



THE BMW 6 SERIES GRAN COUPÉ.

BMW EfficientDynamics
Less emissions. More driving pleasure.

International version. Please contact your local dealer for country specific information.



A SPECIAL MOMENT OF RARE BEAUTY.

The BMW 6 Series Gran Coupé is the expression of nothing less than a desire for perfection. The driving forces: curiosity, the courage to think anew and unconditional will. The result: a car that has never been seen in this form, combining pioneering design, uncompromising sportiness and exclusive elegance.



The BMW 6 Series Gran Coupé

Technology

**THE EXPRESSION
OF EXCLUSIVE ELEGANCE.**

**INNOVATION
IN MOTION.**

06 The aesthetics
of the perfect moment
Exterior and interior design.

www.bmw.com/6seriesGranCoupe

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consumption and more driving enjoyment.

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Editorial

A PHENOMENON FOR ALL THE SENSES.

The mystical light of the corona, the spellbinding silence of nature – a total solar eclipse stirs all the senses. A similarly captivating effect can also be experienced in the BMW 6 Series Gran Coupé. The flowing lines fascinate the beholder. The high-quality materials cast a beguiling spell. The sound of the powerful engine sets the tone for the future. Elegance, exclusivity and sportiness combine in a way that can only be described as pioneering – and the effect is impossible to resist.

One thing is immediately apparent. This car is for people who appreciate something special.

For them, BMW has reinvented the coupé, creating a four-door car with irresistible dynamics and aesthetics that re-awaken the joy of driving every day.

www.bmw.com/6seriesGranCoupe

www.bmw.com/6seriesGranCoupe/highlights



Equipment of model shown:
BMW 650i Gran Coupé

Engine: BMW TwinPower Turbo eight-cylinder petrol engine
Output: 330kW (450hp)
Wheels: 19" light alloy wheels W-spoke 423,
with mixed tyres
Exterior colour: BMW Individual Frozen Bronze metallic
Upholstery: BMW Individual full leather equipment,
Opal White I Amaro Brown

THE AESTHETICS
OF THE PERFECT
MOMENT.

THE BMW 6 SERIES GRAN COUPÉ
IN THE MYSTICAL LIGHT OF AN ECLIPSE.



TOTALLY EXCEPTIONAL.

An encounter of timeless fascination. True beauty is a rarity. When it does reveal itself, it is usually only for a fleeting moment, and often only in special places. The following pages reveal minute-by-minute examples of these phenomena: a total solar eclipse viewed from an observatory and an

automotive dream – the BMW 6 Series Gran Coupé. Both are unique. The natural wonder, because only in the rarest instances does it appear in complete perfection. And the four-door Coupé, because its sensual lines create such an impressively elegant design.

14:18:19



FORMATIVE EXPERIENCES.

Design without equal. The BMW 6 Series Gran Coupé is the first four-door coupé from BMW, combining exclusive elegance with agile dynamics in a way that has never been seen before. With this car, BMW is setting a new benchmark in the luxury class. Artistically

presented design features such as the flat proportions, the low roofline and the set-back passenger compartment accentuate the sporty personality of the Gran Coupé – forming a complete work of art that exudes pure individuality.

14:22:42



SHARP PROFILE.

A clearly contoured character. Strong personalities are instantly recognisable. Just like the BMW 6 Series Gran Coupé, a vehicle with dynamic lines and pure elegance that is nothing less than extraordinary. Its sporty temperament is revealed in the elongated profile, the long

wheelbase and extended bonnet. The overall picture creates the imposing impression of a car in resolute forward motion. In short, it's the majestic expression of a design icon.

14:25:01



FORCE OF ATTRACTION.

Inspiring athleticism. One look at the rear section and the sporty genes of the BMW 6 Series Gran Coupé reveal themselves in all their nuances. The visually low-lying centre of gravity combines with the horizontal and v-shaped lines to create an image of powerful elegance

and exciting dynamics. The light design is equally striking, with the third brake light integrated across the entire width of the rear window. Together with the clearly contoured rear lights, the vehicle is instantly recognisable as the BMW 6 Series Gran Coupé.

14:26:29



PERFECT FORM.

Elegant in even the smallest detail. The stylish lines of the BMW 6 Series Gran Coupé lead the eye on a journey of discovery. From the dynamic sweep of the Coupé lines and the characteristic BMW Hofmeister kink, your gaze flows through to the elegantly

sporty rear light design. A further refinement is the optional matt paintwork in BMW Individual Frozen Bronze metallic. This adds a very personal touch, harmonising with both the lightness of design and the commanding presence of the BMW 6 Series Gran Coupé.

14:28:41



STRENGTH IN SILENCE.

Time for exclusive comfort. The interior leaves no sense unstimulated. The use of premium materials and first-class workmanship create an exclusive, and very private, space that invites you to linger. The BMW 6 Series Gran Coupé also impresses when it comes to functionality, as demonstrated by

the versatility of the rear. The sporty back seats offer comfortable space for two people and, as a 4+1-seater, the BMW 6 Series Gran Coupé can even carry up to three people for short distances. If required, the back rests of the rear seats can be folded down in a 60:40 configuration.

14:30:18



UNIQUELY YOURS.

Exclusivity meets sportiness. The interior architecture of the BMW 6 Series Gran Coupé captivates in many ways – one of which is the freedom it allows for personal expression. The ambience can be adapted completely to suit the style of its owner. Whether you

prefer sporty or elegant, discreet or luxurious, there are almost no limits to your wishes. A large selection of fine woods, velvety-soft leathers and high-grade metals can be combined in a host of combinations. Which means that every BMW 6 Series Gran Coupé can be unmistakably unique.

14:33:02



FORWARD VISION.

The art of the overview. From the moment you experience the BMW 6 Series Gran Coupé, you will not want to settle for anything less than its individual luxury and perfect ergonomics. Drivers as well as passengers are entirely at one with the sensual interior design and BMW Individual colours Amaro Brown and Opal White. At the same

time, the elegantly curved centre console divides the space into two private areas for optimum comfort. Comfort that is further increased, for example, by the optional full-colour BMW Head-Up Display. Overall, this car presents a vision of the perfect interior – with a clear view on maximum safety.

14:35:20



SHADOW PLAY.

Peak power brought into line. The athletic proportions promise uncompromising and commanding forward thrust. The dynamic lines define the inner values. And the first-hand experience? Extreme agility

in corners, precision steering, powerful acceleration and great reserves of power in any situation. It all serves one goal – maximum driving pleasure for all the senses in the unique BMW 6 Series Gran Coupé.

14:39:39



LEADING LIGHT.

Resolutely forward looking. Clear structures distinguish the face of the BMW 6 Series Gran Coupé. Wherever the eye roams – every square centimetre exudes pure authority. Dynamic flowing lines, the low-lying front and the prominent, centrally located double grille emphasise the

self-confident appearance. Optional Adaptive LED headlights with integrated turning lights and the High-Beam Assistant also underscore the typical character of BMW, giving the face a purposeful presence.





BMW ConnectedDrive

So connected, you're free.

Our everyday lives are becoming more and more connected. BMW drivers, however, enjoy better connections than most. They can source information, communicate by telephone and email, keep an eye on the traffic and generally stay up to date while on the move. The services that so effectively network BMW vehicles with the outside world are grouped under one term – BMW ConnectedDrive.



BMW ConnectedDrive, with its intelligent services and assistance systems, is ready with all the right equipment. BMW ConnectedDrive Services & Apps offer more freedom by providing versatile connections between the driver, vehicle and outside world. BMW ConnectedDrive Driver Assistance systems make driving a BMW safer and more comfortable. And intelligent systems make life easy for the driver and minimise the dangers of traffic.

For more information see:

www.bmw.com/ConnectedDrive

BMW CONNECTED DRIVE SERVICES & APPS – INTELLIGENT CONNECTIVITY.

The **BMW ConnectedDrive Services & Apps*** – configuring them according to your individual needs is now quicker and easier than ever before. Want to listen to your favourite music on every journey? No problem with AUPEO! personal internet radio.



AUPEO! PERSONAL INTERNET RADIO – CREATE YOUR OWN RADIO PROGRAMME.

With a smartphone and the free AUPEO! personal internet radio app you only hear the music you want to hear. Customisable internet radio adapts itself to your musical taste. Choose from over 120 music genres, to access a music library that currently comprises over one million songs. Use the "Love" and "Ban" buttons in the Control Display to define your musical preferences. The smartphone is connected to the car via the snap-in adapter or a cable recommended by BMW. This function requires the Navigation system Professional.



INTERNET – INFORMATION AT YOUR FINGERTIPS.

Whether you need to check the balance in your bank account, place a bid on eBay or look something up in Wikipedia, the BMW ConnectedDrive Internet option ensures that you can do whatever you need to do online. To enable you to surf to your heart's content, the iDrive Controller in the centre console doubles as a computer mouse.



BLUETOOTH OFFICE – ALWAYS IN TOUCH.

Bluetooth Office enables BMW office functions such as emails, appointments, tasks, contacts and text messages to be shown on the Control Display or read out over the audio speakers using the text-to-speech function. All compatible mobile end devices are listed at www.bmw.com/bluetooth.

* May not be available in all countries. Please consult your BMW partner.
The images shown here are equipment examples. Features are individually specific to every BMW. Depending on the model, the Control Display and presentation of content may differ.

