

THE BMW 5 SERIES SEDAN.

JOY IS AN EXPLORATION OF BEAUTY.

BMW Efficient Dynamics Less emissions. More driving pleasure.





INSPIRING DESIGNS DON'T ALWAYS BEGIN ON PAPER.

Beauty, they say, is in the eyes of the beholder. The beauty of a BMW is based on ideas. In the case of the BMW 5 Series Sedan, the designers' idea was to reinvent motion, using distinctive and elegant lines. They designed an elongated front section, which suggests power while helping to lower fuel consumption. The interior design is both harmonious and dynamically charged. Find out more about dynamism in its most beautiful form at bmw.ca/5series.











The BMW 5 Series Sedan

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www.bmw.ca

Specifications of model shown: BMW 535i

Engine: BMW TwinPower Turbo in-line six-cylinder engine Power output: 300hp Wheels: 19" V Spoke alloy wheels - Style 331 Exterior colour: Space Grey, metallic

Information Provid Chierochim: Fineline Anthracite

Editorial

STYLISH ELEGANCE.

The art of design.

Every thing of beauty begins with an idea. The timeless profile of the BMW 5 Series Sedan started out that way, as an idea in the heads of BMW designers.

Combined with superb engineering and precise manufacturing technology. this aesthetic vision became the BMW 5 Series Sedan. The creative design process is symbolized by the "Kinetic Sculpture." a threedimensional arts installation in the BMW Museum in Munich. It features 714 silver spheres floating up and down, in apparent defiance of gravity. As they do so, they alternately form abstract shapes and the silhouettes of well-known BMW automobiles, captivating the attention of the visiting public. The art of great automobile design is to create the one perfect shape from among countless possibilities.

Since its redesign and reopening in 2008, the BMW Museum, together with the BMW plant and BMW Welt, has been part of a unique brand experience at the BMW headquarters in Munich. Exhibits include the first BMW 5 Series Sedan from 1972, which pioneered the modern model series nomenclature of the BMW 3 Series, 5 Series, 6 Series, and 7 Series. Together, there are 125 exhibits on display, using the most advanced museum technology to illustrate the history and innovative ability of Bayerische Motoren Werke.

✓ www.bmw-museum.com

What is it about the BMW 5 Series Sedan that makes it so hard to take one's eyes off it? Is it the expressive front? The sporty contours of the hood? The distinctive tail? The car's overall elegance? The dynamic movement it suggests? Or is it simply the fact that the BMW 5 Series Sedan epitomizes aesthetic perfection?



reddot design award winner 2010

06 07 Exterior







A FORMULA TO CAPTIVATE THE SENSES.

The BMW 5 Series Sedan is a fusion of sportiness and elegance, dynamism and efficiency, agility and comfort. It all adds up to something very special:





OUR ENGINEERS EXPEND ALL THEIR ENERGY TO ENSURE THAT YOU EXPEND LESS OF YOURS.

BMW EfficientDynamics is our name for a suite of technologies used to simultaneously lower fuel consumption and enhance driving pleasure. Everything in the BMW 5 Series Sedan is designed for maximum efficiency, a virtue that comes as standard in every BMW. This includes pioneering engine technology and aerodynamics. Even the surplus kinetic energy of the car that becomes available when you lift your foot off the accelerator or step on the brake is not wasted: thanks to Brake Energy Regeneration, it is converted into electricity and fed into the battery. This reduces the demand on the engine, resulting in increased fuel efficiency. Just one of the many features that contribute to making driving pleasure more energy-efficient than ever.









Engines drive cars. That's what the intellect tells us. But the heart knows that a BMW engine does much more than just power a car. It's an alchemist. The engines in the BMW 5 Series Sedan turn energy into emotion. Torque into a quickening pulse. Refinement into relaxation. Pulling power into exhilaration. The immediate power delivery of the BMW 5 Series Sedan engines converts a minimal amount of fuel into maximum driving pleasure.

YOU CAN'T DESIGN EMOTIONS. BUT YOU CAN DESIGN ENGINES TO AWAKEN THEM.



BMW ConnectedDrive is the name we've given to the host of BMW technologies that establish an information network to effectively integrate the car and driver with their environment. In every situation, you can count on optional assistance systems, offering you the ultimate in safety, comfort, and convenience. From the Information Service to the Advanced Automatic Collision Notification, triggered in the event of a collision, to the innovative Head-Up Display projecting important information on the car's windshield, BMW ConnectedDrive is all about making sure nothing comes between you and the joy of driving.

