Only with 456, not with 455)	4MF	<input type="checkbox"/>																	
Active seat ventilation, front (Only with upholstery U6 and 456/459, not with 481/494)	453	<input type="checkbox"/>																	
Active seats, front (Only with 456, not with 488)	455	<input type="checkbox"/>																	
Child seat ISOFIX attachment, front	470	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Comfort seats, front (Only with LC/U6/NA upholsteries, not with 459/481/488, not with upholsteries AL/GG/KB)	456	<input type="checkbox"/>																	
Lumbar support, driver and front passenger (Not with 455/456)	488	<input type="checkbox"/>																	
Seat adjustment – front, electric with driver memory (Not with 456)	459	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							

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Option Name

Seats (cont)

	code	523i SE	523i M Sport	525i SE	525i M Sport	530i SE	530i M Sport	540i SE	540i M Sport	550i SE	550i M Sport	520d SE	520d M Sport	525d SE	525d M Sport	530d SE	530d M Sport	535d SE	535d M Sport
Seat heating, front (Not with 453)	494	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Seat heating, rear (Only with upholsteries LC/U6/NA, only with 453/494)	496	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Sports seats – front, part-electric adjustment (Not with 453/456, not with upholsteries U6/KB/NA)	481	□	■	□	■	□	■	□	■	□	■	□	■	□	■	□	■	□	■

Exterior equipment

Comfort Access system	322	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
De-chrome	339	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-
High-gloss Shadowline exterior trim	760	□	■	□	■	□	■	□	■	□	■	□	■	□	■	□	■	□	■
M Rear spoiler	754	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□
Model designation, deletion	320	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Towbar, electric (Only with SE modelsc, not with 235)	3AC	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-
Towbar with removable ball head (Only with M Sport models, not with 3AC)	235	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□

Interior equipment

Air conditioning, automatic with extended features (Not with 473 on 520d)	534	■	■	■	■	■	■	■	■	■	■	□	□	■	■	■	■	■	■
Armrest – front with sliding adjustment (Not with 534/633/644)	473	■	■	■	■	■	■	■	■	■	■	□	□	■	■	■	■	■	■
Climate comfort laminated glass (Not with 534 on 520d, not with 354/761)	356	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Cup holders, front and rear	442	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Floor mats	423	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Glass sunroof with sliding and tilt function, electric adjustment	403	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Graduated tinted windscreen (Not with 356/610/761)	354	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Individual Anthracite headlining	775	□	■	□	■	□	■	□	■	□	■	□	■	□	■	□	■	□	■
Interior lights package	563	□	□	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□	□
Rear-view and folding exterior mirrors, automatically dimming	430	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Rear-view mirror, automatically dimming	431	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Smoker's package	441	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Soft close doors	323	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Sun protection glazing (Not with 354/356)	761	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Sunblind – rear windscreen	415	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

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Optional equipment

Option Name	code	523i SE	523i M Sport	525i SE	525i M Sport	530i SE	530i M Sport	540i SE	540i M Sport	550i SE	550i M Sport	520d SE	520d M Sport	525d SE	525d M Sport	530d SE	530d M Sport	535d SE	535d M Sport
Interior equipment (cont)																			
Sunblinds – rear windscreen, electric adjustment and rear side windows, manual	416	<input type="checkbox"/>																	
Through-loading system	465	<input type="checkbox"/>																	
Universal remote control	319	<input type="checkbox"/>																	
Steering wheels																			
Steering wheel heating (Only with 453/494, not with 2TB and 5AD)	248	<input type="checkbox"/>																	
Three-spoke sports leather steering wheel (Not with M Sport models)	255	<input type="checkbox"/>	-																
Audio and communication																			
Bluetooth telephone preparation (Not with 473/606/609)	644	<input type="checkbox"/>																	
Bluetooth telephone preparation with telematics (Only with 606/609, 612 and 616, not with 473)	633	<input type="checkbox"/>																	
BMW ConnectedDrive – Assist (Only with 606/609, 616 and 633)	612	<input type="checkbox"/>																	
BMW ConnectedDrive – Online (Only with 606/609, 612 and 633)	616	<input type="checkbox"/>																	
BMW Individual Audio system (Only with 606/609/663, not with AL/KB upholsteries)	752	<input type="checkbox"/>																	
BMW Professional radio with single CD player (Not with 606/609)	663	<input type="checkbox"/>																	
CD changer for six CDs	672	<input type="checkbox"/>																	
DAB digital radio	654	<input type="checkbox"/>																	
Hi-Fi loudspeaker system	676	<input type="checkbox"/>																	
Hi-Fi loudspeaker system – LOGIC7 Professional	677	<input type="checkbox"/>																	
Navigation system – Business (Not with 663)	606	<input type="checkbox"/>																	
Navigation system – Professional (Not with 663)	609	<input type="checkbox"/>																	
Preparation for Rear seat Advanced DVD entertainment system	6FA	<input type="checkbox"/>																	
TV function (Only with 609)	601	<input type="checkbox"/>																	
USB interface	6FL	<input type="checkbox"/>																	
Voice Control, extended	620	<input type="checkbox"/>																	
Voice Control, extended (In combination with 633/644)	620	<input type="checkbox"/>																	
Packages																			
Luxury package	Z5N	<input type="checkbox"/>	-	-	-	<input type="checkbox"/>	-												
Media package	Z5P	<input type="checkbox"/>																	
Visibility package	Z5K	<input type="checkbox"/>																	

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Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
5 Series Saloon [E60]	523i SE	M		■		■	■
5 Series Saloon [E60]	523i SE	A				■	■
5 Series Saloon [E60]	523i M Sport	M		■		■	
5 Series Saloon [E60]	523i M Sport	A				■	
5 Series Saloon [E60]	525i SE	M		■		■	■
5 Series Saloon [E60]	525i SE	A				■	■
5 Series Saloon [E60]	525i M Sport	M		■		■	
5 Series Saloon [E60]	525i M Sport	A				■	
5 Series Saloon [E60]	530i SE	M		■		■	■
5 Series Saloon [E60]	530i SE	A				■	■
5 Series Saloon [E60]	530i M Sport	M		■		■	
5 Series Saloon [E60]	530i M Sport	A				■	
5 Series Saloon [E60]	540i SE	M		■		■	■
5 Series Saloon [E60]	540i SE	A				■	■
5 Series Saloon [E60]	540i M Sport	M		■		■	
5 Series Saloon [E60]	540i M Sport	A				■	
5 Series Saloon [E60]	550i SE	M		■		■	■
5 Series Saloon [E60]	550i SE	A				■	■
5 Series Saloon [E60]	550i M Sport	M		■		■	
5 Series Saloon [E60]	550i M Sport	A				■	
5 Series Saloon [E60]	520d SE	M		■		■	■
5 Series Saloon [E60]	520d SE	A				■	■
5 Series Saloon [E60]	520d M Sport	M		■		■	
5 Series Saloon [E60]	520d M Sport	A				■	
5 Series Saloon [E60]	525d SE	M		■		■	■
5 Series Saloon [E60]	525d SE	A				■	■
5 Series Saloon [E60]	525d M Sport	M		■		■	
5 Series Saloon [E60]	525d M Sport	A				■	
5 Series Saloon [E60]	530d SE	M		■		■	■
5 Series Saloon [E60]	530d SE	A				■	■
5 Series Saloon [E60]	530d M Sport	M		■		■	
5 Series Saloon [E60]	530d M Sport	A				■	
5 Series Saloon [E60]	535d SE	A				■	■
5 Series Saloon [E60]	535d M Sport	A				■	

Notes:

Active Aerodynamics not available in conjunction with options 217, Active steering, 541, Active Cruise Control, 229, Dynamic Drive, 611, Night Vision or 5DF, Active Cruise Control with 'stop and go' function

Key ■ = Standard

Technical specifications

	523i SE Touring	523i M Sport Touring	525i SE Touring	525i M Sport Touring
Engine				
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2497	2497	2996	2996
Torque (Nm/rpm)	240/3500	240/3500	270/2400	270/2400
Power output (kW/hp)	140/190	140/190	160/218	160/218
Dimensions				
Length (mm)	4843	4843	4843	4843
Height (mm) (with roof rails)	1491	1491	1491	1491
Width* (mm)	1846 [2030]	1846 [2030]	1846 [2030]	1846 [2030]
Fuel tank capacity (litres)	70	70	70	70
Boot capacity (VDA method) (litres)	500/1650	500/1650	500/1650	500/1650
Wheels				
Wheels	Light alloy style 243 7.5 J x 17	Light alloy style 135M 8 J x 18	Light alloy style 243 7.5 J x 17	Light alloy style 135M 8 J x 18
Tyres (Run-flat)	225/50 R17	245/40 R18	225/50 R17	245/40 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	1600 (1800)	1600 (1800)	1800 (2000)	1800 (2000)
Performance				
0-62 mph (sec)	8.5 (9.1)	8.5 (9.1)	7.4 (7.9)	7.4 (7.9)
Maximum speed (mph)	143 (142)	143 (142)	151 (150)	151 (150)
Fuel consumption				
Urban (mpg / litres/100 km)	26.6/10.6 (26.6/10.6)	26.6/10.6 (26.6/10.6)	26.2/10.8 (26.4/10.7)	26.2/10.8 (26.4/10.7)
Extra-urban (mpg / litres/100 km)	47.1/6.0 (47.1/6.0)	47.1/6.0 (47.1/6.0)	47.9/5.9 (47.1/6.0)	47.9/5.9 (47.1/6.0)
Combined (mpg / litres/100 km)	36.7/7.7 (36.7/7.7)	36.7/7.7 (36.7/7.7)	36.7/7.7 (36.7/7.7)	36.7/7.7 (36.7/7.7)
CO ₂ emissions (g/km)	183 (184)	183 (184)	183 (184)	183 (184)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	17	17
Key				
	() = Figures in brackets apply to cars with automatic transmission			
	* = Figures in [brackets] include mirrors			

	530i SE Touring	530i M Sport Touring	550i SE Touring	550i M Sport Touring
Engine				
Engine	6 cylinder 24 valve	6 cylinder 24 valve	8 cylinder 32 valve	8 cylinder 32 valve
Capacity (cc)	2996	2996	4799	4799
Torque (Nm/rpm)	320/2750	320/2750	490/3400	490/3400
Power output (kW/hp)	200/272	200/272	270/367	270/367
Dimensions				
Length (mm)	4843	4843	4843	4843
Height (mm) (with roof rails)	1491	1491	1491	1491
Width* (mm)	1846 [2030]	1846 [2030]	1846 [2030]	1846 [2030]
Fuel tank capacity (litres)	70	70	70	70
Boot capacity (VDA method) (litres)	500/1650	500/1650	500/1650	500/1650
Wheels				
Wheels	Light alloy style 244 7.5 J x 17	Light alloy style 135M 8 J x 18	Light alloy style 244 7.5 J x 17	Light alloy style 135M 8 J x 18
Tyres (Run-flat)	225/50 R17	245/40 R18	225/50 R17	245/40 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	2000 (2000)	2000 (2000)	2000 (2000)	2000 (2000)
Performance				
0-62 mph (sec)	6.5 (6.8)	6.5 (6.8)	5.3 (5.4)	5.3 (5.4)
Maximum speed (mph)	155**	155**	155**	155**
Fuel consumption				
Urban (mpg / litres/100 km)	25.4/11.1 (25.7/11.0)	25.4/11.1 (25.7/11.0)	16.6/17.0 (17.5/16.1)	16.6/17.0 (17.5/16.1)
Extra-urban (mpg / litres/100 km)	47.1/6.0 (48.7/5.8)	47.1/6.0 (48.7/5.8)	36.2/7.8 (37.7/7.5)	36.2/7.8 (37.7/7.5)
Combined (mpg / litres/100 km)	35.8/7.9 (36.7/7.7)	35.8/7.9 (36.7/7.7)	25.2/11.2 (26.4/10.7)	25.2/11.2 (26.4/10.7)
CO ₂ emissions (g/km)	187 (184)	187 (184)	267 (254)	267 (254)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	18	18	20	20

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

** = Electronically limited

Technical specifications

	520d SE Touring	520d M Sport Touring	525d SE Touring	525d M Sport Touring
Engine				
Engine	4 cylinder 16 valve	4 cylinder 16 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	1995	1995	2993	2993
Torque (Nm/rpm)	350/1750	350/1750	400/1300	400/1300
Power output (kW/hp)	130/177	130/177	145/197	145/197
Dimensions				
Length (mm)	4843	4843	4843	4843
Height (mm) (with roof rails)	1491	1491	1491	1491
Width* (mm)	1846 [2030]	1846 [2030]	1846 [2030]	1846 [2030]
Fuel tank capacity (litres)	70	70	70	70
Boot capacity (VDA method) (litres)	500/1650	500/1650	500/1650	500/1650
Wheels				
Wheels	Light alloy style 243 7.5 J x 17	Light alloy style 135M 8 J x 18	Light alloy style 243 7.5 J x 17	Light alloy style 135M 8 J x 18
Tyres (Run-flat)	225/50 R17	245/40 R18	225/50 R17	245/40 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	1800 (1800)	1800 (1800)	2000 (2000)	2000 (2000)
Performance				
0-62 mph (sec)	8.5 (8.6)	8.5 (8.6)	7.8 (7.9)	7.8 (7.9)
Maximum speed (mph)	139 (139)	139 (139)	144 (144)	144 (144)
Fuel consumption				
Urban (mpg / litres/100 km)	42.2/6.7 (36.7/7.7)	42.2/6.7 (36.7/7.7)	33.6/8.4 (32.8/8.6)	33.6/8.4 (32.8/8.6)
Extra-urban (mpg / litres/100 km)	62.8/4.5 (60.1/4.7)	62.8/4.5 (60.1/4.7)	54.3/5.2 (52.3/5.4)	54.3/5.2 (52.3/5.4)
Combined (mpg / litres/100 km)	53.3/5.3 (48.7/5.8)	53.3/5.3 (48.7/5.8)	44.1/6.4 (42.8/6.6)	44.1/6.4 (42.8/6.6)
CO ₂ emissions (g/km)	140 (154)	140 (154)	171 (176)	171 (176)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	15	16	16	17
 Key				
	() = Figures in brackets apply to cars with automatic transmission			
	* = Figures in [brackets] include mirrors			

	530d SE Touring	530d M Sport Touring	535d SE Touring	535d M Sport Touring
Engine				
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993	2993	2993
Torque (Nm/rpm)	500/1750	500/1750	580/1750	580/1750
Power output (kW/hp)	173/235	173/235	210/286	210/286
Dimensions				
Length (mm)	4843	4843	4843	4843
Height (mm) (with roof rails)	1491	1491	1491	1491
Width* (mm)	1846 [2030]	1846 [2030]	1846 [2030]	1846 [2030]
Fuel tank capacity (litres)	70	70	70	70
Boot capacity (VDA method) (litres)	500/1650	500/1650	500/1650	500/1650
Wheels				
Wheels	Light alloy style 244 7.5 J x 17	Light alloy style 135M 8 J x 18	Light alloy style 244 7.5 J x 17	Light alloy style 135M 8 J x 18
Tyres (Run-flat)	225/50 R17	245/40 R18	225/50 R17	245/40 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 12%	2000 (2000)	2000 (2000)	(2000)	(2000)
Performance				
0-62 mph (sec)	6.9 (7.0)	6.9 (7.0)	(6.5)	(6.5)
Maximum speed (mph)	152 (151)	152 (151)	(155**)	(155**)
Fuel consumption				
Urban (mpg / litres/100 km)	32.1/8.8 (30.4/9.3)	32.1/8.8 (30.4/9.3)	(30.7/9.2)	(30.7/9.2)
Extra-urban (mpg / litres/100 km)	53.3/5.3 (53.3/5.3)	53.3/5.3 (53.3/5.3)	(50.4/5.6)	(50.4/5.6)
Combined (mpg / litres/100 km)	42.8/6.6 (41.5/6.8)	42.8/6.6 (41.5/6.8)	(40.9/6.9)	(40.9/6.9)
CO ₂ emissions (g/km)	176 (180)	176 (180)	(182)	(182)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	18	18	18

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

** = Electronically limited

Standard equipment

520d SE

Engine

Catalytic converter
 Common-rail injection system
 Diesel Particulate Filter (DPF)
 Digital Diesel Electronics (DDE)
 Engine mounts, hydraulically controlled
 EU4 emissions management
 Four-cylinder in-line diesel engine with four-valve technology
 Turbocharger with variable turbine geometry

Transmission

Six-speed manual transmission

Wheels and chassis

17" light alloy Star-spoke style 243 with 225/50 R17 Run-flat tyres
 Aluminium brake callipers at the front and rear
 Aluminium integral rear axle
 Disc brakes at the front and rear, inner-vented
 Double-joint spring-strut aluminium front axle
 Run-flat tyres
 Self levelling air suspension at the rear
 Servotronic power steering

Safety and technology

Airbag features:

- Advanced Head Protection System (AHPS), front and rear
- Airbags, driver and front passenger
- Airbags, driver and front passenger side
- Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting
- Impact-Depending Airbag System (ID airbags), driver and front passenger
- Passenger seat occupancy sensor, front
- Alarm system (Thatcham 1) with remote control and engine immobiliser
- Anti-whiplash head restraints, front
- Brake Force Display
- Check control warning system
- Child locking system, rear doors
- Condition Based Servicing (CBS)
- Cruise control with brake function
- Deformation zones front and rear, that can absorb impacts of up to 9.5 mph, bumpers absorb impacts up to 2.5 mph without damage

Safety and technology (cont)

Dynamic Stability Control (DSC+) comprising:

- Anti-lock Braking System (ABS)
- Automatic Stability Control (ASC)
- Brake drying
- Brake fade compensation
- Brake pre-tensioning
- Cornering Brake Control (CBC)
- Dynamic Brake Control (DBC)
- Dynamic Traction Control (DTC)
- Electronic Brake Force Distribution (EBD)
- Hill-start assistant
- Soft stop

First Aid kit and warning triangle

Foglights, front and rear

GRAV – Complete front-end made from lightweight aluminium including bonnet and front wings

Incorrect fuelling protection system (diesel models only)

On-Board Diagnosis (OBD)

Park Distance Control (PDC), front and rear

Positioning lights in headlights and rear lights

Rain sensor with automatic headlight activation

Seat belts, inertia-reel at the front with pyrotechnical belt latch tensioner, belt force limiter and belt retainer

Seat belts – three with inertia reel, rear

Side impact protection

Tyre Puncture Warning System (TPWS)

Seats

Child seat ISOFIX attachments, front (includes front passenger airbag deactivation) – SE models only

Child seat ISOFIX attachments, rear

Linea cloth upholstery

Standard seats, part electric adjustment

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection
 Chromeline exterior trim
 Exhaust tailpipe, single oval

520d SE (cont)

Exterior equipment (cont)

Exterior mirrors – aspheric, heated, electric adjustment, body-coloured
 Exterior parts in body colour including: bumpers, side sills and door handles
 Indicator lenses, clear
 Kidney grille, chrome with black vertical slats
 Rear tailgate with opening rear window
 Roof rails, black
 Tailgate operation, soft-close
 Wash wipe system, rear
 Windscreen washer jets, heated

Interior equipment

12V socket in luggage compartment
 Air conditioning, automatic
 Armrest – front with storage compartment
 Armrest – rear with cup holders and storage compartment
 Car/key memory functions
 Central air outlet, rear
 Courtesy lights, front and rear with soft on/off dimming
 Electric windows – front and rear with anti-trap facility and comfort closing function all round
 Floor mats
 Glove compartment, illuminated and lockable
 Grey interior trim, high-gloss
 Headlight range control, electric
 Luggage compartment comprising:
 Boot release button on A-pillar
 Cover, automatically retractable and removable
 Dividing net, retractable
 Electric unlocking via the key's remote control
 Power socket, twin 12V in rear of centre console
 Reading lights, front and rear
 Rear-view mirror, automatically dimming
 Roof aerial in Shark-fin design
 Smoker's package
 Start/Stop button
 Steering column with manual reach and rake adjustment
 Storage compartment, lockable and dividable underneath load floor
 Sun visors with illuminated vanity mirrors
 Three-spoke multi-function leather steering wheel

Audio and communication

Auxiliary input for auxiliary playing devices
 BMW Business radio with single CD player
 Control Display – 6.5" colour display screen
 Favourite buttons
 iDrive Controller on centre console
 On-Board Computer (OBC) comprising:
 Average speed
 Fuel consumption and range
 Outside temperature display
 Preparation for six CD changer

525d SE

Equipment in addition/replacement to 520d SE

Air conditioning, automatic with extended features
 Armrest, front with sliding adjustment
 Exhaust tailpipes, twin
 Kidney grille, chrome with chrome vertical slats
 On-Board Computer (OBC) comprising:
 Average speed
 Fuel consumption and range
 Journey computer
 Outside temperature display
 Speed limit function
 Stop watch
 Six-cylinder in-line diesel engine with four-valve technology

Standard equipment

523i SE and 525i SE

Equipment in addition/replacement to 525d SE

Cylinder-specific knock control
 Digital Motor Electronics (DME)
 Double-VANOS
 High-precision direct injection
 Six-cylinder in-line petrol engine with four-valve technology
 Two-stage intake system (DISA)

530i SE and 530d SE

Equipment in addition to 523i SE, 525i SE and 525d SE

17" light alloy Star-spoke style 244 with 225/50 R17 Run-flat tyres
 Metallic paintwork

535d SE

Equipment in addition/replacement to 530d SE

Automatic transmission
 Lane departure warning system
 Variable twin turbo

550i SE

Equipment in addition/replacement to 530i SE

Anthracite Bamboo wood interior trim, high-gloss
 Dakota leather upholstery
 Interior lights package
 Lane departure warning system
 Standard seats, electric adjustment with driver memory
 Steering column with electric reach and rake adjustment
 V8 engine with four-valve technology
 VALVETRONIC engine management

M Sport models

Equipment in addition/replacement to all SE models

18" light alloy M Double-spoke style 135M with 245/40 R18 Run-flat tyres
 Aluminium Pentan interior trim
 Anthracite Bamboo wood interior trim, high-gloss (550i M Sport)
 Dakota leather upholstery (550i M Sport)
 Door sill finishers with M designation
 Flashlight cloth/leather upholstery
 High-gloss Shadowline exterior trim
 Individual Anthracite headlining
 M Aerodynamic package
 M Sport suspension
 Sport seats – part electric adjustment (full electric for 550i M Sport)
 Three-spoke M Sport multi-function leather steering wheel

		Star-spoke style 243	Radial-spoke style 244
Wheel size	front/rear	7.5 J x 17	7.5 J x 17
Tyre size	front/rear	225/50 R17	225/50 R17
	option code	2SD	2HH
			
523i SE, 525i SE 520d SE, 525d SE		■	□
530i SE, 550i SE 530d SE, 535d SE		□	■

		V-spoke style 245	Star-spoke style 122
Wheel size	front/rear	8 J x 17	8 J x 17
Tyre size	front/rear	245/45 R17	245/45 R17
	option code	2KM	589
			
All SE models		□	□

Key ■ = Standard □ = Optional -- = Not available

Wheels and tyres

		Star-spoke style 246	Star-spoke style 124
Wheel size	front/rear	8 J x 18	8 J x 18
Tyre size	front/rear	245/40 R18	245/40 R18
	option code	2SE	2C0
			
	All SE models	□	□

		Double-spoke style 247	M Double-spoke style 135M
Wheel size	front/rear	8 J x 18	8 J x 18
Tyre size	front/rear	245/40 R18	245/40 R18
	option code	2BS*	2NP
			
	All SE models	□	-
	M Sport models	-	■

Key

■ = Standard

□ = Optional

- = Not available

* Please note that this wheel has a forged appearance.