BMW CONNECTED DRIVE DRIVER ASSISTANCE – A CO-DRIVER WHO THINKS AHEAD.

BMW ConnectedDrive Driver Assistance includes innovative functions that enhance safety and convenience, maximising your driving pleasure. Improved safety in the dark? BMW Night Vision takes care of it.



BMW HEAD-UP DISPLAY – KEEP YOUR FOCUS ON THE ROAD.

The full-colour BMW Head-Up Display projects driving-relevant information directly into the driver's line of sight. In this way, focus can also be kept on the road ahead. It shows, for example, the current speed, navigation instructions, Speed Limit Info including the no-overtaking indicator, Check-Control messages and infotainment.



SPEED LIMIT INFO – A WATCHFUL EYE.

This optional system shows the applicable speed limits in the instrument cluster or the BMW Head-up Display. A special camera registers the relevant traffic signs and a control unit processes the information, together with navigation data. Other features, such as the car's rain sensor, are also used. This means that the system can even inform the driver about variable speed limits in, for example, wet conditions.



BMW NIGHT VISION WITH PEDESTRIAN RECOGNITION AND ACUTE WARNING – THE BENEFIT OF FORESIGHT.

An optional infrared camera in the double kidney grille detects people and animals up to a distance of 300 metres, displaying images on the Control Display. Pedestrian Recognition also gives a visual warning to indicate if people are moving close to the road, up to a distance of 100 metres ahead. This means that the driver can recognise potential danger significantly earlier and react more quickly. The new Acute Warning system helps in imminently critical situations, thereby offering even greater safety.



ACTIVE PROTECTION – SAFETY IN DEPTH.

Active Protection consists of safety components for the automobile. In critical situations, safety belts are pretensioned, seats returned to the upright position and windows closed, for example. After an accident occurs, the system is able to brake the automobile automatically until stationary. In addition, the Attentiveness Assistant monitors the driver's steering behaviour for signs of fatigue and notifies the driver via the Control Display.



DRIVING ASSISTANT PLUS – RELAX AND LEAVE THE ROAD TO YOUR BMW.

Driving Assistant Plus not only includes Approach Control Warning and Lane Departure Warning but also Active cruise control with Stop&Go function. This all increases comfort and safety during motorway driving.



PARKING ASSISTANT – A WELCOME TOUCH.

This optional driver assistance system makes parallel parking easier. When travelling at speeds below 35km/h, the system measures any parking gaps the vehicle passes. When a big enough gap has been found, the Parking Assistant will do the steering, while the driver continues to operate the accelerator and brake pedals – supported by acoustic signals and instructions in the Control Display.



BMW EfficientDynamics Less emissions. More driving pleasure.

BMW EFFICIENT DYNAMICS – MAKING A LITTLE GO A LONG WAY.

BMW was one of the first manufacturers to pursue the goal of efficient drive technologies, as part of its multi-award-winning sustainability strategy. BMW EfficientDynamics, included as standard, is a comprehensive technology package designed to reduce fuel consumption and emissions – while simultaneously enhancing dynamic performance. A winner of many technology awards, it has enabled the BMW Group to reduce the CO₂ emissions of its European new-vehicle fleet by over 30% since 1995. Currently, 24 BMW models¹ each emit up to just 120g CO₂/km. The BMW Group intends to achieve a further 25 per cent reduction in CO₂ emissions by 2020.

www.bmw.com/EfficientDynamics

Different paths to the same destination: unmistakable BMW driving pleasure. Under the umbrella of the BMW EfficientDynamics project, BMW is continuously developing innovative systems that will bring us closer to the long-term goal of emission-free mobility. This BMW initiative for more driving pleasure is based on several pillars:

Technology package. The optimisation of vehicles powered by conventional diesel and petrol engines continues apace. A comprehensive technology package, with innovations including BMW TwinPower Turbo technology, ECO PRO mode and the Auto/Start Stop function, enables the reduction of fuel consumption and emissions, while at the same time increasing power output and driving enjoyment. And it all sets the standard in every BMW.

BMW ActiveHybrid. The BMW ActiveHybrid 3, the BMW ActiveHybrid 5 and the BMW ActiveHybrid 7 introduce impressive hybrid powertrain technology to the BMW range. All models combine excellent efficiency with high dynamics thanks to intelligent energy management.

BMW eDrive. The most intelligent and dynamic way to drive an electric vehicle. This newly developed drivetrain technology combines sheer driving pleasure with the future. Three core elements lie at the heart of BMW eDrive technology: an electro-synchronous motor, a high-performance lithium-ion battery and intelligent energy management. With this technology, BMW is delivering electric driving alongside true premium quality – paving the way for the emissions-free mobility of tomorrow.

BMW i. In line with the guiding principles of BMW EfficientDynamics, the BMW i brand is developing visionary new vehicle concepts for electric mobility such as the BMW i3 and the BMW i8. While including existing BMW EfficientDynamics technologies, these vehicles also use innovations in intelligent lightweight construction such as carbon. With a focus on sustainability through the entire value chain and a range of additional mobility services, BMW is progressively redefining the concept of individual mobility.

BMW EFFICIENT DYNAMICS INNOVATIONS IN THE BMW 6 SERIES GRAN COUPÉ AT A GLANCE.

BMW TwinPower Turbo technology.

This combines the latest fuel injection technology, fully variable power control and innovative turbocharging technology to increase efficiency and dynamics.

Eight-speed Steptronic sport transmission.

Very closely defined gear ratios in the eight-speed Steptronic sport transmission allow better use of the optimum rev range. This reduces fuel consumption considerably, while simultaneously improving gearshift comfort. It is combined with the Auto Start/Stop function in all of the BMW 6 Series Gran Coupé models. This allows them to offer more dynamics and greater driving comfort with improved economy and lower emissions.

Auto Start/Stop function incl. availability display.

All BMW 6 Series Gran Coupé models are equipped with the Auto Start/Stop function. When the car stops briefly, at traffic lights for instance, the Auto Start/Stop function turns off the engine temporarily, thereby reducing fuel consumption. An indicator (Start Stop) in the Info Display indicates that the function is active.

Brake Energy Regeneration.

With Brake Energy Regeneration, the alternator generates electricity mainly when the driver takes his foot off the accelerator or applies the brakes. The kinetic energy this develops is transformed into electric power and fed into the battery.

ECO PRO mode.

This allows drivers to reduce fuel consumption of up to 20 per cent², depending on individual driving style. It works by optimising accelerator pedal and gearbox responses as well as gearshifts and adapting the heating/air conditioning intelligently. The new Route-Ahead Assistant further supports efficient driving by recommending that the driver lifts off the accelerator ahead of situations such as turns or speed limits. ECO PRO tips also help achieve greater efficiency. The bonus range function, integrated in the on-board computer, indicates how many extra kilometres have been gained.

Electric Power Steering.

Unlike traditional, hydraulic steering systems, electric power steering uses energy only when the steering wheel is actively turned. On straight roads, the electric motor remains inactive (not in conjunction with xDrive).

¹ Status as of 09/2013.

² Determined through internal BMW fuel consumption study.

THESE ENGINES HAVE ALL THE RIGHT VALUES. FOR POWER – AND FUEL CONSUMPTION.

Engines. Every BMW engine is characterised by its performance, power, refinement and free-revving nature. And naturally, the cultivated and powerful BMW TwinPower Turbo eight-cylinder petrol engine, the smooth-running and spirited BMW TwinPower Turbo six-cylinder in-line petrol unit and the outstanding, super-efficient BMW TwinPower Turbo six-cylinder in-line diesel powerplant follow the BMW EfficientDynamics philosophy. This pursues the goal of high power with reduced fuel consumption and low CO₂ emissions. What's more, the as-standard engines comply with the EU6 exhaust emissions directive. Whichever one you choose, you will be guaranteed high efficiency and sheer driving pleasure.



BMW 650i & 650i xDrive.

The BMW TwinPower Turbo eight-cylinder petrol engine combines two turbochargers with Valvetronic, Double-VANOS and High Precision Injection. And with 650Nm of torque, it delivers impressive power in any driving situation. With output of 330kW (450hp)¹, the engine accelerates the BMW 6 Series Gran Coupé from 0 to 100km/h in 4.6 seconds (650i xDrive: 4.4s) – while the sound of the Sport exhaust system will inspire you time and time again. These engines also impress with their efficient use of petrol: the BMW 650i Gran Coupé consumes an average of just 8.6–8.8 litres (650i xDrive: 9.2–9.4l) of fuel per 100km.

BMW 640i & 640i xDrive.

The BMW TwinPower Turbo six-cylinder inline petrol engine – also available with the xDrive all-wheel drive system – combines a Twin Scroll turbocharger with Valvetronic, Double-VANOS and High Precision Injection. These innovations lead to fuel consumption of 7.7–7.8 litres per 100 kilometres (640i xDrive: 8.1–8.3l). Other values also stand out: the engine generates 235kW (320hp)¹ and makes its maximum torque of 450Nm available as early as 1,300rpm. Acceleration from 0 to 100km/h takes the BMW 640i Gran Coupé just 5.4 seconds (640i xDrive: 5.3s).