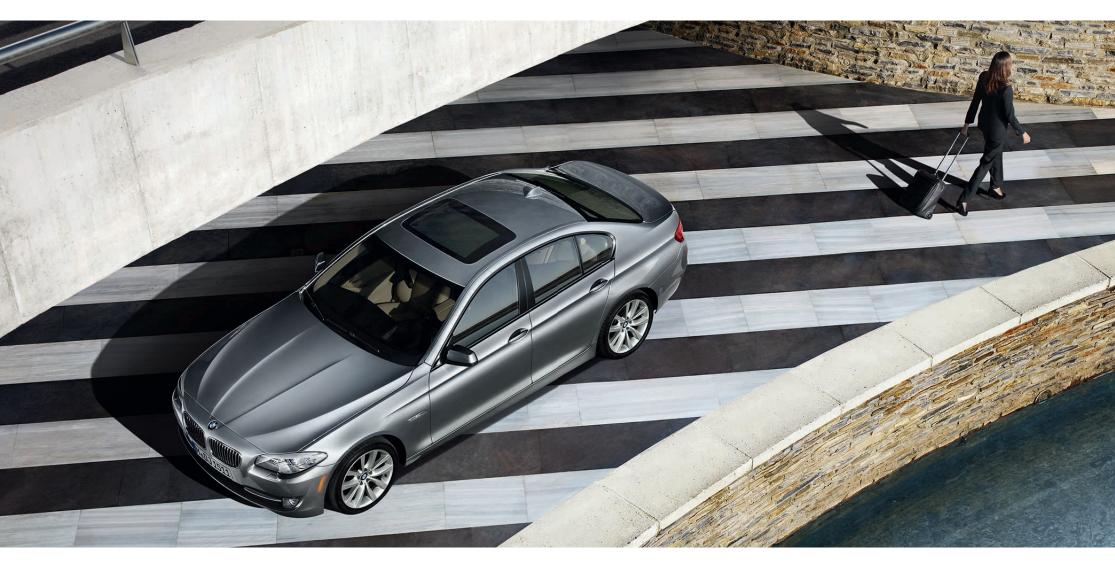








THE BMW 5 SERIES SEDAN. IQ AS WELL AS HP.



The innovative BMW ConnectedDrive system is all about making life easy. When parking, for example, even tight parking spaces are no problem to get into. The optional Park Assistant measures the size of the parking spot and automatically steers the car into it, at the press of a button – all you have to do is operate the accelerator and brake pedals. The optional Surround View, which includes Top View and Side View Cameras, provides further assistance: this system helps you see around you even when things get tight. It's just another way in which BMW ConnectedDrive makes driving easier.



A BMW SHOULD ALWAYS RADIATE DYNAMISM.

Adrian van Hooydonk (44), Head of BMW Group Design, invited us to join him on an exclusive test drive. An interview with the expert about the design of the BMW 5 Series Sedan.

Interview: Brian Finally



Exterior designer Jacek Fröhlich gets to work on his design model.

Adrian van Hooydonk, what is it that makes the BMW 5 Series Sedan so special? This sedan is like a perfectly tailored suit. It always looks great, be it on a business trip, a holiday, or in everyday driving.

What does the 5 Series Sedan represent in the current BMW portfolio? The BMW 5 Series Sedan is the core product of the brand. It has the longest history and embodies the ideal blend of sportiness and elegance. Our new design features a very dynamic front and rear, while the silhouette appears above all elongated and elegant.

What are the details that set this car apart from its predecessor? We have developed a very upright kidney grille for the BMW 5 Series Sedan. It is even slightly angled towards the front to emphasize the sportiness of this model. It also establishes a

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Adrian van Hooydonk, Head of BMW Group Design, introduces the BMW 5 Series Sedan.

link with our design history. The vehicle has a slightly more crouching stance than its predecessor, which gives it a more dynamic edge.

Would you agree with our perception that you have really managed to unite three design ideas in one vehicle – an extremely distinctive front, an elegant side view, and a sporty rear? The viewer will always perceive a vehicle in its entirety. We started with the premise that the BMW 5 Series Sedan was to represent the epitome of a sporty executive sedan. And while it is an unmistakable member of the top-end range, it must also possess individual design features. These are apparent in the exterior: the BMW 5 Series Sedan has a charismatic front that conveys the car's dynamism. The side view is all about its distinctive and assured style, while the rear shows a natural, authentic sportiness. In the interior, we aimed for a sophisticated, contemporary look, coupled with tailor-made functionality.

Interior designer Oliver Heilmer checking the lines and dimensions of the body on the clay model.

You put great emphasis on the dynamism of this model. But how sporty can a BMW 5 Series Sedan be? A BMW should always radiate dynamism. The BMW 5 Series Sedan appeals predominantly to customers who get a lot of joy out of driving – and that includes the odd long journey – and who therefore appreciate the trademark BMW dynamism. The proportions of the BMW 5 Series Sedan have been clearly defined throughout its history: a long hood, short front overhang, long wheelbase, an occupant cell offset towards the rear of the car, and a coupé-like roofline. In silhouette, each of our sedans shows these characteristics. In my opinion, the BMW 5 Series Sedan possesses very harmonious and well-balanced proportions, combined with the timeless elegance that has become synonymous with our large model series.

Let's talk about the lines of the hood: what is the function of these small but significant design features? The two character lines on the hood add precision and definition to the model's overall looks.

A closer look reveals just how much attention has gone into designing the details. Even the door handles are exactly level with the side contour line – presumably this has been well thought out? Features such as the integrated door handles or the dynamic shape of the indicators testify to the special role BMW has always attributed to sophisticated details. These beautiful, well-designed elements round off the overall impression of the vehicle and showcase our ability to translate our ideas into practice on a technical level.