Option Name																	
Transmission	code	523i SE	523i M Sport	525i SE	525i M Sport	530i SE	530i M Sport	550i SE	550i M Sport	520d SE	520d M Sport	525d SE	525d M Sport	530d SE	530d M Sport	535d SE	535d M Sport
Automatic transmission	205	□	□	□	□	□	□	□	□	□	□	□	□	□	□	■	■
Sports automatic transmission (Only with 255/710, not with 205/both 248 and 5AD)	2TB	-	-	-	-	□	□	□	□	-	-	-	-	□	□	□	□
Wheels and chassis																	
Active steering (Not with 205 on 520d)	217	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Space-saving spare wheel	300	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Sport suspension (Not with M Sport models)	226	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-
Safety and technology																	
Active Cruise Control with 'Stop and Go' function (Only with 205/2TB and 606/609)	5DF	□	□	□	□	□	□	□	□	-	-	□	□	□	□	□	□
Adaptive headlights (Only with 522)	524	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Airbags, rear side	261	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
BMW Night Vision (Only with 502 and 609)	611	□	□	□	□	□	□	□	□	□	□	□	□	□	□	-	□
Cruise control with brake function	544	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Dynamic Drive (Not with M Sport models)	229	-	-	□	-	□	-	□	-	-	-	□	-	□	-	□	-
Head-up Display (Only with 534 and 606/609)	610	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Headlight wash	502	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
High-beam assistant (Only with 522)	5AC	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Lane departure warning system	5AD	□	□	□	□	□	□	□	■	□	□	□	□	□	□	□	■
Park Distance Control (PDC), front and rear	508	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Xenon headlights for low and high beam (Not with 502)	522	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Seats																	
Active seat backrest width adjustment (Only with 456, not with 455)	4MF	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Active seat ventilation, front (Only with upholstery U6 and 456/459, not with 481/494)	453	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Active seats, front (Only with 456, not with 488)	455	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Child seat ISOFIX attachment, front	470	■	□	■	□	■	□	■	■	■	□	■	□	■	□	■	□
Comfort seats, front (Only with upholstery LC/U6/NA, not with 459/481/488/AL/GG/KB)	456	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or'
 □ = Optional ■ = Standard - = Not Available

Optional equipment

Option Name

Seats (cont)

Option Name	code	523i SE	523i M Sport	525i SE	525i M Sport	530i SE	530i M Sport	550i SE	550i M Sport	520d SE	520d M Sport	525d SE	525d M Sport	530d SE	530d M Sport	535d SE	535d M Sport
Lumbar support, driver and front passenger (Not with 455/456)	488	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Seat adjustment – front, electric with driver memory (Not with 456)	459	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□	□
Seat heating, front (Not with 453)	494	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Seat heating, rear (Only with upholsteries LC/U6/NA, only with 453/494)	496	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Sports seats – front, part-electric adjustment (Not with 453/456, not with upholsteries K6/U6/NA)	481	□	■	□	■	□	■	□	■	□	■	□	■	□	■	□	■

Exterior equipment

Comfort Access system	322	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
De-chrome	339	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-
High-gloss Shadowline exterior trim	760	□	■	□	■	□	■	□	■	□	■	□	■	□	■	□	■
Model designation, deletion	320	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Roof rails, black	386	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Tailgate operation, automatic	316	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Towbar, electric (Not with 235, not with M Sport models)	3AC	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-
Towbar with removable ball head (Only with M Sport models, not with 3AC)	235	-	□	-	□	-	□	-	□	-	□	-	□	-	□	-	□

Interior equipment

Air conditioning, automatic with extended features (Not with 473 on 520d)	534	■	■	■	■	■	■	■	■	□	□	■	■	■	■	■	■
Armrest – front with sliding adjustment (Not with 534/633/644)	473	■	■	■	■	■	■	■	■	□	□	■	■	■	■	■	■
Climate comfort laminated glass (Only with 534 on 520d, not with 354/654/761)	356	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Cup holders, front and rear	442	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Floor mats	423	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Graduated tinted windscreen (Not with 356/610/761)	354	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Individual Anthracite headlining	775	□	■	□	■	□	■	□	■	□	■	□	■	□	■	□	■
Interior lights package	563	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□	□
Panoramic glass sunroof with sliding and tilt function, electric adjustment	402	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Rear-view and folding exterior mirrors, automatically dimming	430	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Rear-view mirror, automatically dimming	431	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Ski bag	464	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Smoker's package	441	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

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□ = Optional ■ = Standard - = Not Available

Option Name																	
	code	523i SE	523i M Sport	525i SE	525i M Sport	530i SE	530i M Sport	550i SE	550i M Sport	520d SE	520d M Sport	525d SE	525d M Sport	530d SE	530d M Sport	535d SE	535d M Sport
Interior equipment (cont)																	
Soft close doors	323	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Storage compartment package	493	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Sun protection glazing (Not with 354/356)	761	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Sunblinds – rear side windows, manual adjustment	417	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Universal remote control	319	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Steering wheels																	
Steering wheel heating (Only with 494/453, not with 2TB and 5AD)	248	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Three-spoke sports leather steering wheel (Not with M Sport models)	255	☐	-	☐	-	☐	-	☐	-	☐	-	☐	-	☐	-	☐	-
Audio and communication																	
Bluetooth telephone preparation (Not with 606/609, not with 473)	644	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Bluetooth telephone preparation with telematics (Only with 606/609, 612 and 616, not with 473)	633	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
BMW ConnectedDrive – Assist (Only with 606/609, 616 and 633)	612	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
BMW ConnectedDrive – Online (Only with 606/609, 612 and 633)	616	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
BMW Individual Audio system (Only with 606/609/663, not with AL/KB upholsteries)	752	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
BMW Professional radio with single CD player (Not with 606/609)	663	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CD changer for six CDs	672	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
DAB digital radio (Not with 356)	654	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hi-Fi loudspeaker system	676	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hi-Fi loudspeaker system – LOGIC7 Professional	677	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Navigation system – Business (Not with 663)	606	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Navigation system – Professional (Not with 663)	609	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
TV function (Only with 609)	601	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Preparation for Rear seat Advanced DVD entertainment system	6FA	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
USB interface	6FL	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Voice Control, extended	620	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Voice Control, extended (In combination with 633/644)	620	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Packages																	
Luxury package	Z5N	☐	-	☐	-	☐	-	-	-	☐	-	☐	-	☐	-	☐	-
Media package	Z5P	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Visibility package	Z5K	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

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EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
5 Series Touring [E61]	523i SE	M		■		■	■
5 Series Touring [E61]	523i SE	A				■	■
5 Series Touring [E61]	523i M Sport	M		■		■	
5 Series Touring [E61]	523i M Sport	A				■	
5 Series Touring [E61]	525i SE	M		■		■	■
5 Series Touring [E61]	525i SE	A				■	■
5 Series Touring [E61]	525i M Sport	M		■		■	
5 Series Touring [E61]	525i M Sport	A				■	
5 Series Touring [E61]	530i SE	M		■		■	■
5 Series Touring [E61]	530i SE	A				■	■
5 Series Touring [E61]	530i M Sport	M		■		■	
5 Series Touring [E61]	530i M Sport	A				■	
5 Series Touring [E61]	550i SE	M		■		■	■
5 Series Touring [E61]	550i SE	A				■	■
5 Series Touring [E61]	550i M Sport	M		■		■	
5 Series Touring [E61]	550i M Sport	A				■	
5 Series Touring [E61]	520d SE	M		■		■	■
5 Series Touring [E61]	520d SE	A				■	■
5 Series Touring [E61]	520d M Sport	M		■		■	
5 Series Touring [E61]	520d M Sport	A				■	
5 Series Touring [E61]	525d SE	M		■		■	■
5 Series Touring [E61]	525d SE	A				■	■
5 Series Touring [E61]	525d M Sport	M		■		■	
5 Series Touring [E61]	525d M Sport	A				■	
5 Series Touring [E61]	530d SE	M		■		■	■
5 Series Touring [E61]	530d SE	A				■	■
5 Series Touring [E61]	530d M Sport	M		■		■	
5 Series Touring [E61]	530d M Sport	A				■	
5 Series Touring [E61]	535d SE	A				■	■
5 Series Touring [E61]	535d M Sport	A				■	

Notes:

Active Aerodynamics not available in conjunction with options 217, Active steering, 541, Active Cruise Control, 229, Dynamic Drive, 611, Night Vision or 5DF, Active Cruise Control with 'stop and go' function

Key ■ = Standard

6 Series Coupé/Convertible

E63/64

Launched in 2003, the BMW 6 Series Coupé and Convertible models have become renowned for their sporting elegance and iconic design. New engines, EfficientDynamics measures, and enhanced design and equipment features were introduced during a mid-lifecycle “refresh” in October 2007. All of these measures resulted in enhanced handling and performance together with improved fuel consumption and emissions, further strengthening the competitiveness of the BMW 6 Series as an offering within its segment.

Performance and economy

- **Advanced engine technology.** BMW’s award winning 3.0-litre variable twin turbo diesel engine in the 635d models and the 3.0-litre petrol engine with high-precision direct injection technology in the 630i models. The V8, 367hp 650i completes the model portfolio.
- **Class-leading economy and emissions figures due to** EfficientDynamics measures including Optimum Shift Indicator, Brake Energy Regeneration and the continued extensive use of lightweight materials including thermoplastics – the usage of which BMW originally pioneered on the BMW 6 Series.
- **Maximum driving stability, supreme safety and driving pleasure** are provided by cutting-edge chassis control systems.
- **Renowned for providing a smooth and refined drive.**

Design and styling

- **Elegant, sporty design with road presence and dynamism** incorporating typical BMW Coupé lines with a low stance, short front and rear overhangs, pronounced side sill and set back glasshouse.
- **Unique soft-top design for the Convertible models** with sliding glass rear window and standard Dakota leather with SunReflective Technology.
- **Spacious luggage compartment** offering everyday usability and practicality. The Coupé can accommodate up to three large golf bags and the Convertible can hold up to two even with the soft-top open.

Enhanced Options

- **Optional Active Cruise Control with ‘stop and go’ function.**
- **Extensive light and visibility options** such as Adaptive headlights, High-beam assistant, BMW Night Vision and Head-up Display.
- **Superior level of standard equipment** including standard Dakota leather, Xenon headlights and Sport automatic transmission (635d models only).
- **BMW Individual Audio System** (optional).

Did you know?

Combined fuel consumption: From 40.9 to 22.4 mpg.
CO₂ emissions: from 183 to 299 g/km.



Competitors

Primary competitors

Mercedes-Benz CLS** and SL
Jaguar XK and XKR

Secondary competitors

Porsche 911 Carrera, Maserati
GranSport, Lexus SC 430

Competitor Comparison	BMW 635d Coupé	Mercedes 320 CDI CLS
Power output (hp)	286	224
0-62mph (seconds)	6.3	7.0
Top speed (mph)	155*	153
Combined fuel consumption (mpg)	40.9	37.2
VED Band	E	F
CO ₂ (g/km)	183	200

Data Source:
Competitor websites

■ = Best value in class.

* Electronically Limited

** Includes diesel model offering

Technical specifications

	630i Coupé		630i Sport Coupé	
Engine				
Engine	6 cylinder 24 valve		6 cylinder 24 valve	
Capacity (cc)	2996		2996	
Torque (Nm/rpm)	320/2750		320/2750	
Power output (kW/hp)	200/272		200/272	
Dimensions				
Length (mm)	4820		4820	
Height (mm)	1374		1374	
Width* (mm)	1855 [2036]		1855 [2036]	
Fuel tank capacity (litres)	70		70	
Boot capacity (VDA Method) (litres)	450		450	
Wheels				
Wheels	Light alloy style 117 7.5 J x 17		Light alloy style 218 8.5 J x 19 / 9 J x 19	
Tyres (Run-flat)	245/50 R17		245/40 R19 / 275/35 R19	
Performance				
0-62 (sec)	6.2 (6.4)		6.2 (6.4)	
Maximum speed (mph)	155**		155**	
Fuel consumption				
	Manual	Automatic	Manual	Automatic
Urban (mpg / litres/100km)	25.2/11.2	25.7/11.0	25.2/11.2	25.7/11.0
Extra-urban (mpg / litres/100km)	47.1/6.0	48.7/5.8	47.1/6.0	48.7/5.8
Combined (mpg / litres/100km)	35.8/7.9	36.7/7.7	35.8/7.9	36.7/7.7
CO ₂ emissions (g/km)	188	184	188	184
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	18	18	18	18

Key () = Figures in brackets apply to cars with automatic transmission
 * = Figures in [brackets] include mirrors
 ** = Electronically limited

Engine	635d Coupé	635d Sport Coupé
Engine	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993
Torque (Nm/rpm)	580/1750	580/1750
Power output (kW/hp)	210/286	210/286
Dimensions		
Length (mm)	4820	4820
Height (mm)	1374	1374
Width* (mm)	1855 [2036]	1855 [2036]
Fuel tank capacity (litres)	70	70
Boot capacity (VDA Method) (litres)	450	450
Wheels		
Wheels	Light alloy style 117 7.5 J x 17	Light alloy style 218 8.5 J x 19 / 9 J x 19
Tyres (Run-flat)	245/50 R17	245/40 R19 / 275/35 R19
Performance		
0-62 (sec)	(6.3)	(6.3)
Maximum speed (mph)	155**	155**
Fuel consumption		
	Automatic	Automatic
Urban (mpg / litres/100km)	30.7/9.2	30.7/9.2
Extra-urban (mpg / litres/100km)	50.4/5.6	50.4/5.6
Combined (mpg / litres/100km)	40.9/6.9	40.9/6.9
CO ₂ emissions (g/km)	183	183
Emissions management	EU4	EU4
Insurance		
ABI Insurance group rating	19	19

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

** = Electronically limited

Technical specifications

	650i Coupé		650i Sport Coupé	
Engine				
Engine	8 cylinder 32 valve		8 cylinder 32 valve	
Capacity (cc)	4799		4799	
Torque (Nm/rpm)	490/3400		490/3400	
Power output (kW/hp)	270/367		270/367	
Dimensions				
Length (mm)	4820		4820	
Height (mm)	1374		1374	
Width* (mm)	1855 [2036]		1855 [2036]	
Fuel tank capacity (litres)	70		70	
Boot capacity (VDA Method) (litres)	450		450	
Wheels				
Wheels	Light alloy style 248 8 J x 18 / 8 J x 18		Light alloy style 218 8.5 J x 19 / 9 J x 19	
Tyres (Run-flat)	245/45 R18		245/40 R19 / 275/35 R19	
Performance				
0-62 (sec)	5.1 (5.2)		5.1 (5.2)	
Maximum speed (mph)	155**		155**	
Fuel consumption				
	Manual	Automatic	Manual	Automatic
Urban (mpg / litres/100km)	15.9/17.8	17.8/15.9	15.9/17.8	17.8/15.9
Extra-Urban (mpg / litres/100km)	34.9/8.1	38.2/7.4	34.9/8.1	38.2/7.4
Combined (mpg / litres/100km)	24.1/11.7	26.9/10.5	24.1/11.7	26.9/10.5
CO ₂ emissions (g/km)	279	249	279	249
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	20	20	20	20

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 ** = Electronically limited

Engine	630i Convertible		630i Sport Convertible	
Engine	6 cylinder 24 valve		6 cylinder 24 valve	
Capacity (cc)	2996		2996	
Torque (Nm/rpm)	320/2750		320/2750	
Power output (kW/hp)	200/272		200/272	
Dimensions				
Length (mm)	4820		4820	
Height (mm)	1374		1374	
Width* (mm)	1855 [2036]		1855 [2036]	
Fuel tank capacity (litres)	70		70	
Boot capacity (VDA method) (litres)	300-350		300-350	
Wheels				
Wheels	Light alloy style 117 7.5 J x 17		Light alloy style 218 8.5 J x 19 / 9 J x 19	
Tyres (Run-flat)	245/50 R17		245/40 R19 / 275/35 R19	
Performance				
0-62 (sec)	6.7 (7.0)		6.7 (7.0)	
Maximum speed (mph)	155**		155**	
Fuel consumption				
	Manual	Automatic	Manual	Automatic
Urban (mpg / litres/100km)	23.9/11.8	24.4/11.6	23.9/11.8	24.4/11.6
Extra-urban (mpg / litres/100km)	44.8/6.3	47.1/6.0	44.8/6.3	47.1/6.0
Combined (mpg / litres/100km)	34.0/8.3	34.9/8.1	34.0/8.3	34.9/8.1
CO ₂ emissions (g/km)	198	192	198	192
Emissions management	EU4	EU4	EU4	EU4
Insurance				
AABI Insurance group rating	19	19	19	19

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

** = Electronically limited

Technical specifications

	635d Convertible	635d Sport Convertible
Engine		
Engine	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993
Torque (Nm/rpm)	580/1750	580/1750
Power output (kW/hp)	210/286	210/286
Dimensions		
Length (mm)	4820	4820
Height (mm)	1374	1374
Width* (mm)	1855 [2036]	1855 [2036]
Fuel tank capacity (litres)	70	70
Boot capacity (VDA method) (litres)	300-350	300-350
Wheels		
Wheels	Light alloy style 117 7.5 J x 17	Light alloy style 218 8.5 J x 19 / 9 J x 19
Tyres (Run-flat)	245/50 R17	245/40 R19 / 275/35 R19
Performance		
0-62 (sec)	(6.6)	(6.6)
Maximum speed (mph)	155**	155**
Fuel consumption		
	Automatic	Automatic
Urban (mpg / litres/100km)	29.4/9.6	29.4/9.6
Extra-urban (mpg / litres/100km)	48.7/5.8	48.7/5.8
Combined (mpg / litres/100km)	39.2/7.2	39.2/7.2
CO ₂ emissions (g/km)	190	190
Emissions management	EU4	EU4
Insurance		
ABI Insurance group rating	20	20

Key () = Figures in brackets apply to cars with automatic transmission
 * = Figures in [brackets] include mirrors
 ** = Electronically limited

Engine	650i Convertible		650i Sport Convertible	
Engine	8 cylinder 32 valve		8 cylinder 32 valve	
Capacity (cc)	4799		4799	
Torque (Nm/rpm)	490/3400		490/3400	
Power output (kW/hp)	270/367		270/367	
Dimensions				
Length (mm)	4820		4820	
Height (mm)	1374		1374	
Width* (mm)	1855 [2036]		1855 [2036]	
Fuel tank capacity (litres)	70		70	
Boot capacity (VDA Method) (litres)	300-350		300-350	
Wheels				
Wheels	Light alloy style 248 8 J x 18 / 8 J x 18		Light alloy style 218 8.5 J x 19 / 9 J x 19	
Tyres (Run-flat)	245/45 R18		245/40 R19 / 275/35 R19	
Performance				
0-62 (sec)	5.5 (5.6)		5.5 (5.6)	
Maximum speed (mph)	155**		155**	
Fuel consumption				
	Manual	Automatic	Manual	Automatic
Urban (mpg / litres/100km)	14.7/19.2	17.1/16.5	14.7/19.2	17.1/16.5
Extra-Urban (mpg / litres/100km)	32.1/8.8	36.7/7.7	32.1/8.8	36.7/7.7
Combined (mpg / litres/100km)	22.4/12.6	25.9/10.9	22.4/12.6	25.9/10.9
CO ₂ emissions (g/km)	299	258	299	258
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	20	20	20	20

Key

() = Figures in brackets apply to cars with automatic transmission

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** = Electronically limited

Standard equipment

630i, 635d and 650i Coupé and Convertible

Engine 630i

Catalytic converter
 Cylinder-specific knock control
 Digital Motor Electronics (DME)
 Double-VANOS
 EU4 emissions management
 High-precision direct injection
 Six-cylinder in-line engine with four-valve technology
 Two-stage intake system (DISA)

Engine 635d

Catalytic converter
 Common-rail injection system
 Diesel Particulate Filter (DPF)
 Digital Diesel Electronics (DDE)
 Engine mounts, hydraulically controlled
 EU4 emissions management
 Six-cylinder in-line diesel engine with four-valve technology
 Variable twin turbo

Engine 650i

Catalytic converter
 Digital Motor Electronics (DME)
 EU4 emissions management
 Light alloy cylinder head and engine block
 V8 engine with four-valve technology
 VALVETRONIC engine management

Transmission

Six-speed manual transmission (630i & 650i)
 Sports automatic transmission (635d)

Wheels and chassis

17" light alloy Star-spoke style 117 with 245/50 R17 tyres (630i & 635d)
 18" light alloy V-spoke style 248 with 245/45 R18 tyres (650i)
 Aluminium double-joint spring-strut front axle
 Aluminium integral rear axle
 Servotronic power steering
 Sport suspension

Safety and technology

Airbag features:

Advanced Head Protection System (AHPS) front (Coupé only)
 Airbags – driver and front passenger, front and side
 Crash sensor activation central locking release, hazard warning lights, fuel cut-off and interior lighting
 Impact-Depending Airbag System (ID Airbags), driver and front passenger
 Passenger seat airbag deactivation, front
 Passenger seat occupancy sensor, front

Alarm system (Thatcham 1) with remote control and engine immobiliser

Anti-whiplash head restraints, front

Battery in luggage compartment with jump-start facility in engine bay

Brake Force Display

Brake lights with LED technology

Check control warning system

Condition Based Servicing (CBS)

Cruise control with brake function

Deformation zones – front and rear with door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph

Dynamic Stability Control (DSC+) comprising:

Anti-lock Braking System (ABS)
 Automatic Stability Control (ASC)
 Brake drying
 Brake fade compensation
 Brake pre-tensioning
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)
 Dynamic Traction Control (DTC)
 Electronic Brake-force Distribution (EBD)
 Hill-start assistant
 Soft stop

First-aid kit and warning triangle

Foglights, front and rear

GRAV – Complete front-end made from lightweight aluminium including bonnet and doors

Headlight wash

High level third brake light

630i, 635d and 650i Coupé and Convertible (cont)

Safety and technology (cont)

Incorrect fuelling protection system (635d)
 Lane departure warning system (635d & 650i)
 Luggage compartment with chauffeur key for secure valet parking, lockable
 On-Board Diagnosis (OBD)
 Park Distance Control (PDC), front and rear
 Rain sensor with automatic headlight activation
 Rollover protection system (Convertible only)
 Run-flat tyres with Tyre Puncture Warning System (TPWS)
 Seat belts, inertia reel at the front with pyrotechnical belt latch tensioner, belt force limiter and belt restrainer
 Seat belts – two with inertia-reel, rear
 Side impact protection
 Wheel bolts, locking
 Windows – heat-insulated, green tinted all round
 Xenon headlights for low and high beam

Seats

Child seat ISOFIX attachment, rear
 Dakota leather upholstery (with SunReflective Technology for Convertible only)
 Rear seat easy access system
 Seat adjustment – front, electric with driver memory
 Seat heating, front

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment, cathodic dip paintwork, preservation of hollow cavities, underfloor protection
 Chromeline exterior trim (Coupé only)
 Door sill finishers with BMW designation, chrome plated
 Exhaust tailpipes – polished stainless steel, left and right
 Exterior mirrors – aspheric, heated, electric adjustment, body-coloured
 Exterior parts in body colour including door handles and bumpers
 Fuel filler cap, linked to central locking

Exterior equipment (cont)

Indicator lenses, clear
 Kidney grille, chrome with black vertical slats (630i & 635d)
 Kidney grille, chrome with chrome vertical slats (650i)
 Luggage compartment with electric unlocking via the key's remote control
 Matt black exterior trim (Convertible only)
 Metallic paintwork
 Rear spoiler, precision moulded and integrated into lightweight bootlid
 Soft top - lined, retractable heated glass rear windscreen, fully automatic (Convertible only)
 Windscreen washer jets – heated, black gloss (Convertible only)
 Windscreen washer jets – heated, chrome (Coupé only)

Interior equipment

Air conditioning, automatic with extended features
 Armrest – front, centre with storage compartment and two stage height adjustment
 Courtesy lights, front and rear with soft on/off dimming
 Cup holder
 Electric window lifts – front, with open/close fingertip control, anti-trap facility and comfort closing function all round
 Floor mats
 Gear lever finished in Chrome Pearl gloss
 Glove compartment, illuminated and lockable
 Luggage compartment mat, reversible
 Oil temperature display
 Rear-view mirror, automatically dimming
 Ruthenium Metallic interior trim
 Securing rings in luggage compartment, two
 Smoker's package (can be deleted)
 Start/Stop button

Standard equipment

630i, 635d and 650i Coupé and Convertible (cont)

Interior equipment (cont)

- Steering column with electric reach and rake adjustment
- Storage compartments in interior door panels
- Storage net in boot
- Storage net in passenger footwell, front (can be deleted)
- Storage nets on seat backrests
- Three-spoke Sport multi-function leather steering wheel
- Toolkit

Audio and communication

- Auxiliary input point for auxiliary playing devices
- BMW Business radio with single CD player
- Control Display – 6.5" colour display screen
- Hi-Fi loudspeaker system
- iDrive Controller on centre console
- On-Board Computer (OBC) including:
 - Fuel consumption and range
 - Journey computer
 - Outside temperature display
 - Speed limit function
 - Stop watch
- Preparation for six CD changer

Sport models

Equipment in addition to base model (Coupé and Convertible)

- 19" light alloy Star-spoke style 218 with 245/40 R19 front and 275/35 R19 rear tyres
- Dark Birch wood interior trim, high-gloss
- High-gloss Shadowline exterior trim
- Individual Anthracite headlining
- Lumbar support, driver and front passenger
- Sport seats
- Three-spoke M Sport multi-function leather steering wheel

		Star-spoke style 117	V-spoke style 248
Wheel size	front/rear	7.5 J x 17 / 7.5 J x 17	8 J x 18 / 8 J x 18
Tyre size	front/rear	245/50 R17 / 245/50 R17	245/45 R18 / 245/45 R18
	option code	■	2KP
			
	630i	■	□
	635d	■	□
	650i	-	■

		Double-spoke style 266*	Ellipsoid-spoke style 121*
Wheel size	front/rear	8 J x 18 / 9 J x 18	8.5 J x 19 / 9 J x 19
Tyre size	front/rear	245/45 R18 / 275/40 R18	245/40 R19 / 275/35 R19
	option code	2BV	595
			
	630i	□	□
	635d	□	□
	650i	□	□

Key

■ = Standard

□ = Optional

- = Not available

*Snow chains cannot be fitted to these wheels

Wheels and tyres

		Star-spoke style 218*	Star-spoke style 249*
Wheel size	front/rear	8.5 J x 19 / 9 J x 19	8.5 J x 19 / 9 J x 19
Tyre size	front/rear	245/40 R19 / 275/35 R19	245/40 R19 / 275/35 R19
	option code	2C7	2SF**
			