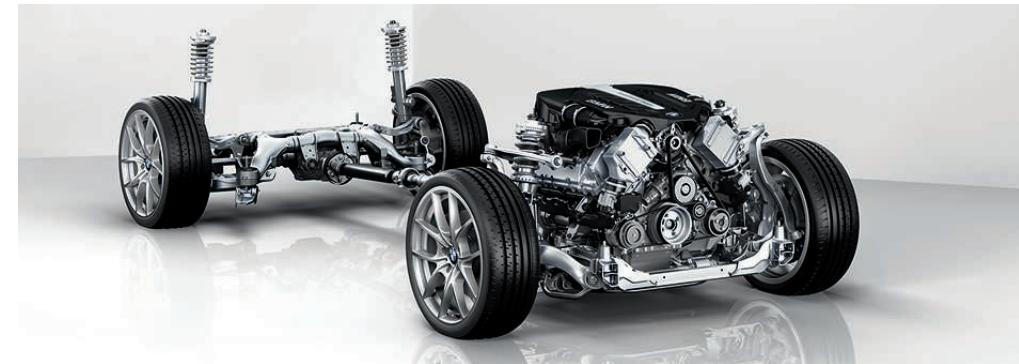
BMW 640d & 640d xDrive.

Sporty performance figures and great efficiency characterise the BMW TwinPower Turbo six-cylinder inline diesel engine, with its combination of CommonRail direct injection and two-stage turbocharging with variable turbine geometry. Peak torque of 630Nm is readily available from just 1,500rpm through to 2,500rpm. The smooth-running, extremely responsive engine produces 230kW (313hp)¹ and provides outstanding performance. The BMW 640d Gran Coupé accelerates from a standstill to 100km/h in just 5.4 seconds – when the xDrive all-wheel drive system is fitted, it takes 5.2s. Over 100 kilometres, the BMW 640d consumes an average of just 4.8–6.8 litres of diesel (640d xDrive: 5.0–7.1l).



THE BEST BASIS FOR HIGH DYNAMISM. AN OUTSTANDING CHASSIS.

The BMW 6 Series Gran Coupé presents a wide range of technologies to enhance the enjoyment of every drive. Many are intelligently networked, so you can enjoy sheer driving pleasure in the greatest possible safety.



xDrive.

The BMW 650i Gran Coupé remains stable, on track and adapts to even the most difficult road situations thanks to the intelligent all-wheel-drive option xDrive and Dynamic Stability Control (DSC). xDrive distributes drive power between the vehicle's axles in fractions of a second for optimum roadholding. In this way, the system combines the advantages of an all-wheel-drive vehicle – traction, directional stability and safety, even in bad weather – with the agility typical of the BMW 6 Series.

Integral Active Steering.

This option combines steering rear wheels with a variable steering-transmission ratio on the front axle. At up to 60km/h, the rear wheels steer in the opposite direction to the front wheels. This creates the effect of "virtually" shortening the wheelbase and thus improves manoeuvrability, agility, stability and comfort. From about 60km/h, the rear wheels steer in the same direction as the front wheels (not available in conjunction with xDrive).

Adaptive Drive.

The Adaptive Drive option combines the two active chassis control systems, Dynamic Drive and Dynamic Damper Control. The latter, fitted as standard, includes individually adjustable settings for the shock absorbers. And, with its active anti-roll bars on the front and rear axles, Dynamic Drive ensures that rocking motion is reduced to a barely perceptible minimum for even more relaxed travel or undisturbed work.

Dynamic Damper Control.

This system allows the driver to adapt the shock absorber characteristics to the driving situation. There are three programmes in addition to the standard Comfort setting. The shock absorbers give a soft ride in the Comfort+ setting, reducing motion of the car to a minimum, especially on bumpy roads. The Sport and Sport+ settings set the shock absorbers to a firmer position, for an exciting, sporty ride.

Driving Experience Control switch, incl. ECO PRO mode.

This allows drivers to individually adapt drive and transmission components to the desired profile. The settings are Sport, Sport+, Comfort, Comfort+ and ECO PRO. With the latter, throttle and transmission characteristics are optimised, while heating and climate systems are intelligently adapted. ECO PRO tips also provide advice on fuel-efficient driving. Activating ECO PRO mode optimises fuel consumption and displays the additional kilometres gained through efficient driving as bonus range in the on-board computer. Still further savings can be achieved with the coasting function.

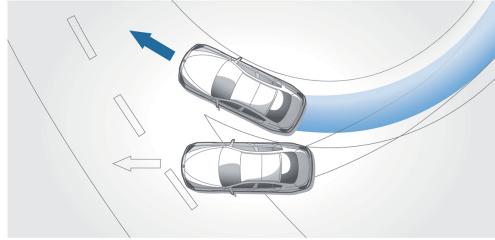
Eight-speed Steptronic sport transmission.

This standard feature, now also featuring Launch Control, adjusts itself to your driving style. The range extends from comfortable gliding over the road to a very dynamic driving style. You change gear using the gearshift lever or gearshift paddles on the Sport leather steering wheel. The shift sequences are set up for best performance in the Sport mode. Optimised clutch control allows very rapid rotational speed transitions and hence minimal shift times. Acceleration is optimised through the close ratios of all eight gears, at the same time giving the best possible efficiency and gearchange comfort.

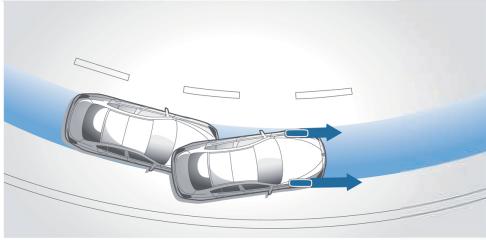
MORE SAFETY, MORE DRIVING PLEASURE.

The BMW 6 Series Gran Coupé offers cutting-edge technology that you can rely on. Superior ride characteristics and the networking of intelligent chassis control systems are all part of an exclusive suite of innovations. As the driver, you have the most progressive safety measures available to give you the best possible assistance in any situation. And you will always feel safe, whatever the road conditions.

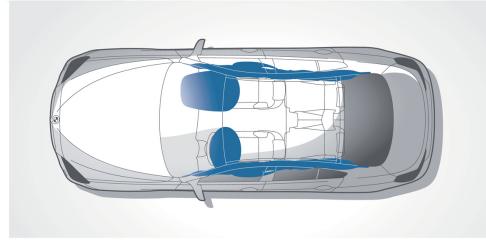
www.bmw.com/6seriesGranCoupe/dynamics



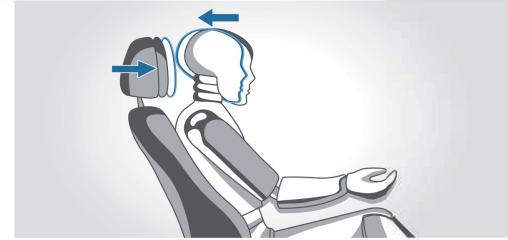
■ Dynamic Stability Control (DSC). Sensors constantly monitor driving status and, as necessary, modify directional stability and traction by intervening in the engine and brake management systems. In addition, the BMW has Hill-Start assistant, which prevents the car rolling back on an incline for 1.5 seconds after the driver releases the brake. This makes control of the car easier, even under difficult circumstances. In this way, safety and driving pleasure are actively enhanced.



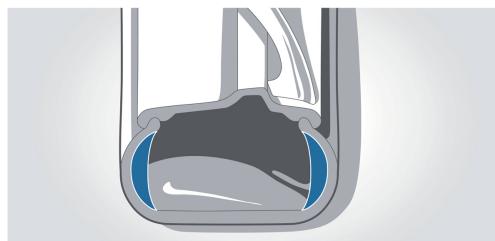
■ Dynamic Traction Control (DTC). This special mode within Dynamic Stability Control offers previously unheard of traction in even the most dynamic driving situations. Activated with a press of the button, the traction mode allows increased wheel slip and, thanks to controlled rotation of the tyres, improves grip on snow or sand. DTC delays intervention of the Dynamic Stability Control system, even on tarmac, and allows controlled drifting for an even more intense driving experience.



■ Airbags and all other safety components for the driver, front passenger and rear occupants are perfectly coordinated in a BMW. Six airbags offer comprehensive protection: driver and front passenger airbags plus head and side airbags in the front. Even pedestrians are better protected thanks to the active bonnet.

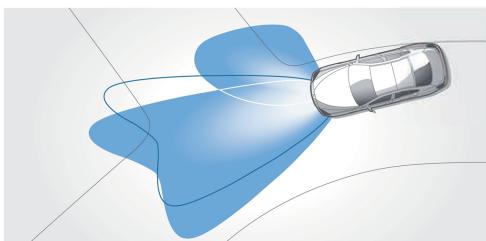


■ Active headrests instantly reduce the distance to the head in the event of a collision and thus limit possible whiplash injuries.



■ Runflat tyres. With reinforced sidewalls, the tyres do not collapse completely and remain on the rim, even if they have lost all of their air. This means you can drive safely to the nearest garage.

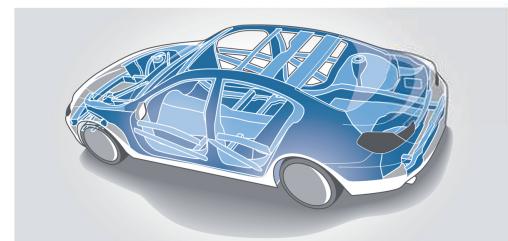
■ The tyre pressure indicator, fitted as standard, informs the driver when a tyre's pressure falls by around 20 per cent of the recommended value. The system must be reinitialised with the correct pressure for all tyres after each tyre change.