Sketch of the exterior of the BMW 5 Series Sedan.



The headlights feature an eyebrow-like arch, while the tail lights have a pronounced L-shape. What motivated you to create such distinctive lights? For us, it is important that people will recognize this car as a BMW even in the dark. The most important feature in this respect is the focused "look" oriented towards the road. This is achieved by the twin headlights and their slightly arched top edges – the eyebrows you were referring to. The trademark L-shape of the taillights has been a staple throughout this model's history. However, illumination is provided by very contemporary LED elements.

Can you explain why the kidney grille is especially distinctive and wide? The kidney grille is of course more than a design element. First and foremost, it serves as an air inlet. But in the BMW 5 Series Sedan, it also conveys the message that this sedan has lots of sporting personality.

Thank you very much for this exclusive interview! It was a pleasure talking to you.





When you're getting into the BMW 5 Series Sedan for the first time, you'll want to pause for a moment to take in the ambience. What you'll notice first is the clean lines and inherent harmony of the design: uncluttered, elegant surfaces with neatly arranged control elements meet high-class materials and top workmanship. The overall effect is a feeling that you have arrived in the right place. A little later, you'll notice that this design is not only beautiful; it is also extremely functional: everything is designed for typical BMW driving pleasure. Every control and display is ergonomically optimized, angled towards the driver and located in just the place where you would want it to be. So you can focus all your attention on the road ahead of you. If you cast your eyes a little towards the centre console, your gaze aligns with the perfectly integrated 10.2-inch Control Display of the optional Navigation System Professional (standard on the BMW 550i models). On the other side. integrated in the exterior mirror, the optional Active Blind Spot Detection features a flashing indicator warning you of any vehicles in your blind spot. And right in front of you is the optional Head-Up Display, projecting important data directly into your field of vision for example, navigation instructions for a complex road layout coming up ahead. So you never have to avert your eyes from the road - a driver assistance system without parallel in its class. It is intelligent technology, intelligently integrated into an interior that exudes a unique sense of style.

PERFECTION.

ALL THE INTERIOR DETAILS OF THE BMW 5 SERIES SEDAN COMBINE TO FORM AN INTEGRATED WHOLE. EVERYTHING FEELS JUST RIGHT.



IN THE INTERIOR OF THE BMW 5 SERIES SEDAN, EVEN SMALL DETAILS SUPPORT A LOFTY GOAL: PERFECTION.



Each seat in the BMW 5 Series Sedan has been designed with one goal in mind: maximum comfort. Space in the rear seats is generous, with ample leg- and headroom, even for tall passengers. The interior combines high-class materials, including premium wood trims and Dakota Leather, with perfect workmanship. This approach has created a luxurious interior that ensures a pleasant journey for all.



generous amount of space, the front and rear passengers also benefit from unique equipment details that ensure maximum comfort, even on longer journeys. From the optional 18-way power-adjustable Comfort Seats for driver and front passenger to the optional rear-seat entertainment system, comprising two 9.2-inch monitors, a separate DVD drive, and easy-to-use controls. And finally: the sound. The 16 high-end loudspeakers of the optional HiFi System Professional are distributed across the entire interior, creating the brilliant acoustics of a concert hall in your BMW 5 Series Sedan at the touch of a button. The only difference: in the BMW 5 Series, everyone has the best seat in the house. Once you sit down in the BMW 5 Series Sedan, you won't want to get out.









WE HAVE THOUGHT OF IT SO YOU DON'T HAVE TO.

From innovative driver assistance systems to the revolutionary Integral Active Steering and powerful engines – the technology in the BMW 5 Series Sedan cannot defy the laws of physics. But it uses them in novel ways, to enable you to relax while enjoying your drive.

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 a part of our multiple-award-winning sustainability strategy. BMW EfficientDynamics represents the most comprehensive package of innovative technologies for reducing fuel consumption and emissions - while simultaneously increasing driving dynamics - that is currently in standard production. With it, BMW has been able to reduce the CO₂ emissions of its entire fleet by approximately 30% since 1995. Thirty one models produce less than 140 g of CO₂ per kilometre, and BMW has already rolled out more than two million vehicles equipped with Efficient Dynamics. BMW intends to achieve a further 25% reduction by 2020.

Different paths to the same destination: unmistakable BMW driving pleasure.

With EfficientDynamics, BMW is continuously developing innovative systems that will bring us nearer to the goal of emission-free mobility in the long term. Driving pleasure has not been forgotten. It's being pursued in four different ways at once. The optimization of models with conventional diesel and gasoline engines continues. Meanwhile, the BMW Hydrogen 7 has impressively demonstrated just how much potential there is in the combination of a hydrogen drive and combustion engine. In early 2010 BMW launched its first production models with hybrid drive: the BMW ActiveHybrid 7 and the BMW ActiveHybrid X6. Both models offer exemplary efficiency and dynamism to an unequalled degree. Based on the BMW Concept ActiveE, with its innovative 100% electric drive system, a whole new form of dynamism will be introduced - a model that will pave the way for the emission-free mobility of the future. And finally, a completely new vehicle concept targeted at meeting the need for sustainable mobility in fast-growing conurbations will soon become reality in the shape of the Megacity Vehicle (MCV), specially developed as part of project i.