	630i Sport	■	□
	635d Sport	■	□
	650i Sport	■	□

Key

■ = Standard

□ = Optional

- = Not available

*Snow chains cannot be fitted to these wheels

**Please note that this wheel has a forged appearance.

Option Name													
	code	630i Coupé	630i Sport Coupé	635d Coupé	635d Sport Coupé	650i Coupé	650i Sport Coupé	630i Convertible	630i Sport Convertible	635d Convertible	635d Sport Convertible	650i Convertible	650i Sport Convertible
Transmission													
Sports automatic transmission	2TB	□	□	■	■	□	□	□	□	■	■	□	□
Wheels and chassis													
Active steering (Not with 237)	217	□	□	□	□	□	□	□	□	□	□	□	□
Safety and technology													
Active Cruise Control with 'stop and go' function (Only with 2TB and 606/609)	5DF	□	□	□	□	□	□	□	□	□	□	□	□
Adaptive headlights	524	□	□	□	□	□	□	□	□	□	□	□	□
BMW Night Vision (Only with 609)	611	□	□	□	□	□	□	□	□	□	□	□	□
Cruise control with brake function	544	■	■	■	■	■	■	■	■	■	■	■	■
Dynamic Drive	229	□	□	□	□	□	□	□	□	□	□	□	□
Dynamic Drive package (Not with 217/229/2BV, not with Sport models)	237	□	-	□	-	□	-	□	-	□	-	□	-
Head-up Display (Not with 354, only with 609)	610	□	□	□	□	□	□	□	□	□	□	□	□
High-beam assistant	5AC	□	□	□	□	□	□	□	□	□	□	□	□
Lane departure warning system	5AD	□	□	■	■	■	■	□	□	■	■	■	■
Passenger airbag deactivation, front	5DA	■	■	■	■	■	■	■	■	■	■	■	■
Seats													
Lumbar support, driver and front passenger (Not with 481)	488	□	■	□	■	□	■	□	■	□	■	□	■
Seat heating, front	494	■	■	■	■	■	■	■	■	■	■	■	■
Sports seats – front, electric adjustment with driver memory (Not with 488)	481	□	■	□	■	□	■	□	■	□	■	□	■

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 Only with – these options must be ordered together
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 □ = Optional ■ = Standard – = Not Available

Optional equipment

Option Name	code	630i Coupé	630i Sport Coupé	635d Coupé	635d Sport Coupé	650i Coupé	650i Sport Coupé	630i Convertible	630i Sport Convertible	635d Convertible	635d Sport Convertible	650i Convertible	650i Sport Convertible
Exterior equipment													
Chromeline exterior trim	346	■	-	■	-	■	-	□	-	□	-	□	-
Comfort Access system	322	□	□	□	□	□	□	□	□	□	□	□	□
High-gloss Shadowline exterior trim	760	□	■	□	■	□	■	□	■	□	■	□	■
Model designation, deletion	320	□	□	□	□	□	□	□	□	□	□	□	□
Soft top, black	388	-	-	-	-	-	-	■	■	■	■	■	■
Soft top, grey	389	-	-	-	-	-	-	□	□	□	□	□	□
Wind deflector	387	-	-	-	-	-	-	□	□	□	□	□	□
Interior equipment													
BMW Individual Instrument panel, leather (Only with upholstery LE)	4M5	□	□	□	□	□	□	□	□	□	□	□	□
Climate comfort laminated glass (Not with 354)	356	□	□	□	□	□	□	□	□	□	□	□	□
Cup holder	442	■	■	■	■	■	■	■	■	■	■	■	■
Glass sunroof with tilt function, electric	403	□	□	□	□	□	□	-	-	-	-	-	-
Graduated tinted windscreen (Not with 356/610)	354	□	□	□	□	□	□	□	□	□	□	□	□
Individual Anthracite headlining	775	□	■	□	■	□	■	□	■	□	■	□	■
Interior lights package	563	□	□	□	□	□	□	□	□	□	□	□	□
Rear-view and folding exterior mirrors, automatically dimming	430	□	□	□	□	□	□	□	□	□	□	□	□
Ski bag	464	□	□	□	□	□	□	□	□	□	□	□	□
Smoker's package	441	■	■	■	■	■	■	■	■	■	■	■	■
Soft close doors	323	□	□	□	□	□	□	□	□	□	□	□	□
Storage net in passenger footwell, front	414	■	■	■	■	■	■	■	■	■	■	■	■
Universal remote control	319	□	□	□	□	□	□	□	□	□	□	□	□
Steering wheels													
Steering wheel heating	248	□	□	□	□	□	□	□	□	□	□	□	□

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

□ = Optional ■ = Standard - = Not Available

Option Name

Audio and communication

	code	630i Coupé	630i Sport Coupé	635d Coupé	635d Sport Coupé	650i Coupé	650i Sport Coupé	630i Convertible	630i Sport Convertible	635d Convertible	635d Sport Convertible	650i Convertible	650i Sport Convertible
Bluetooth telephone preparation (Not with 609)	644	<input type="checkbox"/>											
Bluetooth telephone preparation with telematics (Only with 609, 612 and 616)	633	<input type="checkbox"/>											
BMW ConnectedDrive - Assist (Only with 609, 616 and 633)	612	<input type="checkbox"/>											
BMW ConnectedDrive - Online (Only with 609, 612 and 633)	616	<input type="checkbox"/>											
BMW Individual Audio system (Only with 606/609)	752	<input type="checkbox"/>											
BMW Professional radio with single CD player (Not with 609)	663	<input type="checkbox"/>											
CD changer for six CDs	672	<input type="checkbox"/>											
DAB digital radio	654	<input type="checkbox"/>											
Hi-Fi loudspeaker system – LOGIC7 Professional	677	<input type="checkbox"/>											
Navigation system – Professional (Not with 644/663)	609	<input type="checkbox"/>											
TV function (Only with 609)	601	<input type="checkbox"/>											
USB interface	6FL	<input type="checkbox"/>											

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Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
6 Series Coupé [E63]	630i	M		■		■	
6 Series Coupé [E63]	630i	A				■	
6 Series Coupé [E63]	630i Sport	M		■		■	
6 Series Coupé [E63]	630i Sport	A				■	
6 Series Coupé [E63]	650i	M		■		■	
6 Series Coupé [E63]	650i	A				■	
6 Series Coupé [E63]	650i Sport	M		■		■	
6 Series Coupé [E63]	650i Sport	A				■	
6 Series Coupé [E63]	635d	A				■	■
6 Series Coupé [E63]	635d Sport	A				■	■
6 Series Convertible [E64]	630i	M		■		■	
6 Series Convertible [E64]	630i	A				■	
6 Series Convertible [E64]	630i Sport	M		■		■	
6 Series Convertible [E64]	630i Sport	A				■	
6 Series Convertible [E64]	650i	M		■		■	
6 Series Convertible [E64]	650i	A				■	
6 Series Convertible [E64]	650i Sport	M		■		■	
6 Series Convertible [E64]	650i Sport	A				■	
6 Series Convertible [E64]	635d	A				■	■
6 Series Convertible [E64]	635d Sport	A				■	■

Notes:

Active Aerodynamics not available in conjunction with options 217, Active steering, 541, Active Cruise Control, 229, Dynamic Drive, 611, Night Vision or 5DF, Active Cruise Control with 'stop and go' function

Key ■ = Standard

7 Series E65/66

The Flagship BMW 7 Series first entered production in 1977 and is now in its fourth-generation. Launched in 2001 the current model went through an LCI in 2005 bringing even more powerful and efficient engines, updated styling, improvements to the chassis, and impressive levels of equipment. The 7 Series combines impressive performance with innovative technology to deliver a luxury saloon that still offers the sporting dynamics you expect from a BMW. The 7 Series is also available in a long wheelbase version that offers unique comfort thanks to increased levels of interior space.

Performance and handling

- **Five powerful engine options** are available. One six-cylinder, two eight-cylinder and a twelve-cylinder petrol engine, and a six-cylinder turbocharged diesel variant. All come with a six-speed automatic transmission and each provides excellent performance.
- **Highly responsive driving experience.** The rear axle and track widths were increased at LCI, further enhancing handling.

Equipment and technology

- **First class technology**, much of which is offered as standard.
- **High levels of standard equipment** including Nappa leather upholstery, Seat adjustment - front, electric with driver memory, BMW ConnectedDrive, On-Board Computer, Control Display – 8.8" colour display screen, Bluetooth telephone preparation with telematics, Auxiliary input point for auxiliary playing devices and Voice Control.
- **High-quality equipment options** include independent rear telephone, Rear entertainment package and TV function.
- **Class leading active safety:** Standard safety features include Xenon headlights for low and high beam, High-beam assistant, Dynamic Stability Control (comprising: Anti-lock Braking System, Automatic Stability Control, Cornering Brake Control, Dynamic Brake Control, Dynamic Traction Control, Electronic Brake-force Distribution), Tyre Puncture Warning System, and child seat ISOFIX attachment, rear.



Competitors

Primary competitors

Mercedes-Benz S-Class
Audi A8
Jaguar XJ

Secondary competitors

Lexus LS 430
Volkswagen Phaeton

Competitor Comparison	BMW 730d SE	Audi A8 3.0TDI quattro SE	Mercedes S 320 CDI	Jaguar XJ 2.7D
Power output (hp)	231	233	235	204
0-62mph (seconds)	7.8	7.8	7.5	8.2
Top speed (mph)	148	150	155	141
Combined fuel consumption (mpg)	35.8	33.6	34.0	35.0
VED Band	F	F	F	F
CO ₂ (g/km)	210	224	220	214

Data Source: Competitor websites

■ = Best value in class.

Technical specifications

Engine	730i SE	730i Sport	730Li SE	740i	740i Sport	740Li
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	8 cylinder 32 valve	8 cylinder 32 valve	8 cylinder 32 valve
Capacity (cc)	2996	2996	2996	4000	4000	4000
Torque (Nm/rpm)	300/2500	300/2500	300/2500	390/3500	390/3500	390/3500
Power output (kW/hp)	190/258	190/258	190/258	225/306	225/306	225/306
Dimensions						
Length (mm)	5039	5039	5179	5039	5039	5179
Width* (mm)	1902 [2133]	1902 [2133]	1902 [2133]	1902 [2133]	1902 [2133]	1902 [2133]
Fuel tank capacity (litres)	88	88	88	88	88	88
Boot capacity (VDA method) (litres)	500	500	500	500	500	500
Wheels						
Wheels	Light alloy style 174 8 J x 18	Light alloy style 126M front 9 J x 19 rear 10 J x 19	Light alloy style 174 8 J x 18	Light alloy style 175 8 J x 18	Light alloy style 126M front 9 J x 19 rear 10 J x 19	Light alloy style 175 8 J x 18
Tyres	245/50 R18	245/45 R19 275/40 R19	245/50 R18	245/50 R18	245/45 R19 275/40 R19	245/50 R18
Towing						
Permitted trailer load unbraked (kg)	750	750	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 8%	2000	2000	2000	2100	2100	2100
Performance						
0-62 mph (sec)	7.8	7.8	7.9	6.8	6.8	6.9
Maximum speed (mph)	152	152	152	155**	155**	155**
Fuel consumption						
Urban (mpg / litres/100 km)	19.3/14.6	19.3/14.6	19.3/14.6	17.3/16.3	17.3/16.3	17.3/16.3
Extra-urban (mpg / litres/100 km)	37.7/7.5	37.7/7.5	37.7/7.5	34.4/8.2	34.4/8.2	34.4/8.2
Combined (mpg / litres/100 km)	28.0/10.1	28.0/10.1	28.0/10.1	25.2/11.2	25.2/11.2	25.2/11.2
CO ₂ emissions (g/km)	241	241	242	267	267	268
Emissions management	EU4	EU4	EU4	EU4	EU4	EU4
Insurance						
ABI Insurance group rating	18	18	18	19	19	19

Key * = Figures in [brackets] include mirrors
** = Electronically limited

Technical specifications

Engine	750i	750i Sport	750Li	760i	760Li
Engine	8 cylinder 32 valve	8 cylinder 32 valve	8 cylinder 32 valve	12 cylinder 48 valve	12 cylinder 48 valve
Capacity (cc)	4799	4799	4799	5972	5972
Torque (Nm/rpm)	490/3400	490/3400	490/3400	600/3950	600/3950
Power output (kW/hp)	270/367	270/367	270/367	327/445	327/445
Dimensions					
Length (mm)	5039	5039	5179	5039	5179
Width* (mm)	1902 [2133]	1902 [2133]	1902 [2133]	1902 [2133]	1902 [2133]
Fuel tank capacity (litres)	88	88	88	88	88
Boot capacity (VDA method) (litres)	500	500	500	500	500
Wheels					
Wheels	Light alloy style 175 8 J x 18	Light alloy style 126M front 9 J x 19 rear 10 J x 19	Light alloy style 175 8 J x 18	Light alloy style 91 8 J x 18	Light alloy style 91 8 J x 18
Tyres	245/50 R18	front 245/45 R19 rear 275/40 R19	245/50 R18	245/50 R18	245/50 R18
Towing					
Permitted trailer load unbraked (kg)	750	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 8%	2100	2100	2100	2100	2100
Performance					
0-62 mph (sec)	5.9	5.9	6.0	5.5	5.6
Maximum speed (mph)	155**	155**	155**	155**	155**
Fuel consumption					
Urban (mpg / litres/100 km)	16.7/16.9	16.7/16.9	16.7/16.9	13.6/20.7	13.6/20.7
Extra-urban (mpg / litres/100 km)	34.0/8.3	34.0/8.3	34.0/8.3	29.7/9.5	29.7/9.5
Combined (mpg / litres/100 km)	24.8/11.4	24.8/11.4	24.8/11.4	20.8/13.6	20.8/13.6
CO ₂ emissions (g/km)	271	271	272	327	327
Emissions management	EU4	EU4	EU4	EU4	EU4
Insurance					
ABI Insurance group rating	19	19	19	20	20

Key * = Figures in [brackets] include mirrors
 ** = Electronically limited

Technical specifications

Pricing	730d SE	730d Sport	730d SE Carbon Exclusive Edition	730d SE Stratus Exclusive Edition
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993	2993	2993
Torque (Nm/rpm)	520/2000	520/2000	520/2000	520/2000
Power output (kW/hp)	170/231	170/231	170/231	170/231
Dimensions				
Length (mm)	5039	5039	5039	5039
Width* (mm)	1902 [2133]	1902 [2133]	1902 [2133]	1902 [2133]
Fuel tank capacity (litres)	88	88	88	88
Boot capacity (VDA method) (litres)	500	500	500	500
Wheels				
Wheels	Light alloy style 174 8 J x 18	Light alloy style 126M front 9 J x 19 rear 10 J x 19	Light alloy style 231 front 9 J x 19 rear 10 J x 19	Light alloy style 231 front 9 J x 19 rear 10 J x 19
Tyres	245/50 R18	front 245/45 R19 rear 275/40 R19	front 245/45 R19 rear 275/40 R19	front 245/45 R19 rear 275/40 R19
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked (kg) on maximum gradient 8%	2100	2100	2100	2100
Performance				
0-62 mph (sec)	7.8	7.8	7.8	7.8
Maximum speed (mph)	148	148	148	148
Fuel consumption				
Urban (mpg / litres/100 km)	25.9/10.9	25.9/10.9	25.9/10.9	25.9/10.9
Extra-urban (mpg / litres/100 km)	45.6/6.2	45.6/6.2	45.6/6.2	45.6/6.2
Combined (mpg / litres/100 km)	35.8/7.9	35.8/7.9	35.8/7.9	35.8/7.9
CO ₂ emissions (g/km)	210	210	210	210
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

Key

() = Figures in brackets apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

Technical specifications

Engine	730Ld SE	730Ld SE Carbon Exclusive Edition	730Ld SE Stratus Exclusive Edition
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993	2993
Torque (Nm/rpm)	520/2000	520/2000	520/2000
Power output (kW/hp)	170/231	170/231	170/231
Dimensions			
Length (mm)	5179	5179	5179
Width* (mm)	1902 [2133]	1902 [2133]	1902 [2133]
Fuel tank capacity (litres)	88	88	88
Boot capacity (VDA method) (litres)	500	500	500
Wheels			
Wheels	Light alloy style 174 8 J x 18	Light alloy style 231 front 9 J x 19 rear 10 J x 19	Light alloy style 231 front 9 J x 19 rear 10 J x 19
Tyres	245/50 R18	front 245/45 R19 rear 275/40 R19	front 245/45 R19 rear 275/40 R19
Towing			
Permitted trailer load unbraked (kg)	750	750	750
Permitted trailer load braked (kg) on maximum gradient 8%	2100	2100	2100
Performance			
0-62 mph (sec)	7.9	7.9	7.9
Maximum speed (mph)	148	148	148
Fuel consumption			
Urban (mpg / litres/100 km)	25.7/11.0	25.7/11.0	25.7/11.0
Extra-urban (mpg / litres/100 km)	44.8/6.3	44.8/6.3	44.8/6.3
Combined (mpg / litres/100 km)	35.3/8.0	35.3/8.0	35.3/8.0
CO ₂ emissions (g/km)	212	212	212
Emissions management	EU4	EU4	EU4
Insurance			
ABI Insurance group rating	17	18	18

Key * = Figures in [brackets] include mirrors

Standard equipment

730i SE and 730d SE

Engine

Cylinder specific knock control
 Diesel Particulate Filter (DPF) for diesel models only
 Digital Motor Electronics (DME) for petrol models only
 Digital Diesel Electronics (DDE) for diesel models only
 Double-VANOS (petrol models only)
 Six-cylinder in-line engine with four-valve technology
 VALVETRONIC engine management (petrol models only)

Transmission

Six-speed automatic transmission with Steptronic

Wheels and chassis

18" light alloy Double-spoke style 174 with 245/50 R18 tyres
 Electromechanical parking brake with auto-hold function
 Servotronic power steering

Safety and technology

Airbags:

- Advanced Head Protection System (AHPS II), front and rear
- Airbags, front and rear sides
- Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting (tailored to specific product)
- Impact-Depending Airbag System (ID Airbags), driver and front passenger
- Passenger seat occupancy sensor, front

Alarm system (Thatcham 1) with remote control and engine immobiliser

Anti-roll bars, front and rear

Brake lights with LED technology

Cruise control, programmable

Deformation zones – front and rear with door reinforcements and bumpers that regenerate to their original shape in impacts of up to 4 mph

Dynamic Stability Control (DSC) comprising:

- Anti-lock Braking System (ABS)
- Automatic Stability Control (ASC)
- Cornering Brake Control (CBC)
- Dynamic Brake Control (DBC)
- Dynamic Traction Control (DTC)

Safety and technology (cont)

Electronic Brake-force Distribution (EBD)
 Engine Drag Torque Control (MSR)
 First Aid kit and warning triangle
 Foglights, front
 High-beam assistant
 Headlight wash
 On-Board Diagnosis (OBD)
 Park Distance Control (PDC), front and rear
 Rain sensor with automatic headlight activation
 Seat belt height adjustment on the B-pillar, automatic
 Seat belts – inertia reel at the front with pyrotechnical belt latch tensioner, belt force limiter and belt restrainer
 Seat belts – three with inertia reel, rear
 Side impact protection
 Tyre Puncture Warning System (TPWS)

Seats

Child seat ISOFIX attachment, rear
 Nasca leather upholstery
 Seat adjustment – front, electric with driver memory

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection
 Comfort exit stepless door brakes
 Exterior mirrors – aspheric, blue tinted, heated with electric adjustment
 Metallic paintwork
 Windscreen washer jets, heated
 Xenon headlights for low and high beam

Interior equipment

Air conditioning, automatic with extended features
 Armrests – front and rear, centre
 Battery in luggage compartment with jump start facility in engine bay
 Cup holders

Interior equipment (cont)

Electric windows – front and rear, with open/close fingertip control, anti-trap facility and comfort closing function all round
 Floor mats
 Four-spoke multi-function leather steering wheel
 Rear-view mirror, automatically dimming
 Smoker's package
 Steering column with automatic reach and rake adjustment
 Wood interior trim

Audio and communication

Auxiliary input point for auxiliary playing devices
 Bluetooth telephone preparation with telematics
 BMW ConnectedDrive
 BMW Professional radio with single CD player
 Control Display – 8.8" colour display screen
 iDrive Controller on centre console
 Loudspeaker system with six speakers
 Navigation system – Professional
 On-Board Computer (OBC) comprising:
 Average speed
 Fuel consumption (average and current) and range
 Information display – analogue instruments combined with liquid crystal display
 Journey computer
 Outside temperature display
 Twin tuner with RDS and TMC functionality
 Voice Control

730Li SE and 730Ld SE

Equipment in addition to 730i SE and 730d SE

Self-levelling air suspension at the rear
 Sunblind, rear windscreen

740i and 750i

Equipment in addition to 730i SE and 730d SE

18" light alloy Star-spoke style 175 wheels with 245/50 R18 tyres
 CD changer for six CDs
 Glass sunroof with sliding and tilt function, electric adjustment
 Hi-Fi loudspeaker system
 Lumbar support, driver and front passenger
 Seat heating, front
 Two stage intake system (DISA)
 V8 engine with four-valve technology

740Li and 750Li

Equipment in addition to 740i and 750i

Self-levelling air suspension at the rear
 Sunblind, rear windscreen

Standard equipment

760i and 760Li

Equipment in addition to 740i and 750i

18" light alloy Ten-spoke style 91 wheels with 245/50 R18 tyres
 Adaptive Ride package
 Alcantara headlining
 Bootlid operation, automatic
 Burr Walnut wood interior trim, high-gloss with patterned inlays
 Climate comfort laminated glass
 Comfort seats, front and rear
 Door sill finishers with illuminated chrome V12 designation
 Extended leather coverage for dashboard, door trims and centre console
 Hi-Fi loudspeaker system – LOGIC7 Professional
 Instrument panel finished in hand-stitched leather
 Rear-view and exterior mirrors, automatically dimming with fold-in function for exterior mirrors
 Roof grab handles in Nasca leather
 Self-levelling air suspension at the rear
 Soft Close Automatic (SCA) for doors
 Sunblinds – rear side windows and rear windscreen
 V12 engine with direct injection technology

730i/d Sport, 740i Sport, 750i Sport

Equipment in addition to 730i SE, 730d SE, 740i and 750i

19" light alloy V-spoke style 126 wheels with 245/45 R19 front and 275/40 R19 rear tyres
 High-gloss Shadowline exterior trim
 Sport seats in Pearl leather upholstery
 Sport suspension package (including Dynamic Drive)
 Three-spoke Sport leather steering wheel
 Vavona wood interior trim, matt

730d SE and 730Ld SE Carbon and Stratus Exclusive Edition models

Equipment in addition to 730d SE and 730Ld SE

19" light alloy Ten-spoke style 231 wheels with 245/45 R19 front and 275/40 R19 rear tyres
 Carbon Black paintwork (Carbon Exclusive Edition models only)
 Stratus Grey paintwork (Stratus Exclusive Edition models only)
 Gold Brown extended Merino leather upholstery (Carbon Exclusive Edition models only)
 Ecru extended Merino leather upholstery (Stratus Exclusive Edition models only)
 Piano Black interior trim (Carbon Exclusive Edition models only)
 Dark-grain Ash wood interior trim (Stratus Exclusive Edition models only)
 Bi-colour three-spoke Sport leather steering wheel to match leather upholstery
 Floor mats edged in corresponding interior upholstery colour
 Individual Anthracite headlining

		Double-spoke style 174	Star-spoke style 175
Wheel size	front/rear	8 J x 18	8 J x 18
Tyre size	front/rear	245/50 R18	245/50 R18
	option code	2BK	2C1
			
730i SE, 730Li SE, 730d SE, 730Ld SE		■	□
740i, 740Li, 750i, 750Li		□	■
760i, 760Li		□	□
730i Sport, 740i Sport, 750i Sport, 730d Sport		-	-

		Ten-spoke style 91	Radial-spoke style 176*
Wheel size	front/rear	8 J x 18	9 J x 19 / 10 J x 19
Tyre size	front/rear	245/50 R18	245/45 R19 / 275/40 R19
	option code	-	2RD
			
730i SE, 730Li SE, 730d SE, 730Ld SE		-	□
740i, 740Li, 750i, 750Li		-	□
760i, 760Li		■	□
730i Sport, 740i Sport, 750i Sport, 730d Sport		-	-
Exclusive Edition models		-	□

Key ■ = Standard □ = Optional -- = Not available
 *Snow chains cannot be fitted to these wheels

Wheels and tyres

		Star-spoke style 95*	V-spoke style 126M*
Wheel size	front/rear	9 J x 19 / 10 J x 19	9 J x 19 / 10 J x 19
Tyre size	front/rear	245/45 R19 / 275/40 R19	245/45 R19 / 275/40 R19
	option code	268	-
			
730i SE, 730Li SE, 740i, 740Li, 750i, 750Li, 730d SE, 730Ld SE		□	-
760i, 760Li		□	-
730i Sport, 740i Sport, 750i Sport, 730d Sport		□	■
Exclusive Edition models		□	-

		Ten-spoke style 231*	Y-spoke style 149*
Wheel size	front/rear	9 J x 19 / 10 J x 19	9 J x 20 / 10 J x 20
Tyre size	front/rear	245/45 R19 / 275/40 R19	245/40 R20 / 275/35 R20
	option code	2R6	2EA
			
730i SE, 730Li SE, 740i, 740Li, 750i, 750Li, 730d SE, 730Ld SE		-	□
760i, 760Li		-	□
730i Sport, 740i Sport, 750i Sport, 730d Sport		-	□
Exclusive Edition models		■	□

Key

■ = Standard

□ = Optional

- = Not available

*Snow chains cannot be fitted to these wheels

Option Name	code	730i SE	730i Sport	730Li SE	740i	740i Sport	740Li	750i	750i Sport	750Li	760i	760Li	730d SE	730d SE Carbon Exclusive Edition	730d SE Stratus Exclusive Edition	730d Sport	730Ld SE	730Ld SE Carbon Exclusive Edition	730Ld SE Stratus Exclusive Edition
Wheels and chassis																			
Adaptive Ride package	2VA	□	-	□	□	-	□	□	-	□	■	■	□	□	□	-	□	□	□
Self-levelling air suspension at the rear	220	□	-	■	□	-	■	□	-	■	■	■	□	□	□	-	■	■	■
Safety and technology																			
Active Cruise Control (ACC)	541	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Adaptive headlights	524	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
BMW Night Vision	611	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Seats																			
Active seats, front (Only with 456)	455	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Active seat ventilation, front (Not with U7/V7, includes 494 and 496)	453	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Active seat ventilation, rear (Not with U7/V7, only with 453 and 460)	454	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Comfort seats, front (Includes 488, not with V7)	456	□	□	□	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□
Comfort seats, rear	460	□	□	□	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□
Lumbar support, driver and front passenger	488	□	□	□	■	■	■	■	■	■	■	■	□	□	□	□	□	□	□
Seat heating, front	494	□	□	□	■	■	■	■	■	■	■	■	□	□	□	□	□	□	□
Seat heating, rear (Only with 494)	496	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Exterior equipment																			
Bootlid operation, automatic	316	□	□	□	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□
Comfort Access system	322	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
High-gloss Shadowline exterior trim (Only with 466 on Li/Ld models)	760	□	■	□	□	■	□	□	■	□	□	□	□	□	□	■	□	□	□
Model designation, deletion	320	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Rain channels, body-coloured	466	-	-	□	-	-	□	-	-	□	-	□	-	-	-	-	□	□	□
Towbar, detachable	235	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Interior equipment																			
Air conditioning, rear with cooling box (Not with 464, only with 403 and (415/416))	523	-	-	□	-	-	□	-	-	□	-	□	-	-	-	-	□	□	□
Climate comfort laminated glass (Includes 358, not with 357/761)	356	□	□	□	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□
Climate comfort windscreen (Not with 354/356)	358	□	□	□	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□
Glass sunroof with sliding and tilt function, electric adjustment	403	□	□	□	■	■	■	■	■	■	■	■	□	□	□	□	□	□	□
Graduated tinted windscreen (Not with 356/357/358)	354	□	□	□	□	□	□	□	□	□	-	-	□	□	□	□	□	□	□
Individual Anthracite Alcantara headlining	776	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

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Optional equipment

Option Name

Interior equipment (cont)

code	730i SE	730i Sport	730Li SE	740i	740i Sport	740Li	750i	750i Sport	750Li	760i	760Li	730d SE	730d SE Carbon Exclusive Edition	730d SE Stratus Exclusive Edition	730d Sport	730Ld SE	730Ld SE Carbon Exclusive Edition	730Ld SE Stratus Exclusive Edition
Individual Anthracite headlining	775	□	□	□	□	□	□	□	□	□	□	□	■	■	□	□	■	■
Individual sun protection glazing (Not with 356/357)	761	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Protective glass (Only with 358, Not with 354/356/761)	357	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Rear-view and exterior mirrors, automatically dimming	430	□	□	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□
Ski bag (Not with 523)	464	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Smoker's package, deletion	n/a	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Soft close doors	323	□	□	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□
Sunblind – rear windscreen, electric adjustment (Not with 416)	415	□	□	■	□	□	□	□	■	■	■	□	□	□	□	■	■	■
Sunblind – rear windscreen and rear side windows, electric adjustment (Includes 415)	416	□	□	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□
Universal remote control	319	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

Steering wheels

Steering wheel heating (Only with 494)	248	□	□	□	□	□	□	□	□	□	□	□	-	-	□	□	-	-
Three-spoke Sport leather steering wheel	255	□	■	□	□	■	□	□	■	□	□	□	■	■	■	□	■	■

Audio and communication

CD changer for six CDs	672	□	□	□	■	■	■	■	■	■	■	□	□	□	□	□	□	□
CD holder (Not with 651)	691	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
DAB digital radio	654	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Hi-Fi loudspeaker system	676	□	□	□	■	■	■	■	■	-	-	□	□	□	□	□	□	□
Hi-Fi loudspeaker system – LOGIC7 Professional	677	□	□	□	□	□	□	□	□	■	■	□	□	□	□	□	□	□
Independent rear telephone	6NA	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
MiniDisc player	651	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Rear entertainment package	Z5B	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
TV function	601	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

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X3 E83

The BMW X3 was launched in 2004 and received a lifecycle refresh in 2006, with new engine technology and changes to both the interior and exterior design of the car. X3 continues to offer practicality, modern design and exceptional technology within the Sports Activity Vehicle market.