■ Xenon Headlights for high and low beam include automatic headlight range control for significantly better illumination of the road at night, in poor weather or low light. The four LED light rings, with daytime running light function, can also be used as parking lights. The optional Adaptive Headlights with variable light distribution (illustrated) provide optimum illumination in bends. The cornering lights in the two inner Headlights, included in the option, are activated automatically when the indicator is used or the steering wheel is turned, even if the vehicle is not moving.



■ BMW restraint system for the driver and front passenger. A combination of a three-point seat belt, pyrotechnical belt latch tensioner and belt force limiter ensures the best possible restraint in a collision.



■ Body stiffness. The targeted use of high-strength multi-phase steels and aluminium create very high rigidity values in the body and ensure outstanding crash protection.

■ Active Protection offers optimum protection for all occupants in the event of a crash. In critical situations, for example, it tightens the front seat belts, automatically closes open windows and the optional glass roof and moves the driver and front passenger seats to their most favourable positions. Additionally, after an accident, the vehicle can be brought to a standstill independently, thus preventing or reducing the likelihood of a further collision. Attentiveness Assistant is another function of the Active Protection package.

THE FINE ART OF LARGE ENGINES.

Klaus Hirschfelder and Johann Schopp stand at the summit of the engine-building business. These experienced engineers plan and build the large BMW TwinPower Turbo V8 powerplants – a labour of love for any engine constructor. The fruits of their labour can be experienced in grand style in the BMW 6 Series Gran Coupé.



What makes building the BMW TwinPower Turbo V8 engine so special?

Hirschfelder: For a classical mechanical engineer, large V8s are the crowning achievements: compact powerplants that can generate outstanding as well as refined performance. And the engine in the 650i Gran Coupé is the ultimate expression of the modern-day art of BMW engine-building.

Schopp: It takes a lot of experience to fit all the full BMW TwinPower Turbo technology neatly into this compact engine. It's a privilege to work on such an engine, but it's also something you have to earn. The rewards are huge: the incomparable sound – the typical V8 rumble – is music to the ears of any mechanical engineer.



What's new about the BMW TwinPower Turbo V8 engine in the BMW 6 Series Gran Coupé?

Schopp: We've taken the basic construction of the engine and its 4.4-litre displacement from an existing unit, but everything else – from the pistons, via the connecting rods to the cylinder head – is new, for increased power and efficiency. Integrating Valvetronic variable valve control was extremely tricky, but the system cuts fuel consumption significantly. All BMW petrol engines, in fact, are now fitted with BMW TwinPower Turbo technology – almost without exception in a combination of High Precision Injection, Valvetronic, Double-VANOS and a turbocharging technology. We have achieved further reductions in fuel consumption with developments such as demand-based oil and water pumps, which use less engine power.

What are the major challenges to overcome when constructing this engine?

Hirschfelder: You need a lot of skill and patience to accommodate two turbochargers and two catalytic converters to optimum effect within the tight V configuration of this engine. With this kind of compact and powerful turbocharged unit, cooling is also highly complex. After all, temperatures hit 950 degrees Celsius in and around the turbochargers.

Schopp: We have fitted extremely effective heat protection and deflector plates in these areas to divert the heat downwards and to the rear. All coolant systems and the air supply have been reworked and shovel large quantities of air through the engine compartment. Critical areas of the engine – such as the turbocharger mounting and the two engine management units – are liquid-cooled.

What are the performance and fuel consumption figures?

Hirschfelder: The engine develops 450hp (or 330 kilowatts) and 650 Newton metres of torque. Teaming up with the efficient eight-speed Steptronic sport gearbox and the Auto Start/Stop function undercuts the fuel consumption of the predecessor by up to 15 per cent, depending on model. In the BMW 6 Series Gran Coupé, that means an average of 8.6–8.8 litres per 100km and 199–206g of CO₂ per kilometre¹. Sensational figures for a car of this calibre.

Schopp: When you drive the car, you notice its very special V8 composure immediately. The engine has power in abundance and it comes across as totally unstretched and unperturbed at all times. This special BMW TwinPower Turbo V8 engine is an outstanding match for the BMW 6 Series Gran Coupé. As soon as you fire up the engine you know you're driving a hugely refined, flawless car.

¹ Fuel consumption and CO₂ emissions depend on wheel and tyre size. More information on page 64/65.

When it comes to engines, the first thing that occurs to BMW drivers is the straight-six, but the company also has a tradition of making V8s.

Schopp: That's right, we were building V8 engines back in the 1950s, when there was no straight-six in the BMW line-up. Back then, the use of an aluminium crankcase and a pair of two-barrel carburettors was extremely advanced. This engine was fitted in various models, including the BMW 507.

www.bmw.com/6seriesGranCoupé/v8engine

Aesthetic vision.



The most elegant expression of dynamics. The interior of the BMW 6 Series Gran Coupé, in the 640d version shown here, captivates with its optional comfort seats in exclusive Ivory White extended Nappa leather and matching interior trim

with its Fine-brushed Aluminium finish. The sporty character of the exterior is further enhanced by the metallic Space Grey body colour and the 19" light alloy wheels Star-spoke 367 with mixed tyres.

Athletic elegance.



Sportiness at first sight. The BMW 6 Series Gran Coupé fascinates with the powerful metallic Mineral White paintwork and large 20" light alloy wheels V-Spoke 356 with mixed tyres. The sport seats for the driver and front passenger

in Cinnamon Brown Dakota leather establish an exclusive contrast. The interior trim in fine American Oak, meanwhile, is a statement of timeless elegance.



The M Sport package.

The M Sport package for the BMW 6 Series Gran Coupé – exhilaration in dynamic detail.

The M Sport package offers sportiness in a class of its own with exterior features that emphasise the dynamic heritage of the BMW 6 Series Gran Coupé. The 20" M light alloy wheels Double-spoke 373 M with mixed tyres (standard equipment, 19" with mixed tyres) reinforce this impression. And when combined with special bodywork colours, dark chrome tailpipes and black painted brake calipers, the front and rear aprons and side sills of the M Aerodynamics package create particularly sporting impact. The 650i also has an impressive sport exhaust system, its sound further underscoring the overall impression of power. The dynamic character is evident in the passenger compartment, too, with features such as a grippy M leather steering wheel, special Alcantara-leather combination sport seats and additional trim elements in aluminium or a distinctive black.



M door sill trims with aluminium inserts and M logo for a sporty reception.



M leather multifunction steering wheel, incl. shift paddles for the eight-speed Steptronic sport transmission.



Rear diffusor enhances the sporty look with its Dark Shadow metallic bumper insert and the complementary dark chrome tailpipe frames.



Sport seats in exclusive Alcantara-leather combination Nappa Anthracite with blue contrasting stitching.



19" M light alloy wheels Double-spoke 351 M with mixed tyres, front 8.5 J x 19 with 245/40 R 19 tyres, rear 275/35 R 19 with 9 J x 19 tyres.



powered by 

BMW Individual. The expression of personality.

True exclusivity is defined by the very highest standards: those that the most discerning set for themselves. BMW Individual allows you to realise these standards in the car you drive.

Inspired by precious stones, BMW Individual paint finishes shine with their unique interplay of colours, while myriad pigments give surfaces three-dimensional depth that fills them with life. The BMW Individual paint finish Moonstone metallic has another exclusive effect: high levels of refraction surpassed only by diamonds. From every angle, the onlooker witnesses an ever-changing iridescence that reveals the golden yellows and blues of moonstone. The upholstery, also at first glance, reveals the outstanding quality of the choices available from BMW Individual. The BMW Individual fine-grain Merino full-leather in Platinum, with its colour-contrasting leather and harmoniously coordinated seams, is endowed with a highly distinctive character. Particularly careful processing and the omission of artificial embossing make the meticulous selection of the material extremely important. All this care brings significant rewards: a tangibly finer structure and a velvet-soft, breathable surface. The leather is applied generously, too, thus contributing even more to the luxurious feel. It features, for instance, on the instrument panel, the centre console and armrest and fully covers the door panels. The Piano finish Black interior trim is another elegant touch – and a finish that requires a high degree of craftsmanship usually reserved for piano lacquering. Finally, there is the equally impressive selection of fine woods for the trims, each with its own unique grain.



Experience BMW Individual interactive.
With the BMW Individual iPad App.



19" light alloy wheels V-spoke 349 I. Front 8.5 J x 19 with 245/40 R 19 tyres; rear 9 J x 19 with 275/35 R 19 tyres.



20" light alloy wheels V-spoke 374 I, forged. Front 8.5 J x 20 with 245/35 R 20 tyres; rear 9 J x 20 with 275/30 R 20 tyres.



BMW Individual contrasting stitching.