Vision becomes reality: BMW Vision EfficientDynamics. Highlighting BMW's position as the world's leading manufacturer of exceptionally sporty yet incomparably efficient vehicles. The BMW Vision EfficientDynamics test model has a latest-generation fully hybrid system with output of 328hp. A three-cylinder turbo diesel (160hp, 214 lb-ft torque) as well as a hybrid synchronous engine on the front axle (166 lb-ft) and a fully hybrid drive system on the rear axle (155 lb-ft) give the vehicle a range of up to 700 kilometres. This sports car's ratio of dynamism to fuel consumption is quite simply unmatched.

THE BMW EFFICIENT DYNAMICS MEASURES IN THE **BMW 5 SERIES SEDAN AT A GLANCE:**



High Precision Injection.

This latest-generation direct fuel injection system features Piezo injectors located right next to the spark plugs. They inject fuel at high pressure with maximum precision, ensuring particularly efficient combustion.

BMW TwinPower Turbo technology.

This innovative turbocharging technology efficiently reclaims the energy contained in exhaust gases, using either two turbochargers in the BMW 550i or a single TwinScroll turbocharger in the BMW 535i.

8-speed automatic transmission with Steptronic®.

The close spacing of gear ratios in the standard 8-speed automatic transmission enables maximum use of the optimum rev range, lowering fuel consumption and enhancing shift comfort.

Valvetronic®.

Instead of using a traditional throttle, Valvetronic technology lets the engines in the BMW 528i and 535i models breathe more easily by varying the lift height of the valves to regulate air intake. The result: improved cold starts, smoother running, and a significant drop in fuel consumption.

Electric Power Steering.

Unlike conventional hydraulic steering systems, electric steering only uses energy during actual steering. When the steering wheel position is constant the electric motor is inactive. (Only available for rear-wheel drive models.)

Brake Energy Regeneration.

Normally, to supply the battery with electrical energy, the alternator is permanently driven using engine power, which consumes more fuel. Brake Energy Regeneration means that the alternator usually only generates electricity when drivers take their foot off either the accelerator or brake - previously unused kinetic energy is transformed in coasting mode into electrical energy before being fed into the battery. So electricity is generated while coasting, without consuming additional fuel.

A number of BMW EfficientDvnamics measures are equipment-dependent and not available for all model variants. Your BMW partner will be pleased to advise you further.



IT ALL REVOLVES **AROUND JOY. SEVERAL THOUSAND** TIMES PER MINUTE.



The engine. Power, responsiveness, and revving ability characterize every BMW engine. Naturally, all of the engines available in the BMW 5 Series Sedan also follow the BMW EfficientDynamics philosophy, aiming to combine performance with maximum efficiency, minimizing both fuel consumption and CO₂ emissions. Whichever engine you choose, you can be certain that you will enjoy maximum driving pleasure combined with superb efficiency.

BMW 550i and 550i xDrive®

The top-of-the-line engine is a BMW TwinPower Turbo V8 featuring two parallel turbochargers. These ensure a maximum torque of 450 lb-ft, available from 1,750 to 4,500 rpm. With a maximum power output of 400hp, the engine takes just 4.9 seconds to accelerate the car from 0 to 100 km/h. Thanks to High Precision Injection, it is also extremely fuel-efficient.

BMW 535i and 535i xDrive

This BMW TwinPower Turbo in-line The refined BMW 528i has a power six-cylinder engine combines a TwinScroll turbocharger with Valvetronic and High Precision Injection. This intelligent innovation package significantly lowers fuel consumption, while enabling impressive power: 300hp, a maximum torque of 300 lb-ft, and acceleration from 0 to 100 km/h in just 5.9 seconds.

BMW 528i and 528i xDrive

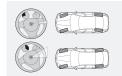
output of 241hp and is very fuelefficient. Double-VANOS ensures an ideal torque curve across the entire rev range. UC average fuel consumption of this in-line six-cylinder engine is 8.1 L/100 km. Acceleration from 0 to 100 km/h takes just 7.0 seconds.







The BMW 5 Series Sedan is available with a host of innovative technologies that help you enjoy your drive. Many of these optional systems are intelligently networked with each other. Their interaction maximizes both your safety and your driving pleasure.



Integral Active Steering

The optional Integral Active Steering combines rear-wheel steering with a variable steering ratio on the front wheels. At speeds and Dynamic Damping Control, up to approximately 60 km/h, the rear wheels turn in the opposite direction to the front wheels. This makes the wheelbase feel shorter, for enhanced agility and manoeuvrability. At speeds above approximately 80 km/h, the rear wheels turn the same way as the front wheels. This increases both driving stability and comfort.