Performance

- **Peak performance figures and excellent driving abilities** are provided by powerful straight six-cylinder engines, the 218hp 2.5-litre and 272hp 3.0-litre petrol engines, and 218hp 3.0-litre and 286hp twin turbo 3.0-litre diesel engines. A 177hp 2.0-litre diesel is also available.
- **Outstanding fuel consumption and emissions figures** as a result of BMW EfficientDynamics technologies.
- **High levels of agility, traction and safety in every situation** as a result of xDrive, BMW's intelligent four-wheel drive system, which actively varies the power distribution between the front and rear axles within a fraction of a second, without any intervention by the driver.
- **Handling is crisp** and more like that of a saloon than what you would expect from a 4x4.

Design

- **Versatile, spacious and flexible** the interior is both comfortable and functional, featuring a large load area, practical stowing solutions and a wealth of equipment options. The variety of load area configurations provides the versatility to address any cargo carrying task. The low loading sill further enhances usability.
- **Driver oriented cockpit** with ergonomic controls and switches.
- **The command driving position** provides a feeling of control and security, as well as excellent visibility.

Equipment and safety

- **First class safety standards** with active and passive safety systems including Dynamic Stability Control Plus (Includes: Anti-lock Braking System, Automatic Stability Control, Cornering Brake Control, Dynamic Brake Control, Hill Descent Control, Electronic Brake-force Distribution).
- **High levels of standard equipment** including 17" alloy wheels, Auxiliary input, and front and rear Park Distance Control and automatic air conditioning.
- **High levels of interior equipment options** including BMW ConnectedDrive, Bluetooth telephone preparation with telematics, Professional Navigation system and Voice Control.



Competitors

Primary competitors

Land Rover Freelander
Lexus RX350*

* only available with a 3.5-litre petrol engine

Secondary competitors

Land Rover Discovery
Toyota Rav4, Honda CR-V

Competitor Comparison	BMW X3 2.0d	Land Rover 2.2 TD4	Toyota Rav4 2.2 D - 4D	Honda CR-V 2.2 i_CTDi
Power output (hp)	177	160	136	140
0-62mph (seconds)	8.9	11.7	10.5	10.3
Top speed (mph)	128	112	112	116
Combined fuel consumption (mpg)	43.5	37.7	42.8	43.5
VED Band	E	F	E	E
CO ₂ (g/km)	172	194	173	173

Data Source: Competitor websites

■ = Best value in class.

Technical specifications

Engine	2.5si SE	2.5si M Sport	3.0si SE	3.0si M Sport
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2497	2497	2996	2996
Torque (Nm/rpm)	250/2750-4250	250/2750-4250	315/2750	315/2750
Power output (kW/hp)	160/218	160/218	200/272	200/272
Dimensions				
Length (mm)	4569	4569	4569	4569
Width* (mm)	1853 [1987]	1853 [1987]	1853 [1987]	1853 [1987]
Fuel tank capacity (litres)	67	67	67	67
Boot capacity (VDA method) (litres)	480-1560	480-1560	480-1560	480-1560
Wheels				
Wheels	Light alloy style 148 8J x 17	Light alloy style 192M front 8J x 18 rear 9J x 18	Light alloy style 148 8J x 17	Light alloy style 192M front 8J x 18 rear 9J x 18
Tyres	235/55 R17	front 235/50 R18 rear 255/45 R18	235/55 R17	front 235/50 R18 rear 255/45 R18
Towing				
Permitted trailer load unbraked (kg)	720	720	720	720
Permitted trailer load braked on max 12% gradient (kg)	1800	1800	2000	2000
Performance				
0-62 mph (sec)	8.5 (8.9)	8.5 (8.9)	(7.5)	(7.5)
Maximum speed (mph)	130	137	130	142
Fuel consumption				
Urban (mpg / litres/100 km)	22.1/12.8 (21.6/13.1)	22.1/12.8 (21.6/13.1)	(21.2/13.3)	(21.2/13.3)
Extra-urban (mpg / litres/100 km)	38.7/7.3 (38.2/7.4)	38.7/7.3 (38.2/7.4)	(37.2/7.6)	(37.2/7.6)
Combined (mpg / litres/100 km)	30.4/9.3 (29.7/9.5)	30.4/9.3 (29.7/9.5)	(29.1/9.7)	(29.1/9.7)
CO ₂ emissions (g/km)	224 (228)	224 (228)	(233)	(233)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

Key

() = Figures in (brackets) apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

Technical specifications

Engine	2.0d SE	2.0d M Sport
Engine	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995
Torque (Nm/rpm)	350/1750-3000	350/1750-3000
Power output (kW/hp)	130/177	130/177
Dimensions		
Length (mm)	4569	4569
Width* (mm)	1853 [1987]	1853 [1987]
Fuel tank capacity (litres)	67	67
Boot capacity (VDA method) (litres)	480-1560	480-1560
Wheels		
Wheels	Light alloy style 148 8J x 17	Light alloy style 192M front 8J x 18 rear 9J x 18
Tyres	235/55 R17	front 235/50 R18 rear 255/45 R18
Towing		
Permitted trailer load unbraked (kg)	720	720
Permitted trailer load braked on max 12% gradient (kg)	1800 (2000)	1800 (2000)
Performance		
0-62 mph (sec)	8.9 (9.2)	8.9 (9.2)
Maximum speed (mph)	128 (127)	128 (127)
Fuel consumption		
Urban (mpg / litres/100 km)	34.4/8.2 (34.0/8.3)	34.4/8.2 (34.0/8.3)
Extra-urban (mpg / litres/100 km)	51.4/5.5 (48.7/5.8)	51.4/5.5 (48.7/5.8)
Combined (mpg / litres/100 km)	43.5/6.5 (42.2/6.7)	43.5/6.5 (42.2/6.7)
CO ₂ emissions (g/km)	172 (178)	172 (178)
Emissions management	EU4	EU4
Insurance		
ABI Insurance group rating	16	16

Key

() = Figures in (brackets) apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

Technical specifications

Engine	3.0d SE	3.0d M Sport	3.0sd SE	3.0sd M Sport
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993	2993	2993
Torque (Nm/rpm)	500/1750-2750	500/1750-2750	580/1750-2250	580/1750-2250
Power output (kW/hp)	160/218	160/218	210/286	210/286
Dimensions				
Length (mm)	4569	4569	4569	4569
Width* (mm)	1853 [1987]	1853 [1987]	1853 [1987]	1853 [1987]
Fuel tank capacity (litres)	67	67	67	67
Boot capacity (VDA method) (litres)	480-1560	480-1560	480-1560	480-1560
Wheels				
Wheels	Light alloy style 148 8J x 17	Light alloy style 192M front 8J x 18 rear 9J x 18	Light alloy style 205 8J x 18	Light alloy style 192M front 8J x 18 rear 9J x 18
Tyres	235/55 R17	front 235/50 R18 rear 255/45 R18	235/50 R18	front 235/50 R18 rear 255/45 R18
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked on max 12% gradient (kg)	2000	2000	2000	2000
Performance				
0-62 mph (sec)	7.4 (7.7)	7.4 (7.7)	(6.4)	(6.4)
Maximum speed (mph)	130	137	(149)	(149)
Fuel consumption				
Urban (mpg / litres/100 km)	29.1/9.7 (28.5/9.9)	29.1/9.7 (28.5/9.9)	(29.1/9.7)	(29.1/9.7)
Extra-urban (mpg / litres/100 km)	47.1/6.0 (44.1/6.4)	47.1/6.0 (44.1/6.4)	(42.2/6.7)	(42.2/6.7)
Combined (mpg / litres/100 km)	38.2/7.4 (36.7/7.7)	38.2/7.4 (36.7/7.7)	(36.2/7.8)	(36.2/7.8)
CO ₂ emissions (g/km)	196 (206)	196 (206)	(208)	(208)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

Key () = Figures in (brackets) apply to cars with automatic transmission
 * = Figures in [brackets] include mirrors

X3 2.0d SE

Engine

Catalytic converter, diesel
 Diesel Particulate Filter (DPF)
 Digital Diesel Electronics (DDE)
 EU4 emissions management
 Four-cylinder in-line diesel engine with common-rail technology
 Iron engine block and light alloy cylinder head

Transmission

Six-speed manual transmission
 xDrive four-wheel-drive system with fully-variable torque split

Wheels and chassis

17" light alloy Double-spoke style 148 with 235/55 R17 tyres
 Disc brakes, front and rear, inner-vented
 Power-assisted steering
 Space-saving spare wheel

Safety and technology

Airbags:
 Airbags – driver and passenger, front and side
 Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting
 ITS head airbags, front and rear
 Passenger airbag deactivation, front
 Alarm system (Thatcham 1) with remote control and engine immobiliser
 Anti-roll bars, front and rear
 Anti-whiplash head restraints, front
 Brake Force Display
 Cruise control
 Deformation zones – front and rear with door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph
 Dynamic Stability Control Plus (DSC+) comprising:
 Anti-lock Braking System (ABS)
 Automatic Differential Brake (ADB-X)
 Automatic Stability Control (ASC-X)
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)

Safety and technology (cont)

Electronic Brake-force Distribution (EBD)
 Engine Drag Torque Control (MSR)
 Hill Descent Control (HDC)
 Hill-start assistant
 First Aid kit and warning triangle
 Foglights, front and rear
 Headlight height adjustment, electric
 Head restraints – front and rear, height adjustable and tilt adjustable at front
 High level third brake light
 Incorrect fuelling protection system (diesel models only)
 Park Distance Control (PDC), front and rear
 Rain sensor with automatic headlight activation
 Seat belts – inertia reel at the front with pyrotechnic belt latch tensioner and height adjustment
 Seat belts – three with inertia reel, rear
 Side impact protection
 Tyre Puncture Warning System (TPWS)
 Wheel bolts, locking

Seats

Child seat ISOFIX attachments, front and rear
 Standard seats, manual adjustment
 Twill cloth upholstery
 60:40 split-folding rear seat

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip painting, preservation of hollow cavities, underfloor protection
 Door handles, rain channel and roof moulding, body-coloured
 Exhaust tailpipe – single, stainless steel
 Exterior mirrors – aspheric, tinted, heated, electric adjustment and body-coloured
 Indicator lenses, clear
 Kidney grille, chrome with black vertical slats
 Roof rails, black

Standard equipment

X3 2.0d SE (cont)

Interior equipment

Air conditioning, automatic
 Armrest – front, with storage compartment
 Battery in luggage compartment with jump start facility in engine bay
 Boot space illumination
 Courtesy lights, front and rear, with soft on/off dimming
 Cup holders, front and rear
 Door sill finishers in aluminium with BMW designation, front
 Electric windows – front and rear, with open/close fingertip control, anti-trap facility and comfort closing function all round
 Floor mats in velour, colour co-ordinated and tailored to each footwell
 Footwell lights, front
 Glove compartment, lockable and illuminated
 Grab handles – four with damped folding action and coat hooks in rear
 Handbrake lever, gear lever knob and gaiters in leather
 Instrument binnacle with speedometer, tachometer, fuel level and coolant temperature
 Luggage compartment cover, retractable and removable
 Matt Titanium interior trim
 Power sockets, twin 12V in luggage compartment
 Reading lights, front and rear
 Rear-view mirror, automatically dimming
 Smoker's package
 Steering column with manual reach and rake adjustment
 Storage compartments in centre console and front interior door panels
 Sun visors with illuminated vanity mirrors
 Three-spoke multi-function leather steering wheel
 Toolkit located under boot floor
 Windows – heat-insulated, green-tinted all round

Audio and communication

Auxiliary input for auxiliary playing devices
 BMW Business radio with single CD player (with MP3 playback capability)
 Loudspeaker system with six speakers
 On-Board Computer (OBC) comprising:
 Average speed
 Fuel consumption (average) and range
 Outside temperature display
 Preparation for six CD changer

X3 2.5si SE

Equipment in addition/replacement to 2.0d SE

Catalytic converter
 Chrome to lower side windows
 Cylinder specific knock control
 Digital Motor Electronics (DME)
 Double-VANOS
 Exhaust tailpipes – twin, chrome
 Headlight wash
 Kidney grille, chrome with graphite vertical slats
 Light alloy engine block and cylinder head
 Six-cylinder in-line engine with four-valve technology
 Three-spoke Sport multi-function leather steering wheel
 VALVETRONIC engine management

X3 3.0si SE

Equipment in addition/replacement to 2.5si SE

Six-speed automatic transmission with Steptronic
 Metallic paintwork

X3 3.0d SE

Equipment in addition/replacement to 3.0si SE

- Catalytic converter, diesel
- Diesel particulate filter
- Digital Diesel Electronics (DDE)
- Incorrect fuelling protection system (diesel models only)
- Iron engine block and light alloy cylinder head
- Six-speed manual transmission

X3 3.0sd SE

Equipment in addition/replacement to 3.0d SE

- 18" light alloy Double-spoke style 205 with 235/50 R18 tyres
- Exhaust tailpipes – twin, chrome with larger diameter
- Kidney grille, chrome with titan vertical slats
- Pedals – stainless steel
- Rear bumper lower valance re-profiled
- Six-speed automatic transmission with Steptronic
- Twin turbocharger, in-line
- Upgraded front brakes, larger diameter and thicker discs

All M Sport models

Equipment in addition/replacement to SE models

- 18" light alloy M Double-spoke style 192M with 235/50 R18 front, 255/45 R18 rear tyres
- Door sill finishers with M designation
- High-gloss Shadowline exterior trim
- Individual Anthracite headlining
- M Aerodynamic package
- M Leather gear lever
- Sport seats, front
- Sport suspension
- Three-spoke M Sport multi-function leather steering wheel

Wheels and tyres

		Star-spoke style 204	Double-spoke style 112
Wheel size	front/rear	8 J x 17	8 J x 17
Tyre size	front/rear	235/55 R17	235/55 R17
	option code	2R5	2BD
			
2.0d SE, 2.5si SE, 3.0si SE, 3.0d SE		□	□
	3.0sd SE	-	-
	All M Sport models	-	-

		Double-spoke style 148	Double-spoke style 205*
Wheel size	front/rear	8 J x 17	8 J x 18
Tyre size	front/rear	235/55 R17	235/50 R18
	option code	2BE	2BP
			
2.0d SE, 2.5si SE, 3.0si SE, 3.0d SE		■	□
	3.0sd SE	-	■
	All M Sport models	-	-

Key ■ = Standard □ = Optional - = Not available
 *Snow chains cannot be fitted to these wheels

		Star-spoke style 143*	V-spoke style 206*
Wheel size	front/rear	8 J x 18	8 J x 18 / 9 J x 18
Tyre size	front/rear	235/50 R18	235/50 R18 / 255/45 R18
	option code	2CK	2KK
			
	All SE models	■**	□***
	All M Sport models	-	-

		M Double-spoke style 192M*	M Y-spoke style 191M*
Wheel size	front/rear	8 J x 18 / 9 J x 18	8.5 J x 19 / 9 J x 19
Tyre size	front/rear	235/50 R18 / 255/45 R18	235/45 R19 / 255/40 R19
	option code	2ML	2MM
			
	All SE models	-	-
	All M Sport models	■	□

Key

■ = Standard □ = Optional - = Not available

* Snow chains cannot be fitted to these wheels

** Standard only on SE models where 7RR, Dynamic Package is specified

*** Optional only on SE models where 7RR, Dynamic Package is specified

Optional equipment

Option Name											
	code	2.0d SE	2.0d M Sport	2.5si SE	2.5si M Sport	3.0si SE	3.0si M Sport	3.0d SE	3.0d M Sport	3.0sd SE	3.0sd M Sport
Transmission											
Automatic transmission	205	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wheels and chassis											
Servotronic power steering	216	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sports suspension (Included in 7RR)	226	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Safety and technology											
Adaptive headlights (Only with 522)	524	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Airbags, side rear	261	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Headlight wash (Included in 522)	502	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Xenon headlights for low and high beam	522	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seats											
Lumbar support, driver and front passenger	488	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seat adjustment – front, electric with driver memory	459	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seat heating, front	494	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seat heating, rear (Only with 494)	496	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sports seats, front (Included in 7RR)	481	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Exterior equipment											
Aluminium running boards	328	<input type="checkbox"/>	-	<input type="checkbox"/>	-	<input type="checkbox"/>	-	<input type="checkbox"/>	-	<input type="checkbox"/>	-
High-gloss Shadowline exterior trim	760	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Model designation, deletion	320	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Towbar with removable ball head	235	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interior equipment											
Adaptive Fixing System (Only with 493)	4UP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Climate comfort windscreen	358	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enhanced lighting	563	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enhanced storage	493	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Folding exterior mirrors, automatically dimming	430	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Graduated tinted windscreen (Included in 358)	354	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

= Optional = Standard - = Not Available

Optional equipment

Option Name											
	code	2.0d SE	2.0d M Sport	2.5si SE	2.5si M Sport	3.0si SE	3.0si M Sport	3.0d SE	3.0d M Sport	3.0sd SE	3.0sd M Sport
Interior equipment (cont)											
Individual Anthracite headlining	775	☐	■	☐	■	☐	■	☐	■	☐	■
Interior mirror with compass function	4NA	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Luggage compartment net	413	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Panoramic glass sunroof with sliding and tilt function, electric adjustment	402	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Ski bag	464	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Sun protection glazing	761	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Universal remote control	319	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Steering wheels											
Steering wheel heating	248	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Three-spoke multi-function sports leather steering wheel (Included in 7RR)	255	☐	-	■	-	■	-	■	-	■	-
Audio and communication											
Bluetooth telephone preparation (Not with 609 / ZXM)	644	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Bluetooth telephone preparation with telematics (Included in ZXM, only with 609 and 612)	633	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
BMW ConnectedDrive – Assist (Included in ZXM, only with 609 and 633)	612	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CD changer for six CDs (Included in ZXM)	672	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Preparation for Rear seat Advanced DVD entertainment system	6FA	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hi-Fi loudspeaker system	676	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hi-Fi loudspeaker system – Professional	677	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Navigation system – Professional (Included in ZXM, not with 644)	609	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
TV function (Only with 609 / ZXM)	601	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Voice Control (Only with 633 / 644 / ZXM)	620	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Packages											
Dynamic Package	7RR	☐	-	☐	-	☐	-	☐	-	☐	-
Media Package	ZXM	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or'
 ☐ = Optional ■ = Standard - = Not Available

EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
X3 [E83]	X3 2.5si SE	M					■
X3 [E83]	X3 2.5si SE	A					■
X3 [E83]	X3 2.5si M Sport	M					
X3 [E83]	X3 2.5si M Sport	A					
X3 [E83]	X3 3.0si SE	A					■
X3 [E83]	X3 3.0si M Sport	A					
X3 [E83]	X3 2.0d SE	M					■
X3 [E83]	X3 2.0d SE	A					■
X3 [E83]	X3 2.0d M Sport	M					
X3 [E83]	X3 2.0d M Sport	A					
X3 [E83]	X3 3.0d SE	M					■
X3 [E83]	X3 3.0d SE	A					■
X3 [E83]	X3 3.0d M Sport	M					
X3 [E83]	X3 3.0d M Sport	A					
X3 [E83]	X3 3.0sd SE	A					
X3 [E83]	X3 3.0sd M Sport	A					

Key

■ = Standard

X5 E70

In 2000 BMW created a new segment in the market when it launched the first Sports Activity Vehicle, the X5 (E53). Showing unprecedented success it went quickly to the top of the sector sales charts where it remained, inspiring competitors such as Porsche, Volkswagen and Audi to also launch cars into this segment. The second-generation X5 launched in 2007 and took the success of its predecessor to a new level. Peerless driving dynamics, advanced technology and a luxurious yet contemporary design ensure a driving experience that is second to none.

Performance handling and economy

- **Powerful and highly efficient engines.** The 4.8-litre V8 petrol, 3.0-litre straight-six petrol and two diesel engines, including the twin turbo 3.0-litre, deliver exceptional power and yet are highly economical.
- **Easier, faster and smoother gear changes** with the standard six-speed automatic gearbox.
- **Better fuel economy and lower emissions figures than the competition** due to BMW EfficientDynamics technologies.
- **High levels of agility, traction and safety in every situation** as a result of xDrive, BMW's intelligent four-wheel drive system, which actively varies the power distribution between the front and rear axles within a fraction of a second, without any intervention by the driver.

Design

- **Classic BMW elements** are clearly recognisable with short overhangs and a long wheelbase giving additional stability and a confident appearance.
- **Interior space, comfort and luxury.** With both a sporty look and feel, excellent visibility and a luxurious yet practical dashboard and cockpit, the X5 combines generous space and comfort for its driver and passengers in a stylish package.
- **The command driving position** provides a feeling of control and safety, as well as excellent visibility.
- **Substantial storage** of up to 1750 litres is easily accessible through the split tailgate and features a spacious storage compartment under the cargo platform on cars with five-seat configuration.
- **Optional Third Row Seating**, with an easy entry function, provides additional seating for passengers up to 5ft 6". The seats may be folded away to accommodate additional luggage if required.

Equipment

- **High levels of standard equipment and best in class entertainment** including; iDrive with eight 'favourite' buttons, Professional radio with CD player, Automatic air conditioning, Run-flat tyres with Tyre Puncture Warning System and front and rear Park Distance Control.
- **Wide range of equipment options** such as Active steering, Adaptive Drive, Head-up Display, Adaptive headlights and reversing-assist camera.



Competitors

Primary competitors

Audi Q7
Mercedes-Benz M-Class

Secondary competitors

Volvo XC90
Volkswagen Toureg

Competitor Comparison	BMW X5 3.0d	Mercedes M-Class 320CDi	Audi Q7 3.0 TDi	Volvo XC90 D5	Volkswagen Toureg 3.0 V6 TDi
Power output (hp)	235	224	236	185	222
0-62mph (seconds)	8.1	8.6	8.5	10.9	9.2
Top speed (mph)	130	134	134	121	125
Combined fuel consumption (mpg)	34.9	29.4	28.8	34.0	26.9
VED Band	F	G	G	F	G
CO ₂ (g/km)	214	254	260	219	278

Data Source: Competitor websites

■ = Best value in class.