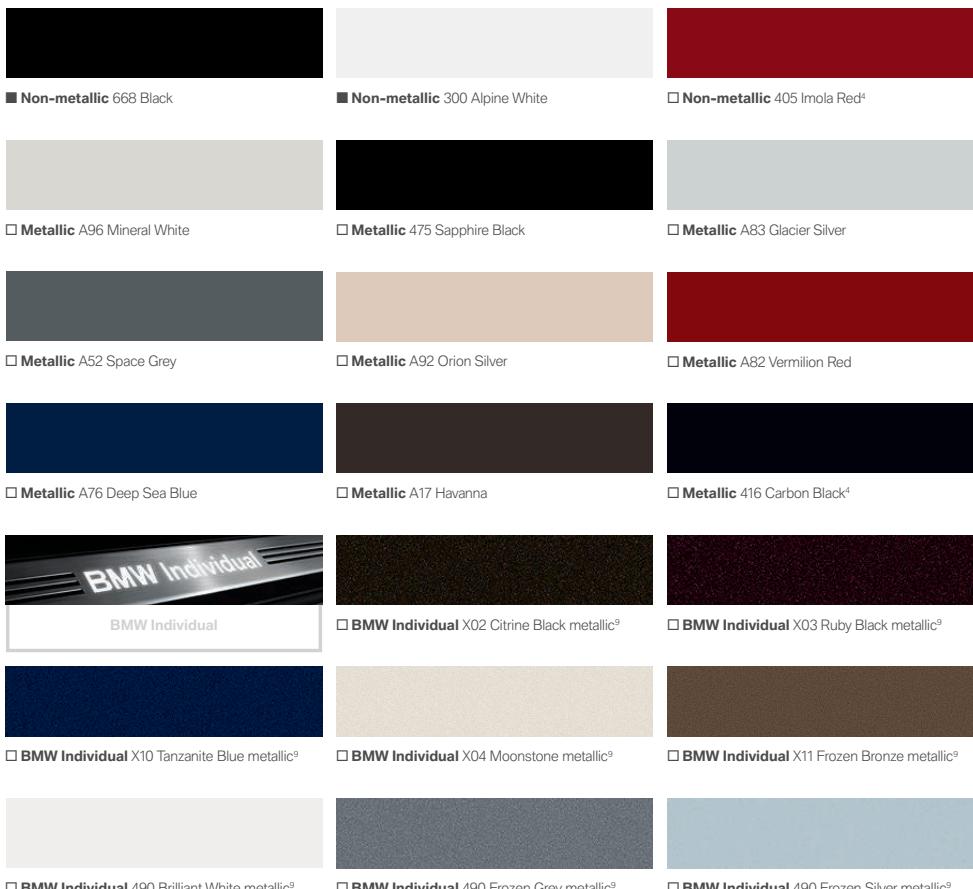
BMW Individual fine-grain Merino full-leather Platinum with contrasting stitching in Black and Alcantara roofliner Platinum.

BMW Individual paint finish
Moonstone metallic.



BMW Individual fine-grain Merino full-leather Platinum, Piano finish Black interior trim and leather steering wheel with wood inlay.

Exterior colours.



The following pages show the colours and materials available for the BMW 6 Series Gran Coupe. Use them to identify your favourite colours or compare various combinations. These colour samples are meant to give a first impression of paints and materials. Experience has shown, however, that printed versions of paint, upholstery colours and interior trims cannot in all cases faithfully reproduce the appearance of the originals. We therefore recommend that you consult your BMW partner on your preferred colour choices. They will be happy to show you samples and assist with special requests.

¹ Dakota leather on seat surfaces and backrests of front and rear seats, headrests and door armrests.

² Exclusive Nappa leather on seat and backrest panels of front and rear seats, headrests, seat sides and backrest parts, interior door mirror and door armrests front and rear. Only in conjunction with comfort seats.

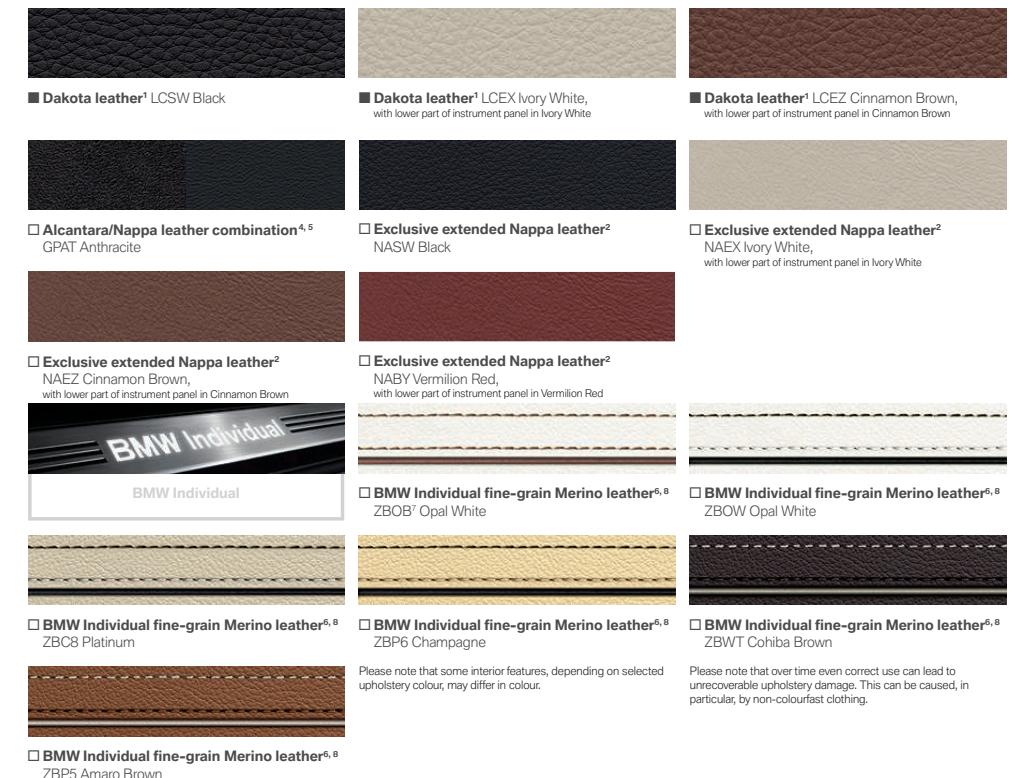
³ Only available in conjunction with leather-covered instrument panel and in the selected upholstery colour (in Dakota leather Black or Exclusive Nappa leather Black with Grey contrasting stitching).

⁴ Only available in conjunction with M Sport package.

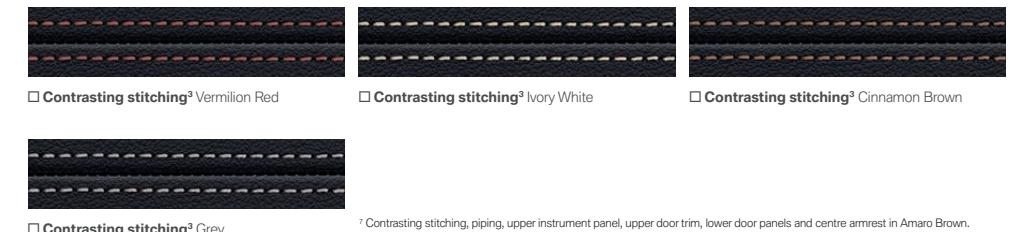
⁵ Not available in conjunction with contrasting stitching.

⁶ BMW Individual full fine-grain Merino leather equipment includes front and rear seats plus headrests, door panels, centre console incl. armrests and lower instrument panel. Upper part of the instrument panel, upper and lower door panel in Walknappa leather Black.

Upholstery colours.



Contrasting stitching.



⁷ Contrasting stitching, piping, upper instrument panel, upper door trim, lower door panels and centre armrest in Amaro Brown.

⁸ BMW Individual contrasting stitching and piping. Not available in conjunction with contrasting stitching option 4KS.

⁹ Only available in conjunction with optional Park Distance Control (PDC).

Interior colours.



Black, with roofliner in Everest Grey



Ivory White, with roofliner in Oyster



BMW Individual

 BMW Individual roofliner
775 Anthracite BMW Individual roofliner
XD5 Alcantara Platinum BMW Individual roofliner
XD5 Alcantara Champagne BMW Individual roofliner
XD5 Alcantara Amaro Brown BMW Individual roofliner
776 Alcantara Anthracite

Interior trim.



■ 4AT Black, high-gloss

 4AS Fine-wood trim Poplar Grain, Grey 4CV Fine-wood trim American Oak 4B9 Fine-brushed Aluminium 4MR Aluminium Hexagon⁴ BMW Individual interior trim
XE7 Piano finish Black BMW Individual interior trim
XEX Fine-wood trim Ash Grain White BMW Individual interior trim
XE5 Fine-wood trim Plane Auburn dark

- ¹ Dakota leather on seat surfaces and backrests of front and rear seats, headrests and door armrests.
- ² Exclusive Nappa leather on seat and backrest panels of front and rear seats, headrests, seat sides and backrest parts, interior door mirror and door armrests front and rear. Only in conjunction with comfort seats.
- ³ Only available in conjunction with leather-covered instrument panel and in the selected upholstery colour (in Dakota leather Black or Exclusive Nappa leather Black with grey contrasting stitching).
- ⁴ Only available in conjunction with M Sport package.
- ⁵ Not available in conjunction with contrasting stitching.
- ⁶ BMW Individual full fine-grain Merino leather equipment includes front and rear seats plus headrests, door panels, centre console incl. armrests and lower instrument panel. Upper part of the instrument panel, upper and lower door panel in Walknappa leather Black.
- ⁷ Only available in conjunction with optional Park Distance Control (PDC).

Combinations.