Adaptive Drive

The optional Adaptive Drive combines two active chassis and suspension control systems: Dynamic Drive the latter allowing you to set up the dampers the way you prefer them. With Dynamic Drive, active stabilizers to absorb bumps in the road and at the front and rear axles minimize vehicle movements. Body roll is significantly reduced, so your passengers arrive more relaxed or can even do some work on the way.



Dynamic Damping Control

This enables the driver to adjust the dampers to the relevant driving situation. In addition to the "Normal" setting, two other modes are available: "Comfort" has a soft damper setting, enabling the car minimizing vehicle movement. "Sport," on the other hand, selects of your BMW. In conjunction a stiffer suspension setting, enhancing driving dynamics.

Dynamic Driving Control

By pressing a button, you can adjust the driving characteristics of the BMW 5 Series Sedan according to your requirements. The system fine-tunes such features as accelerator response or power steering, enabling you to individualize the dynamic feel with Adaptive Drive and Dynamic Damping Control, the dampers can be fine-tuned as well, for maximum ride comfort.

8-speed sport automatic transmission with Steptronic®

HERE IS WHY.

This enables very fast and very comfortable gear shifts using the selector lever or gearshift paddles on the sport leather steering wheel. The close spacing of the eight gears optimizes acceleration, while also improving efficiency and shift comfort.

Double-wishbone front suspension

THE DRIVING EXPERIENCE IN THE

BMW 5 SERIES SEDAN IS UNIQUE.

This minimizes the effect of poor road surfaces. The doublewishbone design removes lateral and longitudinal forces acting on the dampers, enabling them to respond even more sensitively to the road. Both the front axle and the rear axle are made entirely from aluminum. This reduces unsprung masses and further enhances comfort.

Dynamic Stability Control (DSC)

Highly sensitive sensors monitor driving conditions on a permanent basis and optimize directional stability and traction as required, via engine and brake management interventions. This makes it easier to control the vehicle even in poor road conditions, enhancing both safety and driving pleasure.

Passive safety

All safety components complement each other perfectly. Up to six airbags offer specific protection: airbags for the driver and front passenger, front-to-rear head airbags, and side airbags for the driver and front passenger, while active headrests at the front reduce the risk of whiplash injuries. In addition, the Advanced automatic collision notification (included with BMW Assist) forwards relevant data such as injury risk and vehicle location to emergency services. In this way, rescue personnel can assess likely injuries more quickly and act more effectively.



BMW Connected Drive. In touch with your world.





The IT revolution has changed the way we live. For BMW drivers, it has become normal to view their vehicle as another networked component of their lives – they expect to be able to access information on the go, communicate via phone or e-mail, and keep up with the latest news. The term BMW ConnectedDrive

comprises all the packages and innovative technologies that enable the networking of BMW vehicles and their occupants with the outside world. BMW ConnectedDrive innovations optionally enhance safety, infotainment, and convenience.

BMW CONNECTED DRIVE: INTELLIGENT NETWORKING TO LINK THE DRIVER, VEHICLE, AND ENVIRONMENT.

Safety







BMW Night Vision with pedestrian detection.

An optional infrared camera in the front bumper detects people and animals up to a distance of 300 metres. The camera images are shown in the Control Display, Pedestrian recognition also gives a visual warning to indicate any people within close proximity to the road. This enables the driver to recognize dangerous situations sooner and take more timely action.



Head-Up Display.

An optional Head-Up Display is available for the BMW 5 Series Sedan, enabling drivers to keep their attention on the road at all times. Key information is projected directly into the driver's field of vision, using a multicolour TFT display. Information such as the current road speed and navigation instructions are shown on the Head-Up Display.



$\label{thm:control} \mbox{Active Cruise Control with Stop \& Go function, collision warning, and braking function.}$

Optionally enhances comfort and active safety in stop-and-go traffic. The system keeps track of the gap to the vehicle ahead and automatically maintains an appropriate distance. Once the lane ahead becomes free, the system accelerates again to the desired speed. The system also allows the vehicle to come to a complete stop and re-accelerate once the vehicle ahead begins moving.



Lane Departure Warning and Active Blind Spot Detection System.

At speeds above approximately 70 km/h, the Lane Departure Warning System registers lane markings, up to 50 metres ahead. If the vehicle threatens to swerve out of its lane, the system warns the driver by making the steering wheel vibrate. If the driver has activated the turn signal indicator – meaning that the lane change is intentional – the warning is suppressed. Active Blind Spot Detection further enhances safety by alerting the driver via an indicator integrated into the exterior mirror if there is a vehicle located in the driver's blind spot, or approaching quickly from behind.



Infotainment



From: Jason Myers

To: Richard Dunn 05/26/2010

Re: Invitation - opening reception

for your kind invitation! We are

happy to attend with four

Dear Richard, thank you very much

participants. Please be so kind to

3:22 pm







Bluetooth interface with extended functionality (Mobile Office).