Did you know?

Both 3.0-litre diesel models are in VED band F and fall into the £8.00 bracket for the emissions-based London Congestion Charge, which comes into effect from the 27th October 2008.

Technical specifications

Engine	3.0si SE	3.0si M Sport	4.8i SE	4.8i M Sport
Engine	6 cylinder 24 valve	6 cylinder 24 valve	8 cylinder 32 valve	8 cylinder 32 valve
Capacity (cc)	2996	2996	4799	4799
Torque (Nm/rpm)	315/2750	315/2750	475/3400-3800	475/3400-3800
Power output (kW/hp)	200/272	200/272	261/355	261/355
Dimensions				
Length (mm)	4854	4854	4854	4854
Width* (mm)	1933 [2197]	1933 [2197]	1933 [2197]	1933 [2197]
Fuel tank capacity (litres)	85	85	85	85
Boot capacity (VDA method) (litres)	620-1750	620-1750	620-1750	620-1750
Wheels				
Wheels	Light alloy style 209 8.5J x 18	Light alloy style 223M front 9J x 19 rear 10J x 19	Light alloy style 210 8.5J x 18	Light alloy style 223M front 9J x 19 rear 10J x 19
Tyres	255/55 R18	front 255/50 R19 rear 285/45 R19	255/55 R18	front 255/50 R19 rear 285/45 R19
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked on max 12% gradient (kg)	2700	2700	2700**	2700**
Performance				
0-62 mph (sec)	8.1	8.1	6.5	6.5
Maximum speed*** (mph)	130 (140)	140	149 (152)	152
Fuel consumption				
Urban (mpg / litres/100 km)	20.6/13.7	20.6/13.7	16.7/16.9	16.7/16.9
Extra-urban (mpg / litres/100 km)	34.4/8.2	34.4/8.2	30.7/9.2	30.7/9.2
Combined (mpg / litres/100 km)	27.7/10.2	27.7/10.2	23.5/12.0	23.5/12.0
CO ₂ emissions (g/km)	244	244	286	286
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	18	19	19

Key

* = Figures in [brackets] include mirrors

** = Can be increased to 3500kg with option 233, Increased towing capacity

*** = Figures in (brackets) for models fitted with option 330, Dynamic package

Technical specifications

Engine	3.0d SE	3.0d M Sport	3.0sd SE	3.0sd M Sport
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2993	2993	2993	2993
Torque (Nm/rpm)	520/2000-2750	520/2000-2750	580/1750-2250	580/1750-2250
Power output (kW/hp)	173/235	173/235	210/286	210/286
Dimensions				
Length (mm)	4854	4854	4854	4854
Width* (mm)	1933 [2197]	1933 [2197]	1933 [2197]	1933 [2197]
Fuel tank capacity (litres)	85	85	85	85
Boot capacity (VDA method) (litres)	620-1750	620-1750	620-1750	620-1750
Wheels				
Wheels	Light alloy style 209 8.5J x 18	Light alloy style 223M front 9J x 19 rear 10J x 19	Light alloy style 209 8.5J x 18	Light alloy style 223M front 9J x 19 rear 10J x 19
Tyres	255/55 R18	front 255/50 R19 rear 285/45 R19	255/55 R18	front 255/50 R19 rear 285/45 R19
Towing				
Permitted trailer load unbraked (kg)	750	750	750	750
Permitted trailer load braked on max 12% gradient (kg)	2700**	2700**	2700**	2700**
Performance				
0-62 mph (sec)	8.1	8.1	7.0	7.0
Maximum speed*** (mph)	130 (134)	134	146	146
Fuel consumption				
Urban (mpg / litres/100 km)	27.7/10.2	27.7/10.2	27.4/10.3	27.4/10.3
Extra-urban (mpg / litres/100 km)	40.9/6.9	40.9/6.9	40.4/7.0	40.4/7.0
Combined (mpg / litres/100 km)	34.9/8.1	34.9/8.1	34.4/8.2	34.4/8.2
CO ₂ emissions (g/km)	214	214	216	216
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	18	18

Key

* = Figures in [brackets] include mirrors

** = Can be increased to 3500kg with option 233, Increased towing capacity

*** = Figures in (brackets) for models fitted with option 330, Dynamic package

Standard equipment

X5 3.0si SE

Engine

Catalytic converter
 Digital Motor Electronics (DME)
 Double-VANOS
 EU4 emissions management
 Light alloy engine block and cylinder head
 Six-cylinder in-line engine with four-valve technology
 VALVETRONIC engine management

Transmission

Six-speed automatic transmission with electronic gear selector and Steptronic
 xDrive four-wheel-drive system with fully-variable torque split

Wheels and chassis

18" light alloy Star-spoke style 209 with 255/55 R18 tyres
 Disc brakes – front and rear, inner-vented
 Double-wishbone front axle
 Electromechanical parking brake with auto-hold function
 Power-assisted steering
 Self-levelling air suspension, rear

Safety and technology

Airbags:
 Airbags – driver and front passenger, front and side
 Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting
 ITS head airbags, first and second seat rows
 Passenger airbag deactivation, front
 Passenger seat occupancy sensor, front
 Alarm system (Thatcham 1) with remote control and engine immobiliser
 Anti-roll bars, front and rear
 Anti-whiplash head restraints, front
 Brake Force Display
 Child locking system, rear doors
 Cruise control with brake function
 Deformation zones – front and rear with door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph

Safety and technology (cont)

Dynamic Stability Control Plus (DSC+) comprising:
 Anti-lock Braking System (ABS)
 Automatic Differential Brake (ADB-X)
 Automatic Stability Control (ASC-X)
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)
 Dynamic Traction Control (DTC)
 Electronic Brake-force Distribution (EBD)
 Hill Descent Control (HDC)
 Hill-start assistant
 First Aid kit and warning triangle
 Foglights, front and rear
 Follow-me-home headlight function (time adjustable)
 Halogen headlights with headlight wash
 Headlight height adjustment
 Head restraints front and rear, height adjustable and removable (and tilt adjustable in front)
 High-level third brake light
 Park Distance Control (PDC), front and rear
 Rain sensor with automatic headlight activation
 Run-flat tyres with Tyre Puncture Warning System (TPWS)
 Seat belts – inertia reel at the front with pyrotechnic belt latch tensioner, belt force limiter, belt restrainer and height adjustment
 Seat belts – three, with inertia reel, rear
 Side impact protection
 Visible VIN
 Wheel bolts, locking

Seats

60:40 split-folding rear seat
 Child seat ISOFIX attachments, two in rear
 Seat adjustment – front, part-electric
 Twill cloth upholstery

X5 3.0si SE (cont)

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection

Door exit lights

Door handles, rain channel and roof moulding, body-coloured

Downlights in exterior door handles

Exhaust tailpipes – round, chrome, left and right

Exterior mirrors – aspheric, tinted, heated, electric adjustment and part-body-coloured

Indicator lenses, clear

Kidney grille, chrome with black vertical slats

Metallic paintwork

Roof rails, matt black

Side windows surrounds, matt black

Split tailgate, top section with remote electric release and soft close function

Wash wipe system, rear

Windscreen washer jets, heated

Interior equipment

Air conditioning, automatic

Armrest – front, with storage compartment

Cup holders, front and rear

Dark Walnut wood interior trim

Electric windows – front and rear, with open/close fingertip control, anti-trap facility and comfort opening/closing function all round

Floor mats in velour, colour co-ordinated and tailored to each footwell

Footwell lights, front and rear

Glove compartment, centrally-locked and illuminated

Illumination in interior door handle areas

Instrument binnacle with speedometer, tachometer, fuel level and consumption

Lashing eyes, four in luggage compartment

Lights-on warning

Luggage compartment cover, retractable and removable

Power socket, one in luggage compartment

Interior equipment (cont)

Reading lights, front and rear

Rear-view mirror, automatically dimming

Smoker's package

Start/Stop button

Steering column with manual reach and rake adjustment

Storage compartments in interior door panels with anti-slip mats

Sun visors with illuminated vanity mirrors

Three-spoke multi-function leather steering wheel

Toolkit located in luggage compartment

Windows – heat-insulated, green-tinted all round

Audio and communication

Auxiliary input point for auxiliary playing devices

BMW Professional twin tuner radio with single CD player (with MP3 CD playback capability)

Control Display – 6.5" colour display screen

iDrive Controller on centre console with eight Favourite buttons

Loudspeaker system with six speakers

On-Board Computer (OBC)

Preparation for six CD changer



Standard equipment

X5 3.0d SE

Equipment in addition/replacement to 3.0si SE

Diesel Particulate Filter (DPF)
 Digital Diesel Electronics (DDE)
 Incorrect fuelling protection system (diesel models only)
 Six-cylinder in-line diesel engine with common-rail technology
 Turbocharger with variable turbine geometry

X5 3.0sd SE

Equipment in addition/replacement to 3.0si SE

Diesel Particulate Filter (DPF)
 Digital Diesel Electronics (DDE)
 Incorrect fuelling protection system (diesel models only)
 Kidney grille, chrome with titanium vertical slats
 Six-cylinder in-line diesel engine with common-rail technology
 Twin turbocharger with variable turbine geometry
 Uprated brakes all round, larger diameter and thicker discs

X5 4.8i SE

Equipment in addition/replacement to 3.0si SE

18" light alloy Star-spoke style 210 with 255/55 R18 tyres
 Exhaust tailpipes – oval, chrome, left and right
 Kidney grille, chrome with titanium vertical slats
 Nevada leather upholstery
 Seat adjustment – front, fully-electric with driver memory
 Side window surrounds, chrome
 Uprated brakes all round, larger diameter and thicker discs
 V8 engine with four-valve technology
 Xenon headlights for low and high beam, with automatic height adjustment

M Sport models

Equipment in addition/replacement to respective SE model

19" light alloy M V-spoke style 223M with 255/50 R19 front, 285/45 R19 rear tyres
 Brushed Aluminium interior trim (Dark Walnut on 4.8i M Sport)
 Individual Anthracite headlining
 M Aerodynamic bodystyling (bumpers front and rear, wheel arch trims, sills, rubbing strips – all in body colour)
 M leather steering wheel
 Nevada leather upholstery
 Roof rails, High-gloss Shadowline
 Seat adjustment – front, fully-electric with driver memory
 Side window surrounds, matt aluminium
 Sport seats, front
 Sport suspension

		Star-spoke style 209	Star-spoke style 210
Wheel size	front/rear	8.5J x 18	8.5J x 18
Tyre size	front/rear	255/55 R18	255/55 R18
	option code	2C9	2RX
			
3.0si SE, 3.0d SE, 3.0sd SE		■	□
4.8i SE		-	■
All M Sport models		-	-

		Y-spoke style 211	Star-spoke style 212
Wheel size	front/rear	9J x 19	9J x 19
Tyre size	front/rear	255/50 R19	255/50 R19
	option code	2LD	2RY
			
3.0si SE, 3.0d SE, 3.0sd SE		□	□
4.8i SE		□	□
All M Sport models		-	-

Key ■ = Standard □ = Optional - = Not available

Wheels and tyres

		Star-spoke style 213*	Y-spoke style 214*
Wheel size	front/rear	9J x 19 / 10J x 19	10J x 20 / 11J x 20
Tyre size	front/rear	255/50 R19 / 285/45 R19	275/40 R20 / 315/35 R20
	option code	2RZ	2LE
			
	All SE models	■**	□***
	All M Sport models	-	-

		M V-spoke style 223M*	M V-spoke style 227M*
Wheel size	front/rear	9J x 19 / 10J x 19	10J x 20 / 11J x 20
Tyre size	front/rear	255/50 R19 / 285/45 R19	275/40 R20 / 315/35 R20
	option code	2M5	2M9
			
	All SE models	-	-
	All M Sport models	■	□

Key

■ = Standard □ = Optional - = Not available

* Snow chains cannot be fitted to these wheels

** Standard only on SE models where option 330 (Dynamic Package) is specified

*** Optional only on SE models where option 330 (Dynamic Package) is specified

Optional equipment

Option Name									
	code	3.0si SE	3.0si M Sport	4.8i SE	4.8i M Sport	3.0d SE	3.0d M Sport	3.0sd SE	3.0sd M Sport
Wheels and chassis									
Active steering	217	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adaptive Drive (In conjunction with 330, not available with 226)	2VA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sports suspension (Included in 330, not available with 2VA or wheels 2C9 / 2RX)	226	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Safety and technology									
Adaptive headlights (Only available with 522)	524	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Head-up Display (Only available with 522, not available with 3AP)	610	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High-beam assistant (Only available with 522, not available with 4NA)	5AC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reversing-assist camera (Only available with 609 / ZXT)	3AG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Soft close doors	323	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Xenon headlights, for low and high beam, with automatic height adjustment	522	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seats									
Active seat ventilation, front (Includes 494, only available with 456 and upholstery LV)	453	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Active seats, front (Only available with 456)	455	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort seats, front (only available with upholsteries LU / LV / NA) (In conjunction with 330)	456	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lumbar support, driver and front passenger (Included in 456)	488	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seat adjustment – front fully-electric with driver memory (Included in 330 and 456)	459	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Seat heating, front (Included in 453)	494	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seat heating, rear (Only available with 494, not available with upholstery AV)	496	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sports seats, front (Included in 330, only available with 459 and upholsteries LU / NA)	481	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Third Row Seating (Only available with upholsteries LU / LV / NA)	4UB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Key Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

= Optional = Standard – = Not Available

Optional equipment

Option Name									
	code	3.0si SE	3.0si M Sport	4.8i SE	4.8i M Sport	3.0d SE	3.0d M Sport	3.0sd SE	3.0sd M Sport
Exterior equipment									
Aluminium running boards	328	<input type="checkbox"/>	-						
Comfort Access system	322	<input type="checkbox"/>							
Increased towing capacity (3.5t) (Only available with 235)	233	-	-	<input type="checkbox"/>					
Model designation, deletion	320	<input type="checkbox"/>							
Roof rails, matt aluminium	3MA	-	<input type="checkbox"/>						
Side window surrounds, High-gloss Shadowline (Included in 330)	760	<input type="checkbox"/>							
Side window surrounds, matt aluminium (In conjunction with 330)	3MB	<input type="checkbox"/>	■						
Towbar with removable ball head	235	<input type="checkbox"/>							
Upper tailgate operation, automatic	316	<input type="checkbox"/>							
Interior equipment									
Adaptive Fixing System (Only available with 493)	4UP	<input type="checkbox"/>							
Automatic air conditioning with 4-zone control	4NB	<input type="checkbox"/>							
Auxiliary heating	536	<input type="checkbox"/>							
BMW Individual instrument panel, leather (Only available with upholsteries LU / LV / NA)	4M5	<input type="checkbox"/>							
Climate comfort windscreen	358	<input type="checkbox"/>							
Enhanced storage	493	<input type="checkbox"/>							
Folding exterior mirrors, automatically dimming	430	<input type="checkbox"/>							
Graduated tinted windscreen (Not available with 610, included in 358)	3AP	<input type="checkbox"/>							
Individual Anthracite headlining (Included in 330)	775	<input type="checkbox"/>	■						
Interior mirror with compass function (Not available with 5AC)	4NA	<input type="checkbox"/>							
Luggage compartment net	413	<input type="checkbox"/>							
Manual sunblinds for rear-side windows	417	<input type="checkbox"/>							
Panoramic glass sunroof with sliding and tilt function, electric	402	<input type="checkbox"/>							
Ski bag	464	<input type="checkbox"/>							
Sun protection glazing	761	<input type="checkbox"/>							
Universal remote control	319	<input type="checkbox"/>							
Steering wheels									
Sports steering wheel (Included in 330)	255	<input type="checkbox"/>	-						
Steering wheel heating	248	<input type="checkbox"/>	-						

Key

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Option Name									
	code	3.0si SE	3.0si M Sport	4.8i SE	4.8i M Sport	3.0d SE	3.0d M Sport	3.0sd SE	3.0sd M Sport
Audio and communication									
Bluetooth telephone preparation (Not available with 609 / ZXT)	644	<input type="checkbox"/>							
Bluetooth telephone preparation with telematics (Included in ZXT, only available with 609, 612 and 616)	633	<input type="checkbox"/>							
BMW ConnectedDrive – Assist (Included in ZXT, only available with 609, 616 and 633)	612	<input type="checkbox"/>							
BMW ConnectedDrive – Online (Included in ZXT, only available with 609, 612 and 633)	616	<input type="checkbox"/>							
CD changer, for six CDs (Included in ZXT)	672	<input type="checkbox"/>							
DAB digital radio	654	<input type="checkbox"/>							
DVD system at rear	6FF	<input type="checkbox"/>							
Hi-Fi loudspeaker system	676	<input type="checkbox"/>							
Hi-Fi loudspeaker system – Professional	677	<input type="checkbox"/>							
Navigation system – Professional (Included in ZXT, not available with 644)	609	<input type="checkbox"/>							
TV function (Only available with 609 / ZXT)	601	<input type="checkbox"/>							
USB interface	6FL	<input type="checkbox"/>							
Voice Control	620	<input type="checkbox"/>							
Packages									
Dynamic package	330	<input type="checkbox"/>	–						
Media package	ZXT	<input type="checkbox"/>							

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EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
X5 [E70]	X5 3.0si SE	A			■	■	■
X5 [E70]	X5 3.0si M Sport	A			■	■	
X5 [E70]	X5 4.8i SE	A			■	■	■
X5 [E70]	X5 4.8i M Sport	A			■	■	
X5 [E70]	X5 3.0d SE	A			■	■	■
X5 [E70]	X5 3.0d M Sport	A			■	■	
X5 [E70]	X5 3.0sd SE	A			■	■	■
X5 [E70]	X5 3.0sd M Sport	A			■	■	

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering
 Active Aerodynamics not available in conjunction with option 217 Active steering

Key

■ = Standard

X6 E71

Launching on 31 May 2008, the new BMW X6 offers, for the first time, a combination of the elegant flowing lines of a coupé, the powerful presence and versatility of a four-wheel-drive vehicle and the performance of a sports car. It will build on the dominant position built up by the X5, and creates a whole new segment, the Sports Activity Coupé.

Engines and performance

- **Impressive range of powerful turbocharged engines.** The X6 will launch with one six-cylinder petrol engine which is new to the X family, and two six-cylinder diesel engines. Following at the end of the year is the xDrive50i, powered by BMW's first twin turbo V8-engine producing 408 hp and 0-62 in 5.4 seconds.
- **Low fuel consumption and emissions** due to the incorporation of BMW EfficientDynamics technologies.
- **Increased responsiveness, steering wheel paddles and a reduction in gearbox-related fuel consumption** as a result of an improved six-speed gearbox.
- **High levels of agility, traction and safety in every situation** as a result of xDrive, BMW's intelligent four-wheel drive system, which actively varies the power distribution between the front and rear axles within a fraction of a second, without any intervention by the driver.

Design

- **Unique sleek coupé lines** are achieved by a gently sloping roofline, long rear body overhang, set-back glasshouse, short front overhang, and long wheelbase.
- **Commanding driving position of a premium Sports Activity Vehicle.**
- **Large luggage capacity** of 570-1450 litres.
- **New form of naming** will adopt 'virtual capacity' in keeping with the 1/3/5/6/7 Series which is prefixed by the 'xDrive' legend to denote the transmission.

Equipment

- **Exceptional roadholding in all conditions with Dynamic Performance Control** which makes its debut on this car. No other vehicle has developed such sophisticated technology, although similar, less advanced, technology can be seen on rally-based 'specials' such as the Mitsubishi Lancer Evolution.
- **Extremely high level of standard equipment** including: Dynamic Performance Control; knee pads on centre console for both driver and passenger; sports suspension settings; Xenon headlights; Dynamic Stability Control Plus, 6.5" colour display screen with iDrive controller; and two-zone climate control.
- **Good range of optional equipment** including Adaptive headlights, Active steering, Head-up Display, reversing-assist camera and Air conditioning with 4-zone control.



Competitors

As the architect of a new segment, X6 is not currently directly comparable to other vehicles in the market, but prospects may consider Range Rover Sport, Porsche Cayenne and the Infiniti FX (the latter expected to launch in Europe in the first quarter of 2009).

Competitor Comparison	BMW X6 xDrive35i	Range Rover Sport Supercharged	Porsche Cayenne
Power output (hp)	306	396	290
0-62mph (seconds)	6.7	7.6	8.5
Top speed (mph)	149	120	141
Combined fuel consumption (mpg)	25.9	17.8	21.9
VED Band	F	G	G
CO ₂ (g/km)	262	374	310

Data Source: Competitor websites

■ = Best value in class.

Technical specifications

Engine	X6 xDrive35i	X6 xDrive30d	X6 xDrive35d
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2979	2993	2993
Torque (Nm/rpm)	400/1300-5000	520/2000-2750	580/1750-2250
Power output (kW/hp)	225/306	173/235	210/286
Dimensions			
Length (mm)	4877	4877	4877
Width* (mm)	1983 [2195]	1983 [2195]	1983 [2195]
Fuel tank capacity (litres)	85	85	85
Boot capacity (VDA method) (litres)	570-1450	570-1450	570-1450
Wheels			
Wheels	Light alloy style 232 9 J x 19	Light alloy style 232 9 J x 19	Light alloy style 232 9 J x 19
Tyres	255/50 R19	255/50 R19	255/50 R19
Towing			
Permitted trailer load unbraked (kg)	750	750	750
Permitted trailer load braked on max 12% gradient (kg)	2700**	2700**	2700**
Performance			
0-62 mph (sec)	6.7	8.0	6.9
Maximum speed*** (mph)	149	130 (137)	147
Fuel consumption			
Urban (mpg / litres/100 km)	19.0/14.9	27.2/10.4	26.9/10.5
Extra-urban (mpg / litres/100 km)	32.8/8.6	40.4/7.0	39.8/7.1
Combined (mpg / litres/100 km)	25.9/10.9	34.4/8.2	34.0/8.3
CO ₂ emissions (g/km)	262	217	220
Emissions management	EU4	EU4	EU4
Insurance			
ABI Insurance group rating	19	18	19

Key

- * = Figures in [brackets] include mirrors
- ** = Can be increased to 3500kg with option 233, Increased towing capacity
- *** = Figures in (brackets) for models fitted with option 330, dynamic package

X6 xDrive35i

Engine

Catalytic converter
 Digital Motor Electronics (DME)
 Double-VANOS
 EU4 emissions management
 Light aluminium engine block and cylinder head
 Six-cylinder in-line engine with high-precision direct injection with four-valve technology
 Twin turbochargers, each serving three cylinders
 VALVETRONIC engine management

Transmission

Dynamic Performance Control utilising rear axle variable torque distribution system, with display in instrument cluster
 Six-speed automatic transmission with electronic gear selector and Steptronic
 Steering wheel-mounted gearshift paddles in pearl-gloss chrome
 xDrive four-wheel-drive system with fully-variable torque split

Wheels and chassis

19" light alloy Star-spoke style 232 with 255/50 R19 tyres
 Disc brakes front and rear, inner-vented:
 Front – 365mm x 36mm
 Rear – 345mm x 24mm
 Double-wishbone front axle
 Electro-mechanical parking brake with auto-hold function
 Power-assisted steering
 Sport suspension settings

Safety and technology

Airbags:
 Airbags – driver and front passenger, front and side
 Crash sensor activating central locking release, hazard warning lights and interior lighting, with fuel and main battery cut-off
 ITS head airbags, for front and rear passengers
 Passenger airbag deactivation, front
 Passenger seat occupancy sensor, front
 Alarm system (Thatcham 1) with remote control and engine immobiliser
 Anti-roll bars, front and rear
 Anti-whiplash head restraints, front
 Brake Force Display

Safety and technology (cont)

Child locking system, rear doors
 Cruise control with brake function
 Deformation zones – front and rear, with door reinforcements and front bumpers that regenerate to their original shape in impacts of up to 2.5 mph
 Dynamic Stability Control Plus (DSC+) comprising:
 Anti-lock Braking System (ABS)
 Automatic Differential Brake (ADB-X)
 Automatic Stability Control (ASC-X)
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)
 Dynamic Traction Control (DTC)
 Electronic Brake-force Distribution (EBD)
 Hill Descent Control (HDC)
 Hill-start assistant
 First Aid kit and warning triangle
 Foglights, front and rear
 Follow-me-home headlight function (time adjustable)
 Head restraints front and rear, height adjustable and removable (tilt adjustable in front)
 High-level third brake light
 Park Distance Control (PDC), front and rear
 Rain sensor with automatic headlight activation
 Run-flat tyres with Tyre Puncture Warning System (TPWS)
 Seat belts – inertia reel at the front with pyrotechnical belt latch tensioner, belt force limiter, belt restrainer and height adjustment
 Seat belts – two in rear, with inertia reel
 Side impact protection
 Visible VIN
 Wheel bolts, locking
 Xenon headlights for low and high beam, with headlight wash and automatic height adjustment

Standard equipment

X6 xDrive35i

Seats

60:40 split-folding rear seat backrest
 Child seat ISOFIX attachments, two in rear
 Seat adjustment – front, part-electric
 Twill cloth upholstery
 Two individual rear seats with integrated rear console and folding centre armrest

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection
 Central locking system covering all doors, tailgate and fuel filler flap, with two remote control units including personal profile settings
 Door exit lights
 Door handles, rain channel, rear spoiler and roof moulding, body-coloured
 Downlights in exterior door handles
 Exhaust tailpipes – round, stainless steel with chrome finisher, left and right
 Exterior mirrors – aspheric, tinted, heated, electric adjustment and part-body-coloured
 Illuminated light rings, functioning as welcome lights, parking lights, daytime running lights and side lights
 Indicator lenses, clear
 Kidney grille, chrome with black vertical slats
 Metallic paintwork
 Side windows surrounds, matt black
 Tailgate, one piece with intermediate stop function and sill finisher in stainless steel
 Windscreen washer jets, heated and concealed under bonnet