Interior colours	BMW upholstery colours				BMW Individual upholstery colours			
	Dakota leather ¹	Alcantara/ Nappa leather combination ^{1,5}	Exclusive extended Nappa leather ²	BMW Individual fine-grain Merino leather ⁶				
Standard seats	•	•	•	•				
Sport seats	•	•	•	•				
Comfort seats	•	•	•	•				
	Black	Ivory White	Cinnamon Brown	Athracite	Black	Ivory White	Cinnamon Brown	Vermilion Red
Upholstery colours					Black	Ivory White	Opal/White	Platinum
Interior colours					Black	Black	Black	Black
BMW exterior colours					Black	Black	Black	Black
Black non-metallic	•	•	•	•	•	•	•	•
Alpine White non-metallic	•	•	•	•	•	•	•	•
Imola Red ¹ non-metallic	•	•	•	•	•	•	•	•
Mineral White metallic	•	•	•	•	•	•	•	•
Sapphire Black metallic	•	•	•	•	•	•	•	•
Glacier Silver metallic	•	•	•	•	•	•	•	•
Space Grey metallic	•	•	•	•	•	•	•	•
Orion Silver metallic	•	•	•	•	•	•	•	•
Vermilion Red metallic	•	•	•	•	•	•	•	•
Deep Sea Blue metallic	•	•	•	•	•	•	•	•
Havanna metallic	•	•	•	•	•	•	•	•
Carbon Black metallic ^{4,8}	•	•	•	•	•	•	•	•
BMW Individual exterior colours								
Citrine Black metallic ⁷	•	•	•	•	•	•	•	•
Ruby Black metallic ⁷	•	•	•	•	•	•	•	•
Tanzanite Blue metallic ⁷	•	•	•	•	•	•	•	•
Moonstone metallic ⁷	•	•	•	•	•	•	•	•
Frozen Bronze metallic ⁷	•	•	•	•	•	•	•	•
Brilliant White metallic ⁷	•	•	•	•	•	•	•	•
Frozen Grey metallic ⁷	•	•	•	•	•	•	•	•
Frozen Silver metallic ⁷	•	•	•	•	•	•	•	•
BMW Interior trim								
Black, high-gloss	•	•	•	•	•	•	•	•
Fine-wood trim Poplar Grain, Grey	•	•	•	•	•	•	•	•
Fine-wood trim American Oak	•	•	•	•	•	•	•	•
Fine-brushed Aluminium	•	•	•	•	•	•	•	•
Aluminium Hexagon ⁴	•	•	•	•	•	•	•	•
BMW Individual Interior trim								
Fine-wood trim Ash Grain White	•	•	•	•	•	•	•	•
Fine-wood trim Plane Auburn dark	•	•	•	•	•	•	•	•
Piano finish Black	•	•	•	•	•	•	•	•
Instrument panel								
Contrasting stitching ²	•	•	•	•	•	•	—	—
Leather-covered instrument panel	•	•	•	•	•	•	—	—

Standard / Optional equipment.



Adaptive LED headlights for high and low beam, incl. high beam assistant, adaptive turning lights, cornering lights, side indicators and accent light with LED technology. The very bright light colour approximates daylight for excellent visibility. It is emitted via all four light rings, making the headlights unmistakable day and night.

Fog lights with LED technology for improved safety in poor visibility.



Xenon headlights for high and low beam, incl. variable light distribution and headlight washing system, for optimal illumination of the road at night and in poor weather or low light conditions. The four light rings with LED technology and daytime running function can be used as parking lights.

Adaptive turning lights with variable light distribution. The integrated turning lights are activated automatically when stationary if the indicator is used or as soon as the driver turns the steering wheel; with additional LED accent light.

High-beam assistant helps the driver at night by automatically switching between high and low beam according to oncoming traffic or vehicles driving in front.



Front grille with chrome frame and chrome grille bars (front and side, 650i and 650i xDrive); grille bar sides in black for the 640i/640i xDrive and 640d/640d xDrive.



Taillights with rear light, braking light and indicator with LED technology. The BMW-typical lights ensure optimum safety. Dynamic braking lights with flash function help vehicles following behind to see how hard you are applying the brakes for even greater driving safety.



xDrive is an intelligent all-wheel-drive system that distributes drive power flexibly and variably to the front and rear axles for maximum traction, directional stability and driving safety in every road situation.



Lettering "Gran Coupé" is elegantly positioned adjacent to the Hofmeister kink.



Side indicators with LED technology, integrated in the side gill for a distinct look.



Glass roof, electric, with touch control raising function and electric sliding headliner.



Third braking light with LED technology, raised, over the entire width of the roof and with trim in body colour.



Chrome Line exterior includes the side window surrounds and the window recess covers in high-gloss chrome. The aperture of the B-pillar, the rear doors' window guides and mirror triangle and base in high-gloss black.



BMW Individual High-gloss Shadow Line includes the side window surrounds and the window recess covers in high-gloss black.



BMW Individual Exterior Line Aluminium, satinated, includes the side window surrounds and the window recess covers in satinated aluminium.

Standard / Optional equipment.



Comfort Access with chrome insert in the door handle for opening and closing the BMW without using the remote control. The door handles include vicinity lights. Only available in conjunction with Ambient Light (standard for 650i and 650i xDrive).
 Soft Close Automatic gently closes the four doors.



Tailpipes. The BMW 640i/640i xDrive and 640d/640d xDrive have two single tailpipes with chrome surrounds on the right and left.



Tailpipes. For the BMW 650i and 650i xDrive, the two rhombus-shaped tailpipes with the Sport exhaust system are trimmed in dark chrome.



18" BMW light alloy wheels Star-spoke 365, 8 J x 18 with 245/45 R 18 runflat tyres.



19" BMW light alloy wheels Star-spoke 367 with mixed runflat tyres, front 8.5 J x 19 with 245/40 R 19 tyres; rear 9 J x 19 with 275/35 R 19 tyres; rear 9 J x 19 with 275/35 R 19 tyres.



19" BMW light alloy wheels V-spoke 366 with mixed runflat tyres, front 8.5 J x 19 with 245/40 R 19 tyres; rear 9 J x 19 with 275/35 R 19 tyres.



19" BMW light alloy wheels W-spoke 423 with mixed runflat tyres, front 8.5 J x 19 with 245/40 R 19 tyres; rear 9 J x 19 with 275/35 R 19 tyres.



20" BMW light alloy wheels V-spoke 356 with mixed runflat tyres, front 8.5 J x 20 with 245/35 R 20 tyres; rear 9 J x 20 with 275/30 R 20 tyres.



Sport leather multifunction steering wheel providing excellent overall feel. The integrated buttons ensure safe and comfortable control of telephone, voice and audio functions as well as cruise control; the eight-speed Steptronic sport transmission is operated with the gearshift paddles.



Instrument combination with four analogue instruments above the wide-format high-resolution Info Display, e.g. for the visualisation of the driving experience. Three modes, each with individual features, can be displayed: Comfort (shown here), ECO PRO and Sport with Shift Point Display and digital representation of output and torque.



Multifunctional Instrument Display (10.2") with Black Panel technology. For a unique visual representation of the driving experience. Three modes, each with individual features, can be displayed: Comfort (shown here), ECO PRO and Sport with Shift Point Display and digital representation of output and torque.



BMW Individual Sport leather steering wheel, as sport leather steering wheel but featuring a wooden inlay in the steering wheel rim.



Ceramic surrounds for various controls, such as the gear lever and iDrive Touch Controller. For a unique, high-quality feel.



Eight-speed Steptronic sport transmission, incl. a sportier gear lever and Sport+ mode for maximum dynamics, underscored by gearshift paddles on the Sport leather steering wheel. And, with Launch Control, the BMW can optimally accelerate from a standstill to its top speed.



Cupholders, two, in the centre console, easy to reach and positioned in front of the gearshift lever, two in the folding rear centre armrest.



Driving Experience Control switch, incl. ECO PRO mode enables driving in ECO PRO, Comfort, Comfort+, Sport and Sport+ modes at the touch of a button. The ECO PRO mode encourages an efficient driving style.



ECO PRO mode reduces fuel consumption. An indicator shows the ideal range for efficient driving, the automatic transmission shifts up early and the air conditioning operates at an energy-efficient optimum. Fuel saved is shown in the Info Display as bonus range.

Standard / Optional equipment.



Contrasting stitching: includes a double lap seam complementing the upholstery colour at the top of the instrument panel, door trim and on the centre console for an exclusive interior look.

Leather-covered instrument panel, with exclusive Nappa leather cover for an exclusive atmosphere in the interior. This equipment includes the instrument panel, door panels front and rear and the centre console.

Control Display with high-resolution colour display (6.5"). Shows the functions operated using the Controller. With the optional New Generation Navigation System Professional or the TV function, the screen includes a galvanised frame and measures 10.2" (10.2" shown here).

Intelligent Emergency Call*. In the event of an accident, this system automatically contacts the emergency services. Featuring an on-board SIM card, it transmits rescue-relevant data such as the vehicle's location to the BMW call centre. Emergency calls can also be sent manually to help, for example, other road users.



iDrive Touch Controller* for easy use of the iDrive system. With the Controller-integrated touchpad, for instance, destination addresses for the navigation system can be entered with your own handwriting, while the input is conveniently shown in the Control Display.

Integrated owner's handbook offers direct access to information on all car-specific content. The owner's handbook is easy to access via the iDrive Controller and is shown on the Control Display. The content is presented for optimum clarity with, for instance, multimedia graphics.

BMW Night Vision with Pedestrian Recognition and Acute Warning uses an infrared camera to detect people and animals up to a distance of 300 metres. As soon as the system registers a pedestrian or animal in the hazard area, a visual warning for the driver is shown in the Control Display. With Acute Warning, an acoustic signal is given and the brakes are primed to ensure the shortest possible stopping distance (BMW Night Vision is available in conjunction with the Navigation System Professional).