Now you can use the time you spend in your car even more effectively. Thanks to the connection of Bluetooth and USB devices in conjunction with the optional Navigation System and the intelligent integration of selected business mobile phones, you can use a Bluetooth connection to display e-mails, appointments, tasks, or SMS messages on the Control Display, or have them read out via the car speakers using the read-aloud function. And with Bluetooth Audio Streaming you can play music files wirelessly using selected Bluetooth-compatible devices.1

USB interface with extended functionality.

With the standard USB interface and an original Apple iPod USB cable. you can have the original album cover for each track displayed as it plays on your BMW's Control Display, allowing tracks to be quickly and easily sorted (this function is also available for other devices). The USB interface can also be used to quickly and simply update some of your BMW's vehicle software. So after updating via a USB stick, you will be able to use all the features of compatible next-generation phones and music players.2

Convenience







BMW Assist™ Information Service.

A cost-free telephone-based concierge service will have a BMW Assist Specialist send address data for nearby cinemas, restaurants, hotels. or other points of interest directly to your Navigation System or digital display. You can even receive Google Maps addresses sent from a PC and if required transfer them to the Navigation System.





This optional assistant makes parallel parking easier. It measures parking spaces passed at a speed below 35 km/h. If the space is big enough, the Park Assistant will do the steering, while the driver continues to operate the brake and accelerator pedals – supported by instructions displayed in the Control Display as well as acoustic signals. (Not available in conjunction with xDrive.)





Park Distance Control, Surround View, Rear-view Camera.

These optional systems enhance close-range visibility when manoeuvring. Surround View includes Top View, which shows a bird's-eve view of the car in the Control Display, and Side View, which aids visibility when turning onto a road from a side street or exit. The Rear-view Camera enhances rear visibility when reversing into or out of a parking space.

BMW TeleServices.

Information about scheduled maintenance items, such as the status of service fluids and parts subject to wear, are automatically transmitted to your local BMW Retailer. If necessary, they will contact you to make an appointment, ensuring your vehicle always performs like new.

Information on the software update can be found at www.bmw.ca/update.



Information on compatible devices can be found at www.bmw.ca/bluetooth.



How does the Head-Up Display work?

When I am in the middle of rush-hour traffic, I don't want to take my eyes off the road even for a second. Otherwise, I miss my exit, Luckily. I don't have to - the Head-Up Display projects navigation instructions and other important information on the windshield, directly in my field of vision. The display looks as though it were floating above the hood. How does that work? Inside the dashboard support structure. there is a monitor, similar to the display in a mobile driving. The responses of the BMW 5 Series phone. LEDs generate an image on this display. This is projected onto the windshield via four mirrors, as in a slide projector. In the process, its size is magnified six times. And although the display is reflected on the windshield, due to the clever optical arrangement it appears to the

driver to be about two metres away. The eves don't have to refocus, making driving less tiring. The driver is less distracted and more relaxed, since there is no need to move the eves from the instrument cluster to the road and back.

What's the benefit of Integral Active Steering? With a BMW, a trip to the cottage is highly enjoyable: twisting roads make a welcome change from monotonous highway Sedan are immediate and direct. But why is it that I stay so relaxed even in the tightest corners? The Integral Active Steering with rear-wheel steering varies the steering effort in line with vehicle speed, using Servotronic. Active Steering includes a superimposed gear system used to control the steering angle of both the front and the rear wheels. This makes for added precision on winding roads and enhances control for quick lane changes on the highway.

congested highway. Slow-moving traffic, more stop than go. A situation no driver relishes. But in the BMW 5 Series Sedan, it is still a relaxed affair. As soon as the car ahead stops, the BMW too comes to a smoothly controlled halt. Once the car ahead starts moving again, so does the BMW 5 Series Sedan, as if it had eyes of its own. And it does: a radar sensor monitors the area in front of the car. Its visual range extends from just in front of the bumper to 150 metres ahead - because Active Cruise Control is not just for slow traffic: it also works at speeds up to 180 km/h on the highway. The system also warns the driver of potential collisions, using two warning levels,





What does the BMW Park Assistant do?

Every evening it is the same: stressed drivers trying to find a parking space. One seems too short, another not wide enough. Luckily, I don't have to rely on estimates any longer. I trust my Park Assistant and leave steering to my BMW. How does that work? Using sensors, the Park Assistant establishes the size of the space. If the driver passes a large enough parking space with the assistant switched on, it will signal a green light. You put the car in reverse gear, take your hands off the steering wheel and press the accelerator or brake pedal; the BMW 5 Series Sedan takes care of everything else. Park Distance Control or the Rear-view Camera will always tell you how big the gap to other parked vehicles is.

combination? I get in, press the Start button, and my favourite song comes out of the loudspeakers. How come? Luck? The Apple iPhone or any other BMW Bluetooth-capable mobile phone communicates perfectly with the BMW 5 Series Sedan, and the connection is easy to establish. The address book and the music library are automatically available. It's all thanks to Bluetooth technology connecting the hands-free equipment in the BMW with the mobile phone. So you can access telephone numbers stored in your mobile phone via the iDrive Controller or the buttons on the steering wheel. All you have to do to start a hands-free call is press a button. After docking to the optional BMW Adapter, the entire music library is available as well via iDrive.