Interior equipment

Air conditioning, automatic
 Ambient lighting in amber, in front and rear roof consoles
 Armrest – front, on central tunnel with storage compartment
 Courtesy lights, front and rear
 Cup holders, front and rear
 Dark Bamboo wood interior trim
 Electric windows – front and rear, with open/close fingertip control, anti-trap facility and comfort closing function all round

Interior equipment (cont)

Floor mats in velour, colour co-ordinated and tailored to each footwell
 Footwell lights, front and rear
 Glove compartment, centrally-locked and illuminated
 Graduated tinted windscreen with grey shade band
 Illumination in amber, in interior door handle areas
 Instrument binnacle with speedometer, tachometer, fuel level and oil temperature gauges
 Knee pads on centre console for driver and front passenger, upholstered in line with seat selection
 Lashing eyes, four in luggage compartment
 Lights-on warning
 Luggage compartment cover, foldable and removable
 Luggage compartment lights in the tailgate
 Power socket, one in luggage compartment
 Reading lights, two each in front and rear
 Rear-view mirror, automatically dimming
 Smoker's package
 Start/Stop button for engine
 Steering column with manual reach and rake adjustment
 Storage compartments in interior door panels with anti-slip mats, illumination in amber
 Sun visors with illuminated vanity mirrors
 Three-spoke multi-function Sport leather steering wheel with gearshift paddles in pearl-gloss chrome
 Toolkit located in luggage compartment
 Windows – heat-insulated, green-tinted all round

Audio and communication

Auxiliary input point for auxiliary playing devices
 BMW Professional twin-tuner radio with single CD player (with MP3 CD playback capability)
 Control Display – 6.5" colour display screen
 iDrive Controller on centre console with eight Favourite buttons
 Loudspeaker system with six speakers
 On-Board Computer (OBC), with information on average speed, average fuel consumption, fuel range, ambient temperature, time and date
 Preparation for six CD changer

X6 xDrive30d

Equipment in addition/replacement to xDrive35i

- Diesel Particulate Filter (DPF)
- Digital Diesel Electronics (DDE)
- Disc brakes front and rear, inner vented:
 - Front – 348mm x 30mm
 - Rear – 320mm x 20mm
- Incorrect fuelling protection system
- Single turbocharger with variable turbine geometry
- Six-cylinder in-line diesel engine with common-rail technology

X6 xDrive35d

Equipment in addition/replacement to xDrive35i

- Bi-turbochargers – unequally sized, operating sequentially
- Diesel Particulate Filter (DPF)
- Digital Diesel Electronics (DDE)
- Incorrect fuelling protection system
- Kidney grille, chrome with titanium vertical slats
- Six-cylinder in-line diesel engine with common-rail technology



Wheels and tyres

		Star-spoke style 232	V-spoke style 257
Wheel size	front/rear	9 J x 19	9 J x 19
Tyre size	front/rear	255/50 R19	255/50 R19
	option code	2SG	2KR
			
All models		■	□

		Star-spoke style 258	Y-spoke style 214	Star-spoke style 259
Wheel size	front/rear	9 J x 19 / 10 J x 19	10 J x 20 / 11 J x 20	10 J x 20 / 11 J x 20
Tyre size	front/rear	255/50 R19 / 285/45 R19	275/40 R20 / 315/35 R20	275/40 R20 / 315/35 R20
	option code	2SH	2LE	2SK
				
All models		■**	□***	□***

Key

- = Standard □ = Optional
- ** Standard only where 330, dynamic package is specified
- *** Optional only where 330, dynamic package is specified

Option Name				
Wheels and chassis	code	xDrive35i	xDrive30d	xDrive35d
Active steering	217	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adaptive Drive	2VA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Self-levelling air suspension, rear	220	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety and technology				
Adaptive headlights	524	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Head-up Display	610	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High-beam assistant (Not available with 4NA)	5AC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reversing-assist camera (In conjunction with 609 / ZXW)	3AG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Soft close doors	323	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seats				
Active seat ventilation, front (Includes 494, only available with 456 and upholstery LV)	453	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Active seats, front (Only available with 456)	455	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort seats, front (Only available with upholsteries LU / LV / NA) (In conjunction with 330)	456	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lumbar support, driver and front passenger (Included in 456)	488	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seat adjustment – front, fully electric with driver memory (Included in 330 and 456)	459	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seat heating, front (Included in 453)	494	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seat heating, rear (Only available with 494, not available with upholstery AV)	496	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sports seats, front (Included in 330, only available with 459 and upholsteries GH / LU)	481 323	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or'
 = Optional = Standard – = Not Available

Optional equipment

Option Name				
Exterior equipment	code	xDrive35i	xDrive30d	xDrive35d
Aluminium running boards	328	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort Access system	322	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased towing capacity (3.5t) (Only available with 220 and 235)	233	-	<input type="checkbox"/>	<input type="checkbox"/>
Model designation, deletion	320	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High-gloss Shadowline exterior trim (Included in 330)	760	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tailgate operation, automatic	316	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Towbar with removable ball head	235	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interior equipment				
Adaptive Fixing System (Only available with 493)	4UP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic air conditioning with 4-zone control	4NB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary heating	536	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BMW Individual leather instrument panel Only available with upholsteries GU / LU / LV / NA	4M5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enhanced storage	493	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Folding exterior mirrors, automatically dimming	430	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glass sunroof with sliding and tilt function, electric adjustment	403	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Individual Anthracite headlining (Included in 330)	775	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interior mirror with compass function (Not available with 5AC)	4NA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manual sunblinds for rear-side windows	417	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ski bag	464	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steering wheel heating	248	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sun protection glazing	761	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Universal remote control	319	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

= Optional = Standard - = Not Available

Option Name				
Audio and communication	code	xDrive35i	xDrive30d	xDrive35d
Bluetooth telephone preparation (Not available with 609 / ZXW)	644	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bluetooth telephone preparation with telematics (Included in ZXW, only available with 609, 612 and 616)	633	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BMW ConnectedDrive – Assist (Included in ZXW, only available with 609, 616 and 633)	612	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BMW ConnectedDrive – Online (Included in ZXW, only available with 609, 612 and 633)	616	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CD changer, for six CDs (Included in ZXW)	672	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DAB digital radio	654	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DVD system at rear	6FF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hi-Fi loudspeaker system	676	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hi-Fi loudspeaker system – Professional	677	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigation system – Professional (Included in ZXW, not available with 644)	609	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TV function (Only available with 609 / ZXW)	601	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USB interface	6FL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Voice Control	620	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packages				
Dynamic package	330	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Media package	ZXW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Key

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EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
X6 [E71]	xDrive 35i	A				■	■
X6 [E71]	xDrive 30d	A				■	■
X6 [E71]	xDrive 35d	A				■	■

Notes:

Active Aerodynamics not available in conjunction with option 217 Active steering

Key ■ = Standard

Z4 Roadster/Coupé E85/86

The Z4, BMW's high-profile premium sports car, sets a benchmark in its segment with its perfect balance, outstanding body stiffness and superb driving stability. The Z4 Roadster launched in 2003 and went through a LCI in 2006, bringing new engines and subtle changes to exterior and interior design. The Coupé launched in 2006 offering thrilling power and innovative design to give the driver a simply unique driving experience.

Performance and economy

- **Advanced six-cylinder engines.** The Z4 Roadster is available with a four-cylinder 2.0-litre engine producing 150hp or one of four six-cylinder engines: The 2.5-litre unit is available in two states of tune, delivering 177hp in the 2.5i and 218hp in the 2.5si while the 3.0si has a 3.0-litre unit producing 265hp and the flagship Z4 M Roadster carries the 343hp unit from the E46 M3. The Coupé is available with two six-cylinder engines as the 3.0si or the 3.2-litre M Coupé.
- **Low fuel consumption and emissions figures** due to highly efficient, lightweight engine design.
- **True sports car dynamics** are achieved through near-perfect 50:50 weight distribution, resulting in breathtaking accuracy. A rigid, lightweight chassis, rear-wheel drive and low centre of gravity give exceptionally agile handling and direct, responsive steering.
- **Extremely dynamic driving with a six-speed manual transmission.** Smooth and optimally synchronised, it boasts precise, short shift throws. The close-ratio gearbox makes the engine even more responsive to a dynamic driving style.

Design

- **Classic yet distinctive sporty design.** The long bonnet, long wheelbase, short overhangs, deep, rear-slung seating position, front-mounted engine and rear-wheel drive identify the BMW Z4 as a pure-bred sports car.
- **Surprisingly large boot** gives 240-260 litres of luggage space in the Roadster and 285-340 litres in the Coupé.

Equipment

- **Class leading safety equipment** including Dynamic Stability Control (DSC+), Brake Force Display, Anti-roll bars, front and rear, and Run-flat tyres** with Tyre Puncture Warning System. The Z4 also has the stiffest body structure in its segment.
- **Fully automatic roof** is standard on all Z4 Roadsters and can be raised or lowered in just nine seconds.
- **Wide range of equipment options** including Navigation system - Professional, Bluetooth telephone preparation with telematics, CD changer for six CDs, Xenon headlights and Cruise Control.



Competitors

Primary competitors

Mercedes-Benz SLK
Audi TT
Porsche Boxster/Boxster S
Porsche Cayman/Cayman S

Secondary competitors

Honda S2000
Nissan 350Z Roadster

Competitor Comparison	BMW Z4 3.0si Roadster	Audi TT Roadster 3.2 quattro	Mercedes SLK 280	Porsche Boxster 2.7	Nissan 350Z Roadster
Power output (hp)	265	250	231	245	313
0-62mph (seconds)	5.7	6.1	6.3	6.1	5.9
Top speed (mph)	155*	155*	155	160	155*
Combined fuel consumption (mpg)	33.2	27.2	29.1	30.4	23.5
VED Band	F	G	G	F	G
CO ₂ (g/km)	204	250	231	222	288

* Electronically Limited

■ = Best value in class.

Data Source: Competitor websites

** Run Flat tyres not available on M Roadster / M Coupé.

Technical specifications

	Z4 2.0i SE Roadster	Z4 2.0i SE Roadster Exclusive Edition**	Z4 2.0i Sport Roadster	Z4 2.0i Roadster Edition Sport**
Pricing				
Engine	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve	4 cylinder 16 valve
Capacity (cc)	1995	1995	1995	1995
Torque (Nm/rpm)	200/3600	200/3600	200/3600	200/3600
Power output (kW/hp)	110/150	110/150	110/150	110/150
Dimensions				
Length (mm)	4091	4091	4091	4091
Width* (mm)	1781 [1904]	1781 [1904]	1781 [1904]	1781 [1904]
Fuel tank capacity (litres)	55	55	55	55
Boot capacity (VDA method) (litres)	240-260	240-260	240-260	240-260
Wheels				
Wheels	Light alloy style 104 7J x 16	Light alloy style 200 8J x 17	Light alloy style 135M front 8J x 18 rear 8.5J x 18	Light alloy style 108 front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	225/50	225/45	front 225/40 rear 255/35	front 225/40 rear 255/35
Performance				
0-62mph (sec)	8.2	8.2	8.2	8.2
Maximum speed (mph)	137	137	137	137
Fuel consumption				
Urban (mpg / litres/100km)	26.6/10.6	26.6/10.6	26.6/10.6	26.6/10.6
Extra Urban (mpg / litres/100km)	51.4/5.5	51.4/5.5	51.4/5.5	51.4/5.5
Combined (mpg / litres/100km)	38.2/7.4	38.2/7.4	38.2/7.4	38.2/7.4
CO ₂ emissions (g/km)	176	176	176	176
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	17	17	17	17

Key () = Figures in (brackets) apply to cars with automatic transmission
 * = Figures in [brackets] include mirrors
 ** = Please note: Edition models are subject to limited availability.

Technical specifications

	Z4 2.5i SE Roadster	Z4 2.5i Sport Roadster	Z4 2.5si SE Roadster	Z4 2.5si Sport Roadster
Pricing				
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2497	2497	2497	2497
Torque (Nm/rpm)	230/3500	230/3500	250/2750	250/2750
Power output (kW/hp)	130/177	130/177	160/218	160/218
Dimensions				
Length (mm)	4091	4091	4091	4091
Width* (mm)	1781 [1904]	1781 [1904]	1781 [1904]	1781 [1904]
Fuel tank capacity (litres)	55	55	55	55
Boot capacity (VDA method) (litres)	240-260	240-260	240-260	240-260
Wheels				
Wheels	Light alloy style 104 7J x 16	Light alloy style 135M front 8J x 18 rear 8.5J x 18	Light alloy style 104 7J x 16	Light alloy style 135M front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	225/50	front 225/40 rear 255/35	225/50	front 225/40 rear 255/35
Performance				
0-62mph (sec)	7.1 (7.7)	7.1 (7.7)	6.5 (6.9)	6.5 (6.9)
Maximum speed (mph)	142 (140)	142 (140)	149 (148)	149 (148)
Fuel consumption				
Urban (mpg / litres/100km)	23.9/11.8 (23.5/12.0)	23.9/11.8 (23.5/12.0)	23.7/11.9 (22.8/12.4)	23.7/11.9 (22.8/12.4)
Extra Urban (mpg / litres/100km)	46.3/6.1 (44.8/6.3)	46.3/6.1 (44.8/6.3)	45.6/6.2 (42.8/6.6)	45.6/6.2 (42.8/6.6)
Combined (mpg / litres/100km)	34.4/8.2 (33.6/8.4)	34.4/8.2 (33.6/8.4)	34.0/8.3 (32.5/8.7)	34.0/8.3 (32.5/8.7)
CO ₂ emissions (g/km)	197 (202)	197 (202)	199 (207)	199 (207)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	18	18	18	18

Key

() = Figures in (brackets) apply to cars with automatic transmission

* = Figures in [brackets] include mirrors

Technical specifications

	Z4 3.0si SE Roadster	Z4 3.0si Sport Roadster	Z4 3.0si SE Coupé	Z4 3.0si Sport Coupé
Pricing				
Engine	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	2996	2996	2996	2996
Torque (Nm/rpm)	315/2750	315/2750	315/2750	315/2750
Power output (kW /hp)	195/265	195/265	195/265	195/265
Dimensions				
Length (mm)	4091	4091	4091	4091
Width* (mm)	1781 [1904]	1781 [1904]	1781 [1904]	1781 [1904]
Fuel tank capacity (litres)	55	55	55	55
Boot capacity (VDA method) (litres)	240-260	240-260	285-340	285-340
Wheels				
Wheels	Light alloy style 200 8J x 17	Light alloy style 135M front 8J x 18 rear 8.5J x 18	Light alloy style 200 8J x 17	Light alloy style 135M front 8J x 18 rear 8.5J x 18
Tyres (Run-flat)	225/45	front 225/40 rear 255/35	225/45	front 225/40 rear 255/35
Performance				
0-62mph (sec)	5.7 (6.0)	5.7 (6.0)	5.7 (6.0)	5.7 (6.0)
Maximum speed (mph)	155**	155**	155**	155**
Fuel consumption				
Urban (mpg / litres/100km)	22.8/12.4 (22.2/12.7)	22.8/12.4 (22.2/12.7)	22.1/12.8 (22.2/12.7)	22.1/12.8 (22.2/12.7)
Extra Urban (mpg / litres/100km)	45.6/6.2 (43.5/6.5)	45.6/6.2 (43.5/6.5)	44.8/6.3 (43.5/6.5)	44.8/6.3 (43.5/6.5)
Combined (mpg / litres/100km)	33.2/8.5 (32.1/8.8)	33.2/8.5 (32.1/8.8)	32.5/8.7 (32.1/8.8)	32.5/8.7 (32.1/8.8)
CO ₂ emissions (g/km)	204 (211)	204 (211)	207 (209)	207 (209)
Emissions management	EU4	EU4	EU4	EU4
Insurance				
ABI Insurance group rating	19	19	18	18

Key () = Figures in (brackets) apply to cars with automatic transmission
 * = Figures in [brackets] include mirrors
 ** = Electronically limited

Z4 2.0i SE Roadster

Engine

Catalytic convertor
 EU4 emissions management
 Four-cylinder in-line engine with four-valve technology
 Light alloy engine block and cylinder head
 VALVETRONIC engine management

Transmission

Six-speed manual transmission

Wheels and chassis

16" light alloy Cross-spoke style 104 Wheels, with 225/50 R 16 tyres
 BMW Z-link multi-link rear suspension
 Disc brakes all round, inner-vented at front
 Electric Power Steering (EPS) with Servotronic

Safety and technology

Airbags - driver and passenger, front and side
 Anti-roll bars, front and rear
 Alarm system (Thatcham 1) with remote control and engine immobiliser
 Brake Force Display
 Deformation zones front and rear, door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph
 Dynamic Stability Control (DSC+) comprising:
 Anti-lock Braking System (ABS)
 Automatic Stability Control (ASC+T)
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)
 Dynamic Traction Control (DTC)
 Electronic Brake-force Distribution (EBD)
 Engine Drag Torque Control (MSR)
 Hill-start assistant
 Soft stop
 First Aid kit and warning triangle
 Halogen headlights
 High level third brake light
 Run-flat tyres with Tyre Puncture Warning System (TPWS)

Safety and technology (cont)

Seat belts - inertia reel at the front with pyrotechnic belt latch tensioner, belt force limiter and belt restrainer
 Side impact protection

Seats

Child seat ISOFIX attachment, including key de-activation for passenger airbag
 Free Spirit cloth/Sensatec upholstery
 Sports seats, manual adjustment

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection
 Exhaust tailpipe - single, oval
 Exterior mirrors - aspheric, tinted, electric adjustment, body-coloured and heated
 Foglights, front and rear
 Headlight housing in black
 Kidney grille, chrome with black vertical slats
 Reflectors integrated into front wheel arches
 Windscreen washer jets - heated

Interior equipment

Air conditioning, automatic
 Battery under luggage compartment with jump start facility in engine bay
 Boot space illumination
 Courtesy lights with delay and interior night lighting
 Door sill finishers with BMW designation, aluminium
 Electric windows - with open/close fingertip control, anti-trap facility and comfort closing function
 Floor mats
 Glove compartment, lockable and illuminated
 Handbrake lever, gear lever knob and gaiters in leatherette
 Instrument binnacle with speedometer, tachometer, fuel level and coolant temperature
 Silk Graphite interior trim
 Smoker's package
 Soft-top - lined with heated rear windscreen, fully automatic

Standard equipment

Z4 2.0i SE Roadster (cont)

Interior equipment (cont)

Steering column with manual reach and rake adjustment
Sun visors with vanity mirrors
Three-spoke Sport steering wheel

Audio and communication

Auxiliary input for auxiliary playing devices (e.g. Apple iPod)
BMW Business radio with single CD and MP3 CD/WMA playback compatibility
On-Board Computer (OBC) comprising:
Average speed
Fuel consumption and range
Outside temperature display
Preparation for six-disc CD changer

Z4 2.5i SE Roadster

Equipment in addition/replacement to 2.0i SE

Exhaust tailpipes - twin, round
Six-cylinder in-line engine with VALVETRONIC II

Z4 2.5si SE Roadster

Equipment in addition/replacement to 2.5i SE

Chromeline interior comprising:
Gear knob finisher
Inner door grab handles
Roll over hoops
Seat belt guide loop
Steering wheel finisher
Disc brakes – front and rear, ventilated
Driving Dynamics Control (DDC)
Handbrake lever, gear lever knob and gaiters in leather
Interior lights package
Rear-view mirror, automatically dimming
Sport leather steering wheel

Z4 3.0si SE Roadster & Coupé

Equipment in addition/replacement to 2.5si SE

17" light alloy wheel Star-spoke style 200 Wheels, with 225/45 R17 tyres
Armrest – on transmission tunnel
Brushed Aluminium interior trim
Headlight housing in matt chrome
Headlight wash system
Kidney grille, chrome with matt Silk Graphite vertical slats
Luggage compartment cover, retractable (Coupé only)
Metallic paint
Oregon leather upholstery
Rain sensor with automatic headlight activation
Seat adjustment - electric with driver memory
Tailored headlining with sunglasses holder (Coupé only)

Sport models - Roadster & Coupé

Equipment in addition/replacement to respective SE model

18" light alloy wheel M Double-spoke style 135M Wheels, with 225/40 R18 front, and 255/35 R18 rear tyres
Active Sport leather/sport fibre upholstery (Oregon leather on 3.0si)
Anthracite headlining (Coupé only)
Brushed Aluminium interior trim
Handbrake lever, gear lever knob and gaiters in leather
M Sport seats
M Sport suspension
Three-spoke M leather steering wheel

Z4 2.0i Roadster Edition Exclusive**

Equipment in addition/replacement to 2.0i SE

17" light alloy Star-spoke style 200 Wheels, with 225/45 R17 tyres
BMW Individual interior trim in Piano Black, high gloss
BMW Individual Nappa leather upholstery
Metallic paint
Mirror Triangle in BMW Individual Satin Chrome

Z4 2.0i Roadster Edition Sport**

Equipment in addition/replacement to 2.0i Sport

18" light alloy Composite Star-spoke style 108 Wheels, with 225/40 R18 front and 255/35 R18 rear tyres
BMW Individual New England Bi-colour leather interior trim
BMW Individual New England Bi-colour leather upholstery
Metallic paint
Mirror Triangle in BMW Individual Satin Chrome

Key

**Please note: Edition models are subject to limited availability.

Wheels and tyres

		Cross-spoke style 104	Star-spoke style 102
Wheel size	front/rear	7 J x 16	7 J x 16
Tyre size	front/rear	225/50	225/50
	option code	N/A	331
			
	2.0i SE, 2.5i SE, 2.5si SE	■	□
	3.0si SE	-	-
	Sport Models	-	-

		Star-spoke style 200	Turbine-spoke style 201
Wheel size	front/rear	8 J x 17	8 J x 17
Tyre size	front/rear	225/45	225/45
	option code	2C8	2RT
			
	2.0i SE, 2.5i SE, 2.5si SE	□	□
	2.0i Edition Exclusive	■	-
	3.0si SE	■	□
	Sport Models	-	-

Key

■ = Standard

□ = Optional

- = Not available

Star-spoke style 105

Star-spoke style 203

Star-spoke style 241

Wheel size	front/rear	8 J x 17 / 8.5 J x 17	8 J x 18 / 8.5 J x 18	8 J x 18 / 8.5 J x 18
Tyre size	front/rear	225/45 / 255/40	225/40 / 255/35	225/40 / 255/35
	option code	333	2R3	2R8
				
2.0i SE, 2.5i SE, 2.5si SE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.0i Edition Exclusive		-	<input type="checkbox"/>	<input type="checkbox"/>
3.0si SE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sport Models		-	-	-

M Double-spoke style 135M

Composite star-spoke style 108

Wheel size	front/rear	8 J x 18 / 8.5 J x 18	8 J x 18 / 8.5 J x 18
Tyre size	front/rear	225/40 / 255/35	225/40 / 255/35
	option code	787	350
			
2.0i SE, 2.5i SE, 2.5si SE		-	-
2.0i Edition Exclusive		<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.0si SE		-	-
Sport Models		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Key

■ = Standard

□ = Optional

-- = Not available

Optional equipment

Option Name		2.0i SE Roadster	2.0i Roadster Edition Exclusive	2.0i Sport Roadster	2.0i Roadster Edition Sport	2.5i SE Roadster	2.5i Sport Roadster	2.5si SE Roadster	2.5si Sport Roadster	3.0si SE Roadster	3.0si Sport Roadster	3.0si SE Coupé	3.0si Sport Coupé
Transmission	code												
Automatic transmission (Only with 249/Z4P)	205	-	-	-	-	□	□	□	□	□	□	□	□
Wheels and chassis													
M Sport suspension	704	□	□	■	■	□	■	□	■	□	■	□	■
Safety and technology													
Cruise control	540	□	□	□	□	□	□	□	□	□	□	□	□
Headlight wash	502	□	□	□	□	□	□	■	■	■	■	■	■
Park Distance Control (PDC), rear	508	□	□	□	□	□	□	□	□	□	□	□	□
Xenon headlights for low and high beam (Only with 502)	522	□	□	□	□	□	□	□	□	□	□	□	□
Seats													
M Sports seats (Not with upholstery AA)	711	□	□	■	■	□	■	□	■	□	■	□	■
Seat adjustment, electric with driver memory	459	□	□	□	□	□	□	□	□	■	■	■	■
Seat heating	494	□	□	□	□	□	□	□	□	□	□	□	□
Exterior equipment													
Exterior mirrors, folding	313	□	□	□	□	□	□	□	□	□	□	□	□
Model designation, deletion	320	□	□	□	□	□	□	□	□	□	□	□	□
Rain sensor with automatic headlight activation	521	□	□	□	□	□	□	□	□	■	■	■	■
Rear-view and exterior mirrors, automatically dimming (In combination with Comfort package)	430	□	□	□	□	□	□	□	□	□	□	□	□
Rear-view mirror, automatically dimming	431	□	□	□	□	■	■	■	■	■	■	■	■
Soft-top, dark beige	394	□	□	□	□	□	□	□	□	□	□	-	-
Soft-top, grey	389	□	□	□	□	□	□	□	□	□	□	-	-
Wind deflector	387	□	□	□	□	□	□	□	□	□	□	-	-