New Generation Navigation System Professional with high-resolution 10.2" colour display with splitscreen function, DVD drive (audio/video DVD, MP3 decoder), hard disk for navigation data, 3D map navigation, ECO PRO Route, RTTI capability*, satellite images, 20GB hard disk storage for audio files, music database, and voice control system with block command support (standard on ActiveHybrid 5).

Navigation System Business with high-resolution 7" colour display, CD drive (audio CD/MP3 decoder), internal storage for navigation data, Traffic Message Channel (TMC), 2D map navigation and ECO PRO Route.

Real Time Traffic Information (RTTI)*. Using traffic management systems plus data from vehicle fleets and mobile phones, this system provides live traffic reports. RTTI shows congestion on motorways, A and B roads and many urban routes. It also recommends efficient diversions.



Driving Assistant incl. Lane Departure Warning, Approach Control Warning and Pedestrian Warning with City Braking function. This camera-based system warns of unintentional lane changes from 70km/h, of potential collisions with pedestrians and of the possibility of driving into vehicles ahead.

Driving Assistant Plus includes Active Cruise Control with the Stop&Go function, which maintains a constant, pre-selected speed or actively adapts it according to the speed of the vehicle ahead. The Lane Departure Warning and Approach Control Warning further increase safety

Lane Change Warning. When the indicator is switched on to signal the intention to change lanes, and from 20km/h, this system recognises a vehicle in the driver's blind spot or approaching at high speed in the overtaking lane and warns the driver through steering wheel vibration and a signal in the exterior mirror casing.

Speed Limit Info incl. **no-overtaking indicator** registers the current speed limit and informs the driver on the Info Display or optional BMW Head-Up Display.



Rear View camera³ shows the area behind the car clearly in the Control Display. Interactive guidelines indicate, for example, if a parking space is large enough for the vehicle. The Rear View camera is automatically activated when reverse gear is engaged.

Park Distance Control (PDC), front and rear, facilitates parking and manoeuvring in confined spaces, giving acoustic signal and optical signals in the Control Display to indicate the distance between the car and an obstacle.



Parking Assistant³ facilitates parallel parking. The system measures parking spaces when travelling at speeds below 35km/h. When a space is found, the system takes over the steering while the driver assists the manoeuvre by accelerating and braking. The sensor is seamlessly integrated in the side indicator.

Full-colour BMW Head-Up Display presents driving-related information, such as current speed, directly into the driver's field of vision. All information of the BMW Head-Up Display can be projected in full-colour making it even more precise and easier to recognise. Navigation information, Speed Limit Info incl. no-overtaking indicator, Check/Control, entertainment and communication lists as well as warning messages from BMW Night Vision with pedestrian recognition can also be displayed.

* May not be available in all countries. Please consult your BMW partner.

¹ Available only in conjunction with the leather-covered instrument panel.

² Available only in conjunction with the New Generation Navigation System Professional.

³ Available only in conjunction with Park Distance Control.

Standard / Optional equipment.



□ Comfort Telephony with extended smartphone connectivity. Through the integration of selected business mobile phones*, email, appointments, contacts and text messages can be shown in the Control Display via the Bluetooth connection while on the move. With the text-to-speech function, they can even be read to you through the audio system's speakers. Comfort Telephony provides high speech quality and voice control and can connect simultaneously with multiple phones. A snap-in adapter with an external aerial and charging function is available from BMW Accessories.*



□ Harman Kardon Surround Sound System with a 600-watt digital amplifier, equalising, 16 loudspeakers including a centre speaker, DIRAC signal processing and surround mode. The system includes aluminium badging on the speaker cover of each mirror triangle.



□ DVD-changer, for six DVDs, supports multichannel audio DVDs, MP3-compatible, in conjunction with TV function or the New Generation Navigation System Professional with additional video function.



□ Bang & Olufsen high-end Surround Sound System with new Dirac Dimensions signal processing for an open and lively soundscape and excellent acoustics. This is achieved by 16 loudspeakers with 1,200 watts of music power, incl. an automatically extending centre speaker. This speaker includes a mid-range function and Acoustic Lens technology for consistent sound quality at any seating position in the car. Choose between two settings: Studio for extremely clear, studio-quality sound and Expanded for a wider sound experience. The light feature of all loudspeaker frames completes a perfect audio-visual experience.

■ Hands-free kit with USB interface allows the wireless connection of suitable Bluetooth mobile phones with the vehicle. The integrated USB interface allows you to connect appropriate audio sources such as MP3 players, iPods or USB sticks.



■ Automatic air conditioning with two-zone regulation and extended features, with air recirculation filter, fogging and solar sensor, Automatic Air Recirculation, individual automatic regulation with five intensity levels, stationary ventilation, residual heat utilisation and automatic temperature control (separate for driver and front passenger).



□ Automatic air conditioning with four-zone regulation, features as automatic air conditioning with two-zone regulation. In addition, the rear temperature can be adjusted individually via two rotary switches with display.

■ Seat heating for driver and front passenger, seat surfaces and backrests can be heated to three levels.
□ Seat heating for rear seats, seat surfaces and backrests of the outer seats can be heated to three levels.



□ Comfort seats for driver and front passenger, incl. memory function and lumbar support, electrically adjustable upper backrest segment, backrest width and thigh rest. Comfort headrest with electrically adjustable headrest height and mechanically foldable front headrest section.

□ Lumbar support for driver and front passenger seats, electrically adjustable in height and depth, for an ergonomically perfect seat position and support of the back muscles.

□ Active seat ventilation for driver and front passenger enhances comfort by ensuring a pleasantly cool seat temperature. Ventilators in the seat surface and backrest blow air through the perforated leather seat covers (with three levels).



□ Sport seats for driver and front passenger, incl. memory function. With beautifully designed integrated headrests, incl. high side supports for optimum side support; seat height, backrest and seat angle as well as forward/back position electrically adjustable. Thigh rest adjustment is manual.

□ Active seats for driver and front passenger ensure comfort on even the longest drive. The pelvis and lumbar area are cyclically mobilised by alternate raising and lowering of the seat surface.



■ Standard seats for driver and front passenger with electric adjustment of forward/back position, seat height, backrest and angle.

■ Memory function for driver and front passenger seats, exterior mirrors and electrically adjustable steering column.



■ ISOFIX child seat attachment in the rear on the two outer rear seats for safe attachment of a child seat with clip-in plug connectors plus additional fastening points on the upper part.



■ Rear seat bench with 4+1 seats (middle seat without headrest) and ergonomic seat belt system. With interior buckle, three three-point belts and headrests (incl. ISOFIX child seat attachment on the two outer seats).



■ Rear seat backrests can easily be folded down and split asymmetrically (60:40).



■ Rear light, in the roofliner, centrally positioned, incl. gimbal-mounted adjustable reading lights.

* May not be available in all countries. Please consult your BMW partner.

* Information on recommended equipment can be found at www.bmw.com/bluetooth

Standard / Optional equipment.



Door sill finishers, chrome, BMW lettering and fins illuminated (not in conjunction with M Sport package) and in high-gloss chrome, surrounded with fine-brushed aluminium insert (part of the Ambient Light option).



Ambient Light includes storage compartment in the centre console, door compartments and trim, door opening handle light, illuminated door sill finishers with metal insert (not in conjunction with M Sport package), vicinity lights in the door handles with integrated chrome inserts (standard for 650i and 650 xDrive).



Sun blind for the rear window, electric, affords protection from intense sunlight and prying eyes.

Sun blind for the rear side window, electric.



Ski bag allows up to two pairs of skis to be transported cleanly and safely while retaining access to all four seats. When not required, it can be stored, without taking up much space and out of sight, in the backrest.



Luggage compartment with 460-litre capacity, when the rear seat backrest is folded down up to 1,265 litres, sufficient for three 46" golf bags and additional luggage, including four latching eyes.



BMW Service Inclusive*. A one-off payment covers the costs, including Original BMW Parts, of an extensive range of maintenance and wear-and-tear services carried out by participating BMW Service partners worldwide. For more information, see www.bmw.com/serviceinclusive



Personal Profile. Depending on equipment, stores preferences for settings such as air conditioning temperature. They activate, depending on key used, when you open the car.
 Vehicle key with extended functions. Via iDrive, enables functionality of the key's third and fourth buttons.



BMW Welt. Taking delivery of a car has always ranked among the best moments for any driver. Now that moment can become a truly unforgettable day at BMW Welt, the experience and delivery centre in Munich, Germany. Visit the Museum, tour the plant or explore the Technology studio. BMW Welt brings you the true fascination of BMW. Experience more online at: www.bmw-welt.com

* This service may vary by country

■ Standard equipment

Optional equipment

Original BMW Accessories*.



20" light alloy wheels V-spoke 356, Liquid Black, and carbon wing mirror caps.



Snap-in media adapter for using the telephone or listening to music.



Rear carrier system for transporting up to two bicycles.



BMW holder for Apple iPad attaches to the front seat head-rest bars (not for sport seats).

Driving a BMW is always a special experience, but it can be made even more so with Original BMW Accessories thanks to their combination of unique ideas, supreme functionality and stunning design. Discover a wide range of innovative features for areas including the exterior and interior, communication and information, as well as transportation and luggage. For more information on the accessories available, please contact your BMW Service partner or visit:

www.bmw.com/accessories

* May not be available in all countries. Please consult your BMW partner.