Equipment Tables Technical data BMW Service

Timeless elegance.



The Titanium Silver metallic exterior colour lends the BMW 5 Series Sedan a timeless elegance. The attractive Dakota Leather upholstery in black and the Ash Wood trim, high-gloss, create a premium ambience inside the

BMW 5 Series Sedan. 18" Radial Spoke alloy wheels – Style 237 transmit the engine's power to the road.

Dynamic style.



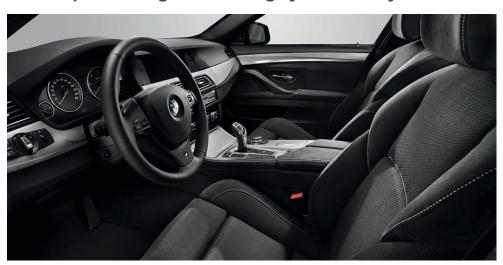
The BMW5 Series Sedan featuring the Black Sapphire metallic exterior paint wheel further enhance the dynamic look and feel of the interior. 19" W Spoke finish, with Comfort Seats for the driver and front passenger covered in Oyster alloy wheels – Style 332 add the finishing touches. Dakota Leather. The Ash Wood trim and the sport leather steering





Equipment Tables Technical data BMW Service

The M Sport Package. Maximizing dynamic ability.



☐ M Sport Package: This package includes, among other things, sport seats, the M Leather steering wheel, Aluminum Hexagon interior trim and Anthracite roofliner. The sporting appeal of the exterior is enhanced

by a special M Aerodynamics Package and the 19" M Double Spoke alloy wheels -Style 351M. The M Sport Package is available in conjunction with seven attractive exterior colours.



☐ 19" M Double Spoke alloy wheels - Style 351, 19x8.5, 245/35R-19 front, 19x9, 275/35R-19 rear.



M Door sill finisher with chrome insert and M Logo attracts the eye as soon as you open the door.



the rear axle at high speeds. The Dark Chrome finish of the tailpipes further adds to the car's visual appeal.



sporty looks and increases downforce. rests and a thicker rim for extra grip.



Rear diffuser increases downforce on Mear spoiler emphasizes the car's Meather steering wheel with multi-function buttons features bigger thumb





Exterior colours.



■ Non-metallic 668 Jet Black ■ Non-metallic 300 Alpine White



■ Metallic 475 Black Sapphire ■ Metallic 354 Titanium Silver



■ Metallic A52 Space Grey ■ Metallic A72 Cashmere Silver⁴



■ Metallic A84 Milano Beige⁴ ■ Metallic A76 Deep Sea Blue⁴



■ Metallic A81 Tasman⁴ ■ Metallic A17 Havanna⁴



■ Metallic B90 Dark Graphite II ■ Metallic A89 Imperial Blue



☐ Metallic 416 Carbon Black

Upholstery colours.





■ Dakota Leather LCDF Veneto Beige²







■ Dakota Leather LCSW Black²





■ Dakota Leather LCEZ Cinnamon Brown with interior colour Black²



■ Dakota Leather LCCX Oyster with interior colour Black²





☐ Exclusive Nappa Leather, extended NASW Black³

¹ Standard on the BMW 528i and 528i xDrive.

² Optional on the BMW 528i and 528i xDrive.

³ Available only on BMW 550i models. 4 Not available with the M Sport Package.

[☐] Exclusive Nappa Leather, extended NACX Oyster³

Combination examples Colours Equipment

Interior colours.



Black Veneto Beige

Interior trims.



■ 4CE Fineline Anthracite



☐ 4BN Ash Wood



☐ 4MR Aluminum Hexagon³

☐ 4B5 Ash Wood, high-gloss

Combinations.

Interior colours	Lea	Leatherette Dakota Leather' Exclusive Nappa Lextended ^e								
Standard seats	•	•	•	•	•	•	_	_		
Comfort Seats	•	•	•	•	•	•	•	•		
Upholstery colours	Black	Veneto Beige	Black	Veneto Beige	Cinnamon Brown	Oyster	Black	Oyster		
Interior colours	Black	Veneto Beige	Black	Veneto Beige	Black	Black	Black	Black		
Exterior colours										
Non-metallic 668 Jet Black	•	•	•	•	•	•	•	•		
Non-metallic 300 Alpine White	•	•	•	•	•	•	•	•		
Metallic 475 Black Sapphire	•	•	•	•	•	•	•	•		
Metallic 354 Titanium Silver	•	•	•	•	•	•	•	•		
Metallic A52 Space Grey	•	•	•	•	•	•	•	•		
Metallic A72 Cashmere Silver	•	•	•	•	_	•	•	•		
Metallic A84 Milano Beige	•	•	•	•		•	•	•		
Metallic A76 Deep Sea Blue	•	•	•	•	•	•	•	•		
Metallic A81 Tasman	•	•	•	•		•	•	•		
Metallic A17 Havanna	•	•	•	•		•	•	•		
Metallic B90 Dark Graphite II	•	•	•	•	•	•	•	•		
Metallic A89 Imperial Blue	•	•	•	•	•	•	•	•		
Metallic 416 Carbon Black ³			•	•	•	•	•	•		
Interior trims										
4CE Fineline Anthracite	•	•	•	•	•	•	•	•		
4B5 Ash Wood, high-gloss	· · · · · · · · · · · · · · · · · · ·				M. Olivery		•			
4BN Ash Wood	•	•	•	•		•	•	•		
4MR Aluminum Hexagon³	01700189008908	315533355115553155	810000000000000000000000000000000000000	500000000000000000000000000000000000000	011/0011/0011/0011/001	8000000000	000000000000000000000000000000000000000	9855009850085008		