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

□ = Optional ■ = Standard – = Not Available

Option Name	code	2.0i SE Roadster	2.0i Roadster Edition Exclusive	2.0i Sport Roadster	2.0i Roadster Edition Sport	2.5i SE Roadster	2.5i Sport Roadster	2.5si SE Roadster	2.5si Sport Roadster	3.0si SE Roadster	3.0si Sport Roadster	3.0si SE Coupé	3.0si Sport Coupé
Interior													
Anthracite headlining	4AA	-	-	-	-	-	-	-	-	-	-	□	■
Chromeline interior trim	345	□	□	□	□	□	□	■	■	■	■	■	■
Graduated tinted windscreen	354	□	□	□	□	□	□	□	□	□	□	□	□
Leather steering wheel	255	□	■	-	-	□	-	■	-	■	-	■	-
M Leather steering wheel	710	-	-	■	■	-	■	-	■	-	■	-	■
Multi-function controls for steering wheel (Only with 255/710)	249	□	□	□	□	□	□	□	□	□	□	□	□
Storage package	493	□	□	□	□	□	□	□	□	□	□	□	□
Sun protection glass	420	-	-	-	-	-	-	-	-	-	-	□	□
Audio and communication													
Bluetooth telephone preparation (Only with 249/Z4P, not with 609)	644	□	□	□	□	□	□	□	□	□	□	□	□
Bluetooth telephone preparation with telematics (Only with 249/Z4P, 609 and 612)	633	□	□	□	□	□	□	□	□	□	□	□	□
BMW ConnectedDrive - Assist (Only with 609 and 633)	612	□	□	□	□	□	□	□	□	□	□	□	□
CD changer for six CDs	672	□	□	□	□	□	□	□	□	□	□	□	□
Hi-Fi loudspeaker system	676	□	□	□	□	□	□	□	□	□	□	□	□
Hi-Fi loudspeaker system - LOGIC7 Professional	677	□	□	□	□	□	□	□	□	□	□	□	□
Navigation system - Professional (Not with 644)	609	□	□	□	□	□	□	□	□	□	□	□	□
TV function (Only with 609)	601	□	□	□	□	□	□	□	□	□	□	□	□
Voice Control (Only with 249/Z4P and 633/644 or 609)	620	□	□	□	□	□	□	□	□	□	□	□	□
Packages													
Comfort Package	Z4P	□	□	□	□	□	□	□	□	□	□	□	□

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or'
 □ = Optional ■ = Standard - = Not Available

EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
Z4 Roadster [E85]	2.0i SE	M			■		
Z4 Roadster [E85]	2.0i Edition Exclusive	M			■		
Z4 Roadster [E85]	2.0i Sport	M			■		
Z4 Roadster [E85]	2.0i Edition Sport	M			■		
Z4 Roadster [E85]	2.5i SE	M			■		
Z4 Roadster [E85]	2.5i SE	A			■		
Z4 Roadster [E85]	2.5i Sport	M			■		
Z4 Roadster [E85]	2.5i Sport	A			■		
Z4 Roadster [E85]	2.5si SE	M			■		
Z4 Roadster [E85]	2.5si SE	A			■		
Z4 Roadster [E85]	2.5si Sport	M			■		
Z4 Roadster [E85]	2.5si Sport	A			■		
Z4 Roadster [E85]	3.0si SE	M			■		
Z4 Roadster [E85]	3.0si SE	A			■		
Z4 Roadster [E85]	3.0si Sport	M			■		
Z4 Roadster [E85]	3.0si Sport	A			■		
Z4 Coupé [E86]	3.0si SE	M			■		
Z4 Coupé [E86]	3.0si SE	A			■		
Z4 Coupé [E86]	3.0si Sport	M			■		
Z4 Coupé [E86]	3.0si Sport	A			■		

Notes:

Electronic Power Steering not available in conjunction with option 217 Active steering

Key ■ = Standard

M Models

BMW has been closely linked with Motorsport for over 60 years and the iconic letter 'M' elicits emotional resonance in car enthusiasts worldwide. In 1972, BMW M GmbH (previously BMW Motorsport GmbH) was created to facilitate BMW's racing program. It is known for countless successes in the world's most prestigious motor racing events including victories at the Nürburgring, Le Mans, World Rally Championship, Formula One and the Paris-Dakar.

Following the success of BMW M in racing venues and the growing market for high performance sports cars, BMW M launched its first road car in 1978, the legendary BMW M1. This was followed by the E28 M5 in 1984, and the legendary E30 M3 in 1988. There have been a total of 23 different M models launched in the UK.

The BMW M philosophy is based on the award-winning formula of unsurpassed driving dynamics and intelligent engineering combined with day-to-day practicality and understated performance. M cars are not adapted series cars, they are developed from the ground up using BMW's extensive engine expertise and experiences on the race track. The M3, M5, M6 and Z4 M models are all unique cars, but each have the M DNA running through them. 2008 sees the launch of the new M3 Convertible on the 26th April.

Engines

- **Lightweight high-revving engines.** The award winning five-litre V10 high-revving engine, available in the M5 and M6 models, produces 507hp and in the M3 the new V8 produces 420hp and is 15 kg lighter than the six-cylinder used previously. The Z4 M has a high-revving straight-six engine producing 343hp.
- **Better economy and lower emissions.** Most BMW M cars now incorporate EfficientDynamics measures.
- **Individual throttle butterflies.** Unmatched by any competitor, this technology is widely used in racing engines and makes for faster response and additional performance benefits (not available on the Z4 M).

Distinctive M design

- **Enhanced aerodynamics and an exterior that exudes power and confidence** with M front and rear aprons, rear diffuser, M wing mirrors, wider track and extended wheel arches.
- **Trademark lateral side gills** with M designation.
- **Trademark M exhaust system** with four circular tailpipes give the rear a muscular stance and focus attention on the powerful wheels.
- **Distinctive M instrument cluster** has custom-designed circular dials with illuminated scale rings, traditional M red needles and 200mph speedometer.
- **Exclusive M alloy options and M exterior colours.**



M technology

- **Lightweight construction** based on experiences in Formula One. This, combined with high-revving engines, makes for exceptional agility and responsiveness.
- **Seven-speed Sequential Manual Gearbox (SMG) with DRIVELOGIC** is standard on M5 and M6 models and can change gears up to ten times faster than an experienced driver, allowing for extremely sporty driving and acceleration. The new **Seven-speed M Double Clutch Transmission (M DCT) with DRIVELOGIC** (optional) makes its debut on the new M3 Convertible and will be available on all M3 models, providing uninterrupted power delivery when shifting from one gear to another, resulting in significantly faster acceleration, reduced CO₂ emissions and increased fuel efficiency.
- **M Drive Manager** allows the driver to personalise driver settings for power, gearbox, DSC+, and EDC modes. Once programmed settings can be activated via the M button on the steering wheel.
- **Variable M differential lock** significantly improves traction when cornering at high speeds or when starting on surfaces with varying levels of grip, by minimising unilateral spinning of the wheels.

Technical specifications

Engine	M3 Coupé	M3 Saloon	M3 Convertible
Engine	8 cylinder 32 valve	8 cylinder 32 valve	8 cylinder 32 valve
Capacity (cc)	3999	3999	3999
Torque (Nm/rpm)	400/3900	400/3900	400/3900
Power output (kW/hp)	309/420	309/420	309/420
Dimensions			
Length (mm)	4615	4580	4615
Width (mm)	1804	1817	1804
Fuel tank capacity (litres)	63	63	63
Boot capacity (VDA method) (litres)	430	450	210-350
Wheels			
Wheels	Light alloy style 260M front 8.5 J x 18 rear 9.5 J x 18	Light alloy style 260M front 8.5 J x 18 rear 9.5 J x 18	Light alloy style 260M front 8.5 J x 18 rear 9.5 J x 18
Tyres	front 245/40 ZR18 rear 265/40 ZR18	front 245/40 ZR18 rear 265/40 ZR18	front 245/40 ZR18 rear 265/40 ZR18
Performance			
0-62 mph (sec)	4.8 (4.6)	4.9 (4.7)	5.3 (5.1)
Maximum speed (mph)	155*	155*	155*
Fuel consumption			
Urban (mpg/litres/100 km)	15.8/17.9 (16.6/17.0)	15.8/17.9 (16.6/17.0)	15.1/18.7 (16.3/17.3)
Extra-urban (mpg/litres/100 km)	30.7/9.2 (31.4/9.0)	30.7/9.2 (31.4/9.0)	29.4/9.6 (30.1/9.4)
Combined (mpg/litres/100 km)	22.8/12.4 (23.7/11.9)	22.8/12.4 (23.7/11.9)	21.9/12.9 (23.0/12.3)
CO ₂ emissions (g/km)	295 (285)	295 (285)	309 (293)
Emissions management	EU4	EU4	EU4
Insurance			
ABI Insurance group rating	20	20	20

Key

() Figures in brackets apply to cars with seven-speed M Double Clutch Transmission with DRIVELOGIC.

* = Electronically limited

M3 Coupé, Saloon and Convertible

Engine

Catalytic converter
 Exhaust system twin-chamber with twin dual tailpipes, chrome-plated
 M Double-VANOS
 V8 engine with four-valve technology, individual throttle butterflies with electronic throttle butterfly control

Transmission

Six-speed manual transmission with electronically controlled oil cooling

Wheels and chassis

18" light alloy M Double-spoke style 260M in Dark Graphite
 Compound disc brakes – inner-vented and cross-drilled all round
 M Mobility system in the luggage compartment, consisting of a portable container with 12V compressor, integrated sealant injection bottle and injection hose
 M Servotronic steering
 M Sport suspension with double-joint spring strut front axle, sub-frame, front axle tie-rod and stiffening plate in aluminium, rear axle sub-frame in steel, track control arm and spring strut in aluminium and lightweight steel construction
 Variable M differential lock

Safety and technology

Airbags:
 Airbags – driver and front passenger, front and side
 Passenger seat occupancy sensor, front
 Alarm system (Thatcham 1) with remote control and engine immobiliser
 Brake Force Display
 Check control warning system
 Cruise control
 Daytime running lights
 Dynamic Stability Control Plus (DSC+) with M Dynamic Mode comprising:
 Anti-lock Braking System (ABS)
 Automatic Stability Control (ASC)
 Cornering Brake Control (CBC)
 Electronic Brake-force Distribution (EBD)
 Engine Drag Torque Control (MSR)
 Hill-start assistant
 First Aid kit and warning triangle
 Foglights, rear

Safety and technology (cont)

Follow-me-home headlight function
 Head restraints, front and rear
 Headlight wash
 MDrive Manager
 Park Distance Control (PDC), rear
 Rain sensor with automatic headlight activation
 Seat belt systems – front with pyrotechnical belt latch tensioner and belt force limiter
 Tyre puncture warning system (TPWS)
 Visible VIN
 Windscreen washer jets, heated
 Windscreen wipers with adjustable intermittent intervals
 Xenon headlights for low and high beam

Seats

Child seat ISOFIX attachments, front and rear
 Lumbar support, driver and front passenger
 M Sport seats – front, electric adjustment with driver memory
 Novillo leather upholstery
 Seat backrest width adjustment

Exterior equipment

Door handles – bow-type, body-coloured
 Indicator lenses, clear
 Kidney grille, chrome with chrome vertical slats
 M Aerodynamic bodystyling – front and rear apron, side sills and flared wheel arches
 M Exterior mirrors – aspheric, blue tinted, heated, electric adjustment with memory, body-coloured, and aerodynamically optimised with two-leg base in black
 Metallic paintwork
 Powerdome with air vents
 Side gills with integrated indicators and M3 logo
 Welcome lights, parking lights and rear lights activated through the remote control function

Interior equipment

Air conditioning, automatic
 Armrest – front, with storage compartment
 Cup holders, front

Standard equipment

M3 Coupé, Saloon and Convertible (cont)

Interior equipment (cont)

Door sill finishers with BMW M3 designation
 Electric windows, with open/close fingertip control
 Extended lighting comprising:
 Door handle illumination
 Exit lighting, front
 Footwell lights, front
 Illuminated vanity mirrors
 Luggage compartment light
 Reading lights, front and rear
 Floor mats
 Lights-on warning
 M instrument panel comprising red-illuminated needles and white-illuminated display with variable M rev limiter
 Rear-view mirror, automatically dimming
 Smoker's package
 Start/Stop button
 Steering column with manual reach and rake adjustment
 Sun visors with illuminated vanity mirrors
 Three-spoke M multi-function leather steering wheel with seams in M colours
 Titanium Shadow interior trim
 Toolkit located in luggage compartment

Audio and communication

Auxiliary input point for auxiliary playing devices (e.g. MP3 player)
 Navigation System – Professional, comprising:
 8.8" colour monitor
 Arrow and map display
 CD and DVD drive
 M iDrive controller in Brushed Aluminium
 Eight Favourite buttons
 Twin-tuner reception
 Traffic Message Channel (TMC)
 On-Board Computer (OBC) comprising:
 Average consumption
 Average speed
 Oil level indicator
 Range
 Time and date

Audio and communication (cont.)

Personal Profile via remote key
 Preparation for six CD changer

M3 Coupé

Additional standard equipment

Ambient interior lighting – light band in door and side trim
 Carbon-fibre reinforced plastic (CFRP) roof
 Four seats
 High level third brake light
 Individual Anthracite headlining
 ITS head airbags
 Matt Black exterior trim
 Rear seat easy access system
 Seat belt handover – front, electric
 Seat belt systems – rear with two three-point locking inertia-reel belts
 Storage compartment in door trim panels, folding
 Storage compartment with cover in rear centre console
 Storage nets on seat backrests
 Through-loading system (60:40 split)

M3 Saloon

Additional standard equipment

Five seats
 Individual Anthracite headlining
 ITS head airbags
 Matt Black exterior trim
 Seat belt systems – rear with three three-point locking inertia-reel belts

M3 Convertible

Additional standard equipment

Ambient interior lighting – light band in door and side trim
 Four seats
 Luggage compartment loading function
 Matt Aluminium exterior trim
 Rear seat easy access system
 Retractable Hard-Top (RHT)
 Seat backrests – rear, foldable, for level storage area
 Seat belt systems – rear with two three-point locking inertia-reel belts

Additional standard equipment (cont)

Side airbags – driver and front passenger with combined head airbag
 Storage area separating luggage compartment and cabin
 Storage compartment in door panels, folding
 Storage compartment with cover in rear centre console
 Storage nets on seat backrests
 SunReflective Technology for leather upholstery
 Third brake light, integrated into luggage compartment lid

Wheels and tyres

		M Double-spoke style 260M Dark Graphite	M Double-spoke style 220M, forged and polished
Wheel size	front/rear	8.5 J x 18 / 9.5 J x 18	8.5 J x 19 / 9.5 J x 19
Tyre size	front/rear	245/40 ZR18 / 265/40 ZR18	245/35 ZR19 / 265/35 ZR19
	option code	–	2MT
			
M3 all models		■	□

Key ■ = Standard □ = Optional – = Not available

Optional equipment

Option Name

Transmission	code	M3 Coupé	M3 Saloon	M3 Convertible
Seven-speed M Double Clutch Transmission (M DCT) with DRIVELOGIC	2MK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wheels and chassis				
Electronic Damper Control (EDC)	223	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety and technology				
Adaptive headlights	524	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High-beam assistant (Not with 4NA)	5AC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Park Distance Control (PDC), front and rear	508	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seats				
Seat heating, front	494	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exterior equipment				
Comfort Access system	322	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exterior mirrors, folding	313	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High-gloss Shadowline exterior trim	760	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Model designation, deletion	320	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear spoiler, deletion	326	<input type="checkbox"/>	<input type="checkbox"/>	-
Interior equipment				
Armrest – front, with sliding adjustment	4AE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Armrest – rear, centre (Not with 465)	497	-	<input type="checkbox"/>	-
Climate comfort windscreen	358	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glass sunroof with sliding and tilt function, electric adjustment	403	-	<input type="checkbox"/>	-
Head restraints, rear and foldable	5DC	-	<input type="checkbox"/>	-
Individual sun protection glazing	761	<input type="checkbox"/>	<input type="checkbox"/>	-
Luggage compartment package	418	-	<input type="checkbox"/>	-
Rear-view mirror with digital compass (Not with 5AC)	4NA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ski bag	464	<input type="checkbox"/>	-	-
Smoker's package, deletion	441	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage package	493	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sunblind – rear windscreen, electric adjustment	415	<input type="checkbox"/>	<input type="checkbox"/>	-
Sunblinds – rear side windows, manual adjustment	417	-	<input type="checkbox"/>	-
Through-loading system with integrated ski bag	465	-	<input type="checkbox"/>	-
Through-loading system with integrated storage compartment	4UN	-	<input type="checkbox"/>	-

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

= Optional = Standard - = Not Available

Optional equipment

Option Name

Option Name	code	M3 Coupé	M3 Saloon	M3 Convertible
Interior equipment (cont)				
Through-loading system with integrated transport bag	4UT	-	-	□
Universal remote control	319	□	□	□
Wind deflector	387	-	-	□
Audio and communication (cont)				
Bluetooth telephone preparation with telematics (Only with 612 and 616)	633	□	□	□
BMW ConnectedDrive – Assist (Only with 633 and 616)	612	□	□	□
BMW ConnectedDrive – Online (Only with 612 and 633)	616	□	□	□
BMW Individual Audio System	752	□	□	□
CD changer for six CDs	672	□	□	□
DAB digital radio	654	□	□	□
Hi-Fi loudspeaker system	676	□	□	□
Hi-Fi loudspeaker system – LOGIC7 Professional	677	□	□	□
TV Function	601	□	□	□
USB interface	6FL	□	□	□
Voice Control (In combination with 633)	620	□	□	□

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or'
 □ = Optional ■ = Standard – = Not Available

EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
3 Series Coupe [E92]	M3 Coupé	M		■		■	
3 Series Coupe [E92]	M3 Coupé	M DCT				■	
3 Series Convertible [E93]	M3 Convertible	M		■		■	
3 Series Convertible [E93]	M3 Convertible	M DCT				■	

Key ■ = Standard

Technical specifications

Engine	M5 Saloon	M5 Touring
Engine	V10	V10
Capacity (cc)	4999	4999
Torque (Nm/rpm)	520/6100	520/6100
Power output (kW/hp)	373/507	373/507
Dimensions		
Length (mm)	4855	4855
Height (mm)	1469	1512
Width* (mm)	1846 [2037]	1846 [2037]
Fuel tank capacity (litres)	70	70
Boot capacity (VDA method) (litres)	500	500-1650
Wheels		
Wheels	Light alloy style 166M front 8.5 J x 19 rear 9.5 J x 19	Light alloy style 166M front 8.5 J x 19 rear 9 J x 19
Tyres	front 255/40 ZR19 rear 285/35 ZR19	front 255/40 ZR19 rear 275/35 ZR19
Towing		
Permitted trailer load unbraked (kg)	750	750
Permitted trailer load braked (kg) on max 12% gradient	1900	1800
Performance		
0-62 mph (sec)	4.7	4.8
Maximum speed (mph)	155**	155**
Fuel consumption		
Urban (mpg / litres/100 km)	13.0/21.7	13.0/21.7
Extra-urban (mpg / litres/100 km)	27.7/10.2	26.9/10.5
Combined (mpg / litres/100 km)	19.6/14.4	19.3/14.6
CO ₂ emissions (g/km)	344	348
Emissions management	EU4	EU4
Insurance		
ABI Insurance group rating	20	20

Key

* = Figures in [brackets] include mirrors

** = Electronically limited

M5 Saloon and Touring

Engine

90° V10 engine with four-valve technology (S85)
 Catalytic converter
 Digital Motor Electronics MS S65 (DME)
 Dual-mass flywheel
 Electric throttle butterfly control
 EU4 emissions management
 Hydraulic valve play compensation
 Individual throttle butterflies (ten)
 IONIC-flow engine knock control
 M Double-VANOS (high pressure)
 Oil supply with lateral force control
 Solid state ignition system

Transmission

Corner Recognition Control
 Hill Recognition Control
 Seven-speed Sequential Manual Gearbox (SMG) with DRIVELOGIC

Wheels and chassis

19" light alloy M Radial-spoke style 166M with 255/40 ZR19 front and 285/35 ZR19 rear tyres (Saloon) and 275/35 ZR19 rear tyres (Touring)
 Aluminium brake callipers at the front and rear
 Compound disc brakes, inner-vented and cross-drilled all round
 Electronic Damper Control (EDC) with 3 settings: Comfort, Normal and Sports
 Lightweight double-joint spring-strut front axle with aluminium strut brace
 Lightweight integral rear axle
 M Mobility tyre puncture system
 M Servotronic steering – linked to EDC
 M Sport suspension
 Variable M differential lock

Safety and technology

Adaptive headlights
 Airbag features:
 Advanced Head Protection System (AHPS), front and rear
 Airbags – driver and front passenger, front and side
 Airbags, rear side
 Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting
 Impact-Depending Airbag system (ID Airbags), driver and front passenger

Safety and technology (cont)

Passenger airbag deactivation, front
 Passenger seat occupancy sensor, front
 Alarm system (Thatcham 1) with remote control and engine immobiliser
 Anti-roll bars, front and rear
 Anti-whiplash head restraints, front ('M' embossed and with double stitching)
 Brake Force Display
 Car/key memory
 Check control warning system
 Child locking system, rear doors
 Condition Based Servicing (CBS)
 Cruise control, programmable
 Deformation zones – front and rear, door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph. Crumple elements at the front regenerate in impacts of up to 9.5 mph
 Dynamic Stability Control (DSC) with M Dynamic Mode comprising:
 Anti-lock Braking System (ABS)
 Automatic Stability Control (ASC)
 Brake drying
 Brake pre-tensioning
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)
 Electronic Brake-force Distribution (EBD)
 Engine Drag Torque Control (MSR)
 Hill-start assistant
 First Aid kit and warning triangle
 Foglights, rear
 Follow-me-home headlight function (time adjustable)
 GRAV – Complete front end made from lightweight aluminium including bonnet
 Head restraints, rear
 Head-up Display with M specific functions
 Headlight wash
 High level third brake light
 M Launch control
 MDrive manager
 On-Board Diagnosis (OBD)
 Park Distance Control (PDC), front and rear
 Positioning lights in headlight clusters
 Rain sensor with automatic headlight activation

Standard equipment

Safety and technology (cont)

Seat belts, inertia reel at the front with pyrotechnical belt latch tensioner, belt force limiter and belt restrainer
 Seat belts – three with inertia reel, rear
 Side impact protection
 Tyre Puncture Warning System (TPWS)
 Visible VIN
 Xenon headlights for low and high beam with automatic height adjustment

Seats

Child seat ISOFIX attachments, front (includes front passenger airbag deactivation)
 Child seat ISOFIX attachment, rear
 Extended Merino leather upholstery
 M Sport seats, electric adjustment with driver memory
 Seat heating, front

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection
 Bumpers, lightweight and body-coloured, front and rear
 Door sill finishers with illuminated M designation
 Exhaust tailpipes, four
 High-gloss Shadowline exterior trim
 Indicators lenses, clear
 Kidney grille, chrome with chrome vertical slats
 M Aerodynamic body styling
 M Exterior mirrors – heated with folding function, automatically dimming, body-coloured
 M Side gills with M5 logo
 Metallic paintwork (with four M specific paintwork options)
 Rear spoiler (Saloon only)
 Roof aerial in Shark-fin design
 Rear tailgate with opening rear window (Touring only)
 Roof rails, black (Touring only)
 Tailgate operation, automatic (Touring only)
 Wash wipe system, rear (Touring only)
 Windscreen washer jets, heated

Interior equipment

12V socket in luggage compartment (Touring only)
 Air conditioning, automatic with extended features

Interior equipment (cont)

Air microfilters
 Armrest, front with sliding adjustment and storage compartment
 Armrest, rear with cupholders and storage compartment
 Battery in luggage compartment with jump start facility in engine bay
 Central air outlet, rear
 Cup holders, front and rear
 Electric windows – front and rear with anti-trap facility and comfort closing function all round
 Floor mats
 Fogging sensor, front windscreen
 Glass sunroof with sliding and tilt function, electric (Saloon only)
 Glove compartment, illuminated and lockable
 Individual Anthracite headlining
 Interior lights package
 Lights-on warning
 Luggage compartment comprising:
 Boot release button in A-pillar
 Cover, automatically retractable and removable (Touring only)
 Dividing net, retractable (Touring only)
 Electric unlocking via the key's remote control
 Mat, double sided (Saloon only)
 M Instrument panel comprising:
 Red-illuminated needles for speedometer, rev counter, fuel and oil gauge
 White-illuminated displays for speedometer, rev counter, fuel and oil gauge
 Oil level indicator in instrument panel
 Oil temperature display
 Panoramic glass sunroof (Touring only)
 Power sockets, twin 12V in rear of centre console
 Reading lights, front
 Rear-view mirror, automatically dimming
 Rev counter with variable engine temperature pre-warning display
 Smoker's package (can be deleted)
 Start/Stop button
 Steering column with electric reach and rake adjustment
 Storage compartment package (Touring only)
 Sun visors with illuminated vanity mirrors
 Three-spoke M Sport multi-function leather steering wheel with SMG paddles and MDrive control
 Toolkit located in luggage compartment
 Windows – heat-insulated all round

M5 Saloon and Touring (cont)

Audio and communication

Auxiliary input point for auxiliary playing devices
 BMW Professional radio with single CD player (with MP3 playback capability)
 CD changer for six CDs
 Control Display – 8.8" colour display screen
 DAB digital radio
 Favourite buttons
 Hi-Fi loudspeaker system
 iDrive Controller on centre console
 Navigation system – Professional

Audio and communication (cont)

On-Board Computer (OBC) including:
 Fuel consumption and range
 Journey computer
 Outside temperature display
 Speed limit function
 Stop watch
 Traffic Message Channel (TMC)