	640i 640i xDrive	650i 650i xDrive	640d 640d xDrive
Unladen weight EU ¹	kg	1825	1940
Unladen weight ² (xDrive)	kg	1900	2015
Max. permissible	kg	2360	2465
Max. permissible (xDrive)	kg	2430	2550
Max. load	kg	570	570
Permitted axle load, front/rear	kg	1130/1295	1210/1315
Permitted axle load, front/rear (xDrive)	kg	1180/1300	1260/1340
Permitted roof load	kg	75	75

	640i 640i xDrive	650i 650i xDrive	640d 640d xDrive
Cylinders/valves	6/4	8/4	6/4
Capacity	cc	2979	4395
Stroke/bore	mm	89.6/64.0	88.3/69.0
Output/engine speed	kW/rpm	235/ 5800-6000	330/ 5600-6000
	(hp/rpm)	(320/ 5800-6000)	(450/ 5500-6000)
			(313/ 4400)
Max. torque/engine speed	Nm/rpm	450/ 1300-4500	650/ 2000-4500
			630/ 1500-2500
Compression ratio	:1	10.2	10.0
			16.5

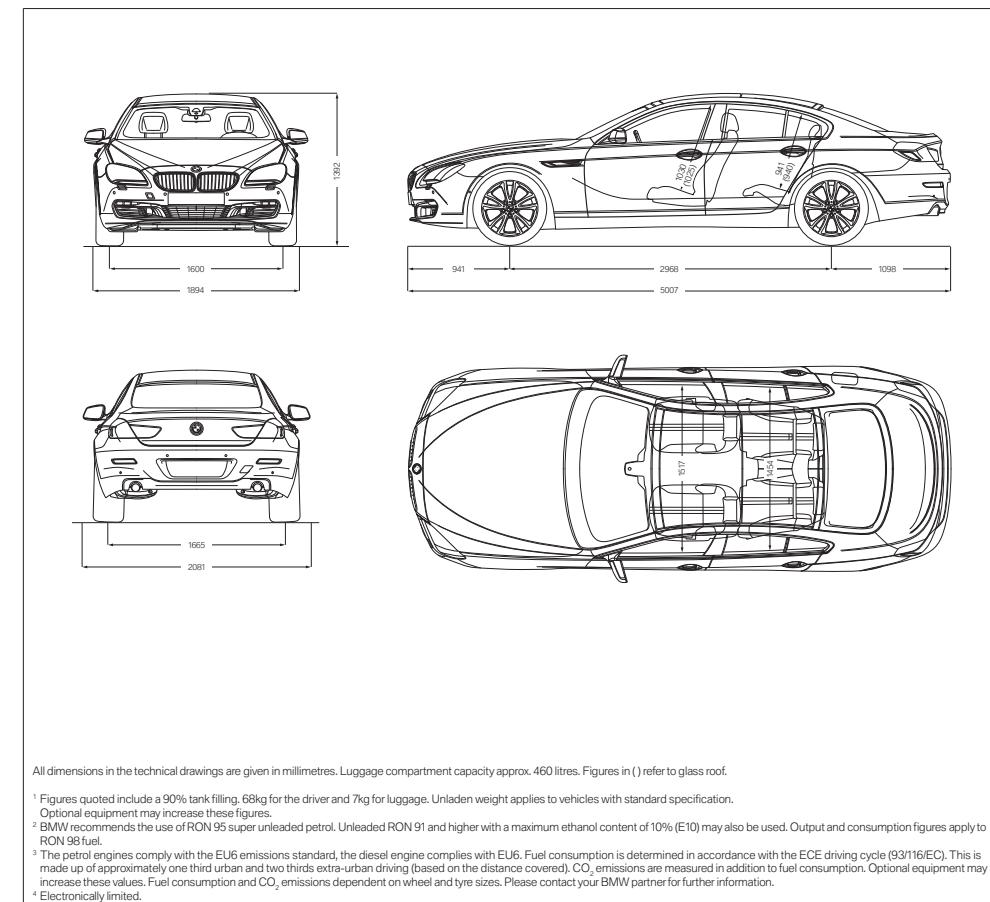
	640i 640i xDrive	650i 650i xDrive	640d 640d xDrive
Standard transmission ratios			
I/II :1	4.71/3.14	4.71/3.14	4.71/3.14
III/IV :1	2.11/1.67	2.11/1.67	2.11/1.67
V/VI :1	1.29/1.0	1.29/1.0	1.29/1.0
VII/VIII/R :1	0.84/0.67/3.30	0.84/0.67/3.32	0.84/0.67/3.32
Rear axle ratio	:1	3.23	2.81
			2.81

	640i 640i xDrive	650i 650i xDrive	640d 640d xDrive
Top speed	km/h	250 ⁴	250 ⁴
Acceleration 0–100km/h	s	5.4	4.6
Acceleration 0–100km/h (xDrive)	s	5.3	4.4

	640i 640i xDrive	650i 650i xDrive	640d 640d xDrive
Urban	l/100km	10.6–10.8	11.9–12.3
Urban (xDrive)	l/100km	11.2–11.4	12.9–13.1
Extra urban	l/100km	6.0–6.1	6.6–6.8
Extra urban (xDrive)	l/100km	6.3–6.5	7.1–7.2
Combined	l/100km	7.7–7.8	8.6–8.8
Combined (xDrive)	l/100km	8.1–8.3	9.2–9.4
CO ₂ emissions	g/km	179–183	199–206
CO ₂ emissions (xDrive)	g/km	189–193	215–219
Tank capacity, approx.	l	70	70
			70

	640i 640i xDrive	650i 650i xDrive	640d 640d xDrive
Tyre dimensions	245/45 R 18 Y	245/45 R 18 Y	245/45 R 18 Y
Wheel dimensions	8 J x 18	8 J x 18	8 J x 18
Material	light alloy	light alloy	light alloy

	640i 640i xDrive	650i 650i xDrive	640d 640d xDrive
Battery capacity	Ah	105	105
Alternator output	A	210	210
	W	2940	2940
			2520



The BMW Service concept: always up to speed. When you buy a BMW, you can look forward to superb service and comprehensive customer care, with a worldwide network of more than 3,300 BMW Service partners in more than 150 countries ready to assist you at any time. The vehicle's on-board diagnostics keep you informed of when the car is next due for a check-up and what work needs to be done: **Condition Based Service (CBS)** tracks service fluids and the condition of essential parts subject to wear. It also monitors the time- and mileage-linked service requirements of your BMW. Using these measurement data, the Info Display in the cockpit automatically alerts you in advance whenever

any part of the vehicle requires servicing. The iDrive Control Display contains exact information on which vehicle components will need to be serviced and when. In conjunction with BMW Teleservices*, the innovative telematics service provided by BMW Service, the CBS data are automatically transmitted to your BMW Service partner. This means that your service consultant has more time for you, and can provide more comprehensive advice. Your BMW Service partner will of course have **Original BMW Parts** available for any work to be done. In short: quality and safety are our top priorities.

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The advantages:
 - Total cost transparency.
 - No price increase over the agreed duration.
 - Time-saving automated processes.
 - Flexible duration, mileage and service level.
 - Entirely transferable to the next owner.
 - Mileage, duration and service level can be optionally upgraded at any time.

The BMW Service Inclusive packages are available from your BMW Service partner, at a price that is significantly lower than buying each service individually. For more information visit www.bmw.com/serviceinclusive

* May not be available in all countries.
 Please consult your BMW partner.



With **BMW Teleservices***, you are always in safe hands. This feature enables your BMW to contact your BMW Service partner and register itself for a service appointment. As soon as the CBS sensors detect a service requirement, the vehicle will initiate an automatic BMW Teleservice call and transmit all service-related data – which previously had to be collected in the workshop. Your service consultant will then call you back to arrange an appointment. As vehicle information is transferred in advance, time in the workshop can be spent more efficiently, and your BMW will be back on the road more quickly. In the unlikely event of a breakdown, BMW Teleservice Diagnosis enables you to transmit vehicle and location data directly to BMW breakdown assistance. With BMW Teleservice Assistance, malfunctions can often be remedied remotely, getting you back on the road in no time. For further information, visit www.bmw.com/teleservices



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SHAPING THE FUTURE – RESPONSIBLY.

For the eighth time in a row, the BMW Group has been ranked the most sustainable automotive company worldwide in the Dow Jones Sustainability Index. This is because sustainability is an integral part of our value chain – it encompasses every stage from the development of fuel-saving and alternative vehicle concepts to eco-friendly production processes and recycling. Our research and development philosophy, BMW EfficientDynamics, delivers tangible benefits to customers, our climate and the environment. Since 1995, for example, our

European new-vehicle fleet's CO₂ emissions have dropped by more than 30%.

But that's not all. We plan to reduce the amount of resources – such as water and energy – consumed by our vehicle manufacturing operations by 45% per vehicle over the period from 2006 to 2020. In our engine plant in Steyr, Austria, we've already reached the next level: since 2007, production there has generated no waste water at all.

And of course each of our vehicles is designed for easy and economical recycling after its long running life. Please contact your BMW partner on all matters regarding your end-of-life vehicle. Further information on this topic is also available on our website.

www.bmw.com/recycling
www.bmw.com/EfficientDynamics
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