Wheels and tyres

		M Radial-spoke style 166M	M Double-spoke style 167M
Wheel size (front/rear)	M5 Saloon	8.5 J x 19 / 9.5 J x 19	8.5 J x 19 / 9.5 J x 19
	M5 Touring	8.5 J x 19 / 9 J x 19	8.5 J x 19 / 9 J x 19
Tyre size (front/rear)	M5 Saloon	255/40 ZR19 / 285/35 ZR19	255/40 ZR19 / 285/35 ZR19
	M5 Touring	255/40 ZR19 / 275/35 ZR19	255/40 ZR19 / 275/35 ZR19
option code		2MC	2MB
			
	M5 Saloon	■	□
	M5 Touring	■	□

Key

■ = Standard

□ = Optional

-- = Not available

Snow chains cannot be fitted to either of these wheels

Optional equipment

Option Name			
Safety and technology	code	M5 Saloon	M5 Touring
Child seat ISOFIX attachment, front	470	■	■
High-beam assistant	5AC	□	□
Seats			
Active seat ventilation, front (Only with X2 and 4MA)	453	□	□
Lumbar support, driver and front passenger	488	□	□
M Sport multi-function seats, front	4MA	□	□
Seat heating, rear	496	□	□
Exterior equipment			
Comfort Access system	322	□	□
Towbar with removable ball head	235	□	□
Interior equipment			
Climate comfort laminated glass (Not with 761)	356	□	□
Individual Anthracite Alcantara headlining	776	□	□
Ski bag	464	-	□
Smoker's package	441	■	■
Soft Close doors	323	□	□
Steering wheel heating	248	□	□
Sunblind – rear side windows, manual adjustment	417	-	□
Sunblind – rear windscreen, electric adjustment	415	□	-
Sunblinds – rear windscreen, electric adjustment and side blinds, manual adjustment	416	□	-
Sun protection glazing (Not with 356)	761	□	□
Through-loading system	465	□	-
Universal remote control	319	□	□

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

□ = Optional ■ = Standard - = Not Available

Optional equipment

Option Name

Option Name	code	M5 Saloon	M5 Touring
Audio and communication			
Bluetooth telephone preparation with telematics (Only with 612 and 616)	633	<input type="checkbox"/>	<input type="checkbox"/>
BMW ConnectedDrive – Assist (Only with 633 and 616)	612	<input type="checkbox"/>	<input type="checkbox"/>
BMW ConnectedDrive – Online (Only with 633 and 612)	616	<input type="checkbox"/>	<input type="checkbox"/>
BMW Individual Audio system	752	<input type="checkbox"/>	<input type="checkbox"/>
Hi-Fi loudspeaker system – LOGIC7 Professional	677	<input type="checkbox"/>	<input type="checkbox"/>
Preparation for Rear seat Advanced DVD entertainment system	6FA	<input type="checkbox"/>	<input type="checkbox"/>
TV function	601	<input type="checkbox"/>	<input type="checkbox"/>
USB interface	6FL	<input type="checkbox"/>	<input type="checkbox"/>
Voice Control, extended (In combination with 633)	620	<input type="checkbox"/>	<input type="checkbox"/>

Key Not with – these options are not available for ordering together
 Only with – these options must be ordered together
 / = Indicates 'or'
 = Optional = Standard – = Not Available

EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
5 Series Saloon [E60]	M5 saloon	M				<input checked="" type="checkbox"/>	
5 Series Touring [E61]	M5 Touring	M				<input checked="" type="checkbox"/>	

Key = Standard

Technical specifications

	M6 Coupé	M6 Convertible
Engine		
Engine	V10	V10
Capacity (cc)	4999	4999
Torque (Nm/rpm)	520/6100	520/6100
Power Output (kW/hp)	373/507	373/507
Dimensions		
Length (mm)	4871	4871
Height (mm)	1372	1377
Width* (mm)	1855 [2043]	1855 [2043]
Fuel tank capacity (litres)	70	70
Boot capacity (VDA method) (litres)	450	300-350
Wheels		
Wheels	Light alloy style 167M front 8.5 J x 19 rear 9.5 J x 19	Light alloy style 167M front 8.5 J x 19 rear 9.5 J x 19
Tyres	front 255/40 ZR19 rear 285/35 ZR19	front 255/40 ZR19 rear 285/35 ZR19
Performance		
0-62 mph (sec)	4.6	4.8
Maximum speed (mph)	155**	155**
Fuel consumption		
Urban (mpg / litres/100km)	13.2/21.4	12.8/22.0
Extra-urban (mpg / litres/100km)	27.7/10.2	26.6/10.6
Combined (mpg / litres/100km)	19.8/14.3	19.2/14.7
CO ₂ emissions (g/km)	342	352
Emissions management	EU4	EU4
Insurance		
ABI Insurance group rating	20	20

Key

* = Figures in [brackets] include mirrors

** = Electronically limited

M6 Coupé and Convertible

Engine

90° V10 engine with four-valve technology (S85)
 Catalytic converter
 Digital Motor Electronics MS S65 (DME)
 Dual-mass flywheel
 Electric throttle butterfly control
 EU4 emissions management
 Hydraulic valve play compensation
 Individual throttle butterflies (ten)
 IONIC-flow engine knock control
 M Double-VANOS (high pressure)
 Oil supply with lateral force control
 Solid state ignition system

Transmission

Corner Recognition Control
 Hill Recognition Control
 Seven-speed Sequential Manual Gearbox (SMG) with DRIVELOGIC

Wheels and chassis

19" light alloy M Double-spoke style 167M with 255/40 ZR19 front, 285/35 rear tyres
 Aluminium brake callipers, front and rear
 Compound disc brakes, inner-vented and cross-drilled all round
 Electronic Damper Control (EDC) with 3 settings: Comfort, Normal and Sports
 Lightweight double-joint spring-strut front axle with aluminium strut brace
 Lightweight integral rear axle
 M Mobility tyre puncture system
 M Servotronic steering – linked to EDC
 M Sport suspension
 Variable M differential lock

Safety and technology

Adaptive headlights
 Airbag features:
 Advanced Head Protection System (AHPS) front (Coupé only)
 Airbags – driver and front passenger, front and side
 Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting
 Impact-Depending Airbag System (ID Airbags), driver and front passenger
 Passenger airbag deactivation, front
 Passenger seat occupancy sensor, front

Safety and technology (cont)

Alarm system (Thatcham 1) with remote control and engine immobiliser
 Anti-roll bars, front and rear
 Anti-whiplash head restraints, front ('M' embossed and with double stitching)
 Brake Force Display
 Check control warning system
 Condition Based Servicing (CBS)
 Cruise control, programmable
 Deformation zones – front and rear, door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph. Crumple elements at the front regenerate in impacts of up to 9.5 mph
 Dynamic Stability Control (DSC) with M Dynamic Mode comprising:
 Anti-lock Braking System (ABS)
 Automatic Stability Control (ASC)
 Brake drying
 Brake pre-tensioning
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)
 Electronic Brake-force Distribution (EBD)
 Engine Drag Torque Control (MSR)
 Hill-start assistant
 First Aid kit and warning triangle
 Foglights, rear
 Follow-me-home headlight function (time adjustable)
 Front wings made of thermoplastic
 GRAV – Complete front end made from lightweight aluminium including bonnet
 Head restraints, rear
 Head-up Display with M specific functions
 Headlight wash
 M Launch control
 MDrive manager (individual vehicle set-up options)
 On-Board Diagnosis (OBD)
 Park Distance Control (PDC), front and rear
 Rain sensor with automatic headlight activation
 Rollover protection system (Convertible only)
 Seat belts – inertia reel at the front with pyrotechnical belt latch tensioner, belt force limiter and belt restrainer
 Seat belts – two with inertia reel, rear
 Side impact protection
 Tyre Puncture Warning System (TPWS)
 Visible VIN
 Xenon headlights for low and high beam with automatic height adjustment

Standard equipment

M6 Coupé and Convertible (cont)

Seats

Child seat ISOFIX attachment, rear
 Extended Merino leather upholstery (with SunReflective Technology for Convertible)
 Lumbar support, front
 M Sport seats – electric adjustment, with driver memory
 Rear seat easy access system
 Seat heating, front

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection
 Bumpers – lightweight and colour coded, front and rear
 Carbon-fibre bumper supports, front and rear
 Carbon-fibre roof (Coupé only)
 Door sill finishers with illuminated M designation
 Exhaust tailpipes, four
 High-gloss Shadowline exterior trim
 Indicator lenses, clear
 Kidney grille, chrome with chrome vertical slats
 Luggage compartment lid in Sheet Moulding Compound (SMC) with integrated precision moulded rear spoiler
 M Aerodynamic body styling
 M Exterior mirrors – heated with folding function, body-coloured, automatically dimming
 M Side gills with M6 logo
 Metallic paintwork (with four M specific paintwork options)
 Soft-top – lined, retractable heated glass rear windscreen, fully automatic and operable up to speeds of 20 mph (Convertible only)
 Windscreen washer jets, heated

Interior equipment

Air conditioning, automatic with extended features
 Air microfilters
 Armrest – front, centre, with two stage height adjustment and storage compartment
 Battery in luggage compartment with jump start facility in engine bay
 Carbon-fibre interior trim
 Cup holder, front
 Electric windows, front

Interior equipment (cont)

Floor mats
 Fogging sensor, front windscreen
 Glove compartment, illuminated and lockable
 Individual Anthracite headlining
 Interior lights package
 Lights-on warning
 Luggage compartment boot release in A-pillar
 Luggage compartment mat, double-sided
 M Instrument panel comprising:
 Red-illuminated needles for speedometer, rev counter, fuel and oil gauge
 White-illuminated display for speedometer, rev counter, fuel and oil gauge
 Oil level indicator in instrument panel
 Oil temperature display
 Reading lights, front
 Rear-view mirror, automatically dimming
 Rev counter with variable engine temperature pre-warning display
 Smoker's package, can be deleted
 Start/Stop button
 Steering column with electric reach and rake adjustment
 Storage net in boot
 Storage net in passenger footwell, can be deleted
 Sun visors with illuminated vanity mirrors
 Three-spoke M Sport multi-function leather steering wheel with SMG paddles and MDrive control
 Toolkit located in luggage compartment
 Windows – heat-insulated all round

Audio and communication

Auxiliary input for auxiliary playing devices
 BMW Professional radio with single CD player (with MP3 playback capability)
 CD changer for six CDs
 Control Display – 8.8" colour display screen
 DAB digital radio
 Hi-Fi loudspeaker system – LOGIC7 Professional
 iDrive Controller on centre console
 Navigation system – Professional

M6 Coupé and Convertible (cont)

Audio and communication (cont)

On-Board Computer (OBC) including:
 Fuel consumption and range
 Journey computer
 Outside temperature display
 Speed limit function
 Stop watch

Audio and communication (cont)

Traffic Message Channel (TMC)
 Voice Control, extended

Wheels and tyres

		M Double-spoke style 167M	M Radial-spoke style 166M
Wheel size	front/rear	8.5 J x 19 / 9.5 J x 19	8.5 J x 19 / 9.5 J x 19
Tyre size	front/rear	255/40 ZR19 / 285/35 ZR19	255/40 ZR19 / 285/35 ZR19
	option code	std	2MC
			
	M6 Coupé	■	□
	M6 Convertible	■	-

Key ■ = Standard □ = Optional - = Not available
 * Snow chains cannot be fitted to either of these wheels

Optional equipment

Option Name

Option Name	code	M6 Coupé	M6 Convertible
Safety and technology			
High-beam assistant	5AC	<input type="checkbox"/>	<input type="checkbox"/>
Passenger seat airbag deactivation, front	5DA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Exterior equipment			
Comfort Access system	322	<input type="checkbox"/>	<input type="checkbox"/>
Soft-top, black	388	-	<input checked="" type="checkbox"/>
Soft-top, grey	389	-	<input type="checkbox"/>
Wind deflector	387	-	<input type="checkbox"/>
Interior equipment			
Climate comfort windscreen	356	-	<input type="checkbox"/>
	358	<input type="checkbox"/>	-
Individual Anthracite Alcantara headlining	776	<input type="checkbox"/>	-
Ski bag	464	<input type="checkbox"/>	<input type="checkbox"/>
Soft close doors	323	<input type="checkbox"/>	<input type="checkbox"/>
Steering wheel heating	248	<input type="checkbox"/>	<input type="checkbox"/>
Universal remote control	319	<input type="checkbox"/>	<input type="checkbox"/>
Audio and communication			
Bluetooth telephone preparation with telematics (Includes 612 and 616)	633	<input type="checkbox"/>	<input type="checkbox"/>
BMW ConnectedDrive – Assist (Included with 633 and 616)	612	<input type="checkbox"/>	<input type="checkbox"/>
BMW ConnectedDrive – Online (Only with 633 and 612)	616	<input type="checkbox"/>	<input type="checkbox"/>
BMW Individual Audio system	752	<input type="checkbox"/>	<input type="checkbox"/>
DAB digital radio	654	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TV function	601	<input type="checkbox"/>	<input type="checkbox"/>
USB interface	6FL	<input type="checkbox"/>	<input type="checkbox"/>

Key

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Only with – these options must be ordered together

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EfficientDynamics

Type	Model	Transmission	Auto Start-Stop	Optimum Shift Indicator	Electronic Power Steering	Intelligent Alternator Control / Brake Energy Regeneration	Active Aerodynamics
6 Series Coupé [E63]	M6 Coupé	M				<input checked="" type="checkbox"/>	
6 Series Convertible [E64]	M6 Convertible	M				<input checked="" type="checkbox"/>	

Key

= Standard

Engine	Z4 M Roadster	Z4 M Coupé
Engine	6 cylinder 24 valve	6 cylinder 24 valve
Capacity (cc)	3246	3246
Torque (Nm/rpm)	365/4900	365/4900
Power output (kW/hp)	252/343	252/343
Dimensions		
Length (mm)	4113	4113
Width* (mm)	1781 [1904]	1781 [1904]
Fuel tank capacity (litres)	55	55
Boot capacity (VDA Method) (litres)	200-220	245-300
Wheels		
Wheels	Light alloy style 224M front 8J x 18 / rear 9J x 18	Light alloy style 224M front 8J x 18 / rear 9J x 18
Tyres	front 225/45 / rear 255/40	front 225/45 / rear 255/40
Performance		
0-62mph (sec)	5.0	5.0
Maximum speed (mph)	155**	155**
Fuel consumption		
Urban (mpg / litres/100km)	15.5 / 18.2	15.5 / 18.2
Extra urban (mpg / litres/100km)	32.8 / 8.6	32.8 / 8.6
Combined (mpg / litres/100km)	23.3 / 12.1	23.3 / 12.1
CO ₂ emissions (g/km)	292	292
Emissions management	EU4	EU4
Insurance		
ABI Insurance group rating	20	20

Key

* = Figures in [brackets] include mirrors

** = Electronically limited

Standard equipment

Z4 M Roadster & Z4 M Coupé

Engine

Catalytic convertor
Cylinder specific knock control
EU4 emissions management
M Double-VANOS
Six-cylinder in-line engine with four-valve technology

Transmission

Six-speed manual transmission
Variable M differential

Wheels and chassis

18" light alloy M Double-spoke style 224M wheels 225/45 R18 front and 255/40 R18 rear tyres
M Braking system, high performance
M-specific suspension setup
Power-assisted steering, hydraulic

Safety and technology

Airbags – driver and passenger, front and side
Alarm system (Thatcham 1) with remote control and engine immobiliser
Anti-roll bars, front and rear
Brake Force Display
Deformation zones front and rear, door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph
Dynamic Stability Control (DSC+) comprising:
 Anti-lock Braking System (ABS)
 Automatic Stability Control (ASC+T)
 Brake Drying
 Brake fade compensation
 Brake pre-tensioning
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)
 Electronic Brake-force Distribution (EBD)
 Engine Drag Torque Control (MSR)
 Hill-start assistant
 Soft stop
First Aid kit and warning triangle
High level third brake light, clear
M Mobility tyre puncture system

Safety and technology (cont)

Seat belts – inertia reel with pyrotechnic belt latch tensioner, belt force limiter and belt restrainer
Side impact protection
Xenon headlights for low and high beam

Seats

Child seat ISOFIX attachment, including key de-activation for passenger airbag
M Sport seats, electrically adjustable
Nappa leather upholstery

Exterior equipment

All round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection
Exhaust tailpipes – four
Exterior mirrors and windscreen washer jets – heated
Headlight housing in matt chrome
Headlight wash system
Kidney grille, chrome with black vertical slats
M Aerodynamic body styling comprising:
 M Aerodynamic front spoiler with oversized brake cooling ducts in place of front fog lights
 M Aerodynamic rear valance with diffuser
 M Bonnet with Precision Lines
Metallic paint
Rain sensor with automatic headlight activation
Soft-top – lined with heated rear windscreen, fully automatic (Roadster only)

Interior equipment

Air conditioning, automatic
Armrest – on transmission tunnel
Battery in luggage compartment, rear right, with jump start facility in engine bay
Black Carbon-structure leather interior trim
Boot space illumination
Courtesy lights with delay and interior night lighting
Door sill finishers with M designation, chrome

Interior equipment (cont)

- Electric windows
- Floor mats
- Glove compartment, lockable and illuminated
- Handbrake lever, gear lever knob and gaiters in Nappa leather
- Interior Lights Package
- Luggage compartment cover, retractable (Coupé only)
- M Gear lever knob, illuminated
- M Instrument panel comprising:
 - Oil temperature gauge
 - Red needles
 - 200mph speedometer
 - Variable preliminary warning lights on rev counter
- M Rear-view mirror, automatically dimming
- Smoker's package
- Steering column with manual reach and rake adjustment

Interior equipment (cont)

- Sun visors with vanity mirrors
- Tailored headlining with sunglasses holder (Coupé only)
- Three-spoke M multi-function leather steering wheel

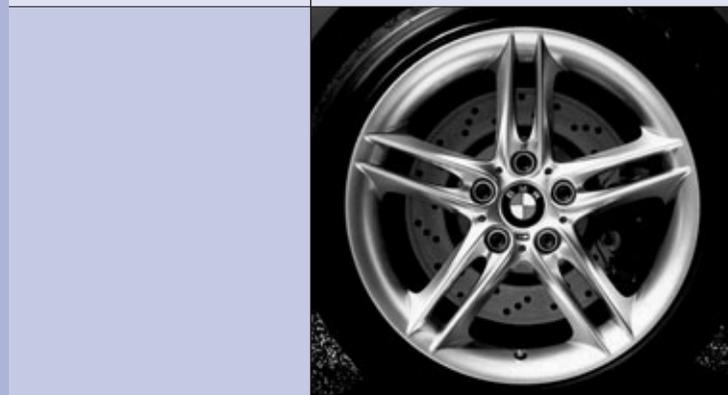
Audio and communication

- Auxiliary input for auxiliary playing devices (eg Apple iPod)
- BMW Business radio with single CD and MP3 CD/WMA playback compatibility
- On-Board Computer (OBC) comprising:
 - Average speed
 - Fuel consumption and range
 - Outside temperature display
- Preparation for six-disc CD changer

Wheels and tyres

M Double-spoke style 224M

Wheel size	front/rear	8 J x 18 / 9 J x 18
Tyre size	front/rear	225/45 / 255/40
		■



Key

■ = Standard

□ = Optional

-- = Not available

Optional equipment

Option Name

Safety and technology	code	Z4M Roadster	Z4M Coupé
Cruise control	540	<input type="checkbox"/>	<input type="checkbox"/>
Park Distance Control (PDC), rear	508	<input type="checkbox"/>	<input type="checkbox"/>
Seats			
Seat heating	494	<input type="checkbox"/>	<input type="checkbox"/>
Exterior equipment			
Exterior mirrors, folding	313	<input type="checkbox"/>	<input type="checkbox"/>
Model designation, deletion	320	<input type="checkbox"/>	<input type="checkbox"/>
Rear-view and exterior mirrors, automatically dimming	430	<input type="checkbox"/>	<input type="checkbox"/>
Soft-top, dark beige	394	<input type="checkbox"/>	-
Soft-top, grey	389	<input type="checkbox"/>	-
Wind deflector	387	<input type="checkbox"/>	-
Interior equipment			
Graduated tinted windscreen	354	<input type="checkbox"/>	<input type="checkbox"/>
Storage Package	493	<input type="checkbox"/>	<input type="checkbox"/>
Sun protection glass	420	-	<input type="checkbox"/>
Audio and communication			
Bluetooth telephone preparation	644	<input type="checkbox"/>	<input type="checkbox"/>
Bluetooth telephone preparation with telematics (Only with 609 and 612)	633	<input type="checkbox"/>	<input type="checkbox"/>
BMW ConnectedDrive – Assist (Only with 609 and 633)	612	<input type="checkbox"/>	<input type="checkbox"/>
CD changer for six CDs	672	<input type="checkbox"/>	<input type="checkbox"/>
Hi-Fi loudspeaker system	676	<input type="checkbox"/>	<input type="checkbox"/>
Hi-Fi loudspeaker system – LOGIC7 Professional	677	<input type="checkbox"/>	<input type="checkbox"/>
Navigation system – Professional (Not with 644)	609	<input type="checkbox"/>	<input type="checkbox"/>
TV function (Only with 609)	601	<input type="checkbox"/>	<input type="checkbox"/>
Voice Control (Only with 633/644 or 609)	620	<input type="checkbox"/>	<input type="checkbox"/>

Key

Not with – these options are not available for ordering together

Only with – these options must be ordered together

/ = Indicates 'or'

= Optional = Standard - = Not Available

Useful links

- **www.bmw.co.uk or www.bmw.com**

For further company information including contact details, corporate and careers information, financial services, lifestyle products, accessories, BMW rental information and other BMW related news, this website provides up to date information for customers and dealer staff.

Further links include:

- **www.bmw.co.uk/bmwuk/dp/edcomp/homepage**

This online resource features all BMW models and their competitors, and a wealth of information about EfficientDynamics. It also enables dealers to instantly compare the power, torque, consumption, performance, VED rates, and Benefit in Kind taxation percentages with competitor cars. Logon using your five-digit dealer number.

- **www.bmw.co.uk/bluetooth**

(providing information on bluetooth telephone compatibility)

- **www.bmw.co.uk/serviceinclusive**

(providing information on current BMW service packages)

- **www.bmwcleanenergy.com**

(providing information on BMWs current approach to sustainable energy)

- **www.bmw.com**

Go to 'BMW Insights' – 'Technology Guide' (providing a quick reference guide to the latest technological innovations available)

- **www.al.group-net.co.uk/DealerPortal/**

The BMW Dealer InfoNet provides a vast array of information for all dealer staff.

- **[BMW Group Academy UK](#)**

Go to - 'Events and Training' – 'BMW Group Academy UK'
Accessed via the InfoNet, the BMW Group Academy webpage allows staff to register for training courses, access training materials electronically and access general information about the academy. Training materials including Sales Person's Guides are available electronically on the site, whilst part numbers are also available for those materials which cannot be accessed electronically. Information is also available regarding retail standards, ICS Consulting Lounge and Dealer Network Careers.

- **[BMW Product Profiles](#)**

Go to – 'Product Briefing' – 'BMW Cars' – '3 Series Saloon' – 'Product Knowledge' – 'Product Profile'

Individual product profiles can be found on the InfoNet for all BMW products. These provide a complete overview of the product, including information on the history of the product, design details, colours, trims, upholstery information, and competitor car details.

- **[e-bulletins and e-newsletters](#)**

Go to – 'Product Briefing' – 'BMW Cars' (for general bulletins)

Regular e-bulletins and e-newsletters are published for dealer staff on the InfoNet. They provide frequent updates on BMW products and services, and updates to previously released information which dealers need to be aware of.

- **[Online Technical Reference Library](#)**

Go to – 'Events and Training' – 'BMW Group Academy UK' – 'Resources' – 'Online Technical Library'

Via the InfoNet, dealer staff can access the Online Technical Reference Library. This resource provides both technical and non-technical information for BMW and MINI products. The search facility enables access to all online BMW documentation relating to the topic entered into the search resource, including Owner Handbooks and Sales Person's Guides.

- **www.dft.gov.uk/ActOnCO2/index.php?q=best_on_co2_rankings**

CO₂ emissions levels are currently receiving a high amount attention within the automotive industry. This website compares BMWs performance against other key manufacturers within the industry.

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Notes

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Notes

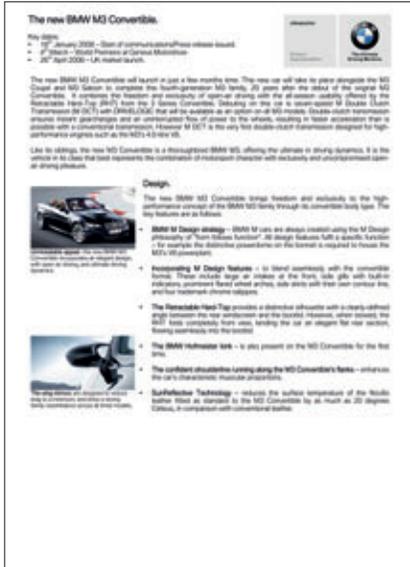
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Notes

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Further product resources available from Product Communications:

eNewsletter



Produced for all new model launches at SOC

Sales Person's Guide



Produced for all new model launches shortly after SOC

eLearning



Produced for business priority model launches

We are interested to hear feedback on any of these materials. Comments can be submitted to: product.communications@bmw.co.uk

If you would like to receive Product information directly to your email address please register on the Dealer infonet via the following path 'Events and Training' - 'BMW Group Academy UK' - 'Product Communications' - 'Contact Us'

Fast Facts

April 2008



**The Ultimate
Driving Machine**

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