Dakota Leather includes seat surfaces, armrests in centre console and

Please note that even normal long- or short-term use can lead to unrecoverable upholstery damage. This can be caused in particular by non-colourfast clothing.



doors, headrests for front seats and outside rear seats, and gear lever

and handbrake gaiters.

Available only on the BMW 550i.

Only available with the M Sport Package.

Standard/optional equipment.



- Xenon headlights for high and low beam, with automatic headlight range control and headlight washing system, provide much better illumination of the road ahead at night or in poor visibility. The four LED light rings can be used as daytime running lights or parking lights.
- Adaptive Headlights with variable light distribution. The integrated cornering lights become active automatically, even when the car is standing, as soon as the indicator is activated or the steering wheel turned.



■ Rear light cluster with tail light, brakelight, and indicator in LED technology. The typical BMW design of the light elements makes for optimum visibility. Adaptive Brakelights with flashing function help drivers in trailing vehicles distinguish between gentle and full braking.



■ Electric glass sunroof, with slide and till function with fingertip control, electrically adjustable floating headliner, trap release, and comfort opening/ closing function.



□ BMW Individual High-gloss Shadow Line comprises front and rear side window frames and window recess finishers in Black, high-gloss. (Standard on BMW 550i models.)



■ Exterior mirrors, electrically adjustable and heated, aspheric.

■ Interior and exterior mirrors with automatic anti-glare function and electric fold-in function (exterior mirrors only).



□ Comfort Access for opening, locking, or starting the vehicle without having to operate the radio remote control or insert the key into the dash. (Standard on BMW 535i and 550i models.)



Exhaust tailpipes: the BMW 528i features a visible twin tailpipe on the left; the BMW 535i has two single tailpipes, one on the left and one on the right.



Exhaust tailpipes: the BMW 550i features two twin tailpipes, one on the left and one on the right, each with a trapezoid chrome surround.





■ Star Spoke alloy wheels – Style 327, 17 x 8.0 225/55R-17 (available only on the BMW 528i and 528i xDrive).



■ Radial Spoke alloy wheels – Style 237, 18 x 8.0 245/45R-18 (available only on the BMW 535i and 535i xDrive).



□ V Spoke alloy wheels – Style 328, 18 x 8.0 245/45R-18 (available only on the BMW 528i and 528i xDrive).



□ V Spoke alloy wheels – Style 331,*19 x 8.5 front, 245/40R-19, 19 x 9.0 rear, 275/35R-19 (on the BMW 535i) or 19x8.5 front and rear, 245/40R-19 (on the 535i xDrive).



■ W Spoke alloy wheels – Style 332,* 19 x 8.5 front, 245/40 R-19, 19 x 9.0 rear, 275/35R-19 (on the BMW 550i) or 19x 8.5 front and rear, 245/40R-19 (on the 550i xDrive).

*Wheel style available with performance run-flat tires on rear-wheel drive models and all-season run-flat tires on all-wheel drive models.



□19" M Double Spoke alloy wheels – Style 351 M, 8.5x19 front, 245/40R-19, 9.0x19 rear, 275/35R-19 (for rear-wheel drive models) or 19x8.5 front, 245/40R-19, 19x9 rear (on xDrive models).

*Wheel program subject to change in model year 2012.



Standard/optional equipment.



□ Leather sport steering wheel with multi-function buttons, thickened grip, and additional chrome trim; the integrated buttons can be used to operate the telephone, voice, and audio functions, as well as the Cruise Control. (Standard on BMW 550 i models.)
■ Heated steering wheel: just press

a button to quickly warm up the steering

wheel.



■ Leather steering wheel with multi-function buttons enables comfortable control of many different functions, without having to take one's hands off the wheel. The buttons on the left cover the complete set of cruise control functions; those on the right are for audio functions such as the radio and telephone.



■ Start/Stop button for starting or stopping the engine after entering the car. The vehicle key is automatically recognized, without having to be inserted in the ignition.



□ 6-speed manual transmission for a very sporty drive. Smooth, with perfect ratios and precise, short-throw gear shifts. The tight spacing of gear ratios means that you can make even more individual use of the engine's power (available only on BMW 535i and 550i rear-wheel drive models).



■ 8-speed automatic transmission with Steptronic, with electronic gear selection and adaptive transmission management for very fast, immaculate gear changes.



□ 8-speed sport automatic transmission with Steptronic, with Sport mode for a dynamic drive

and shift paddles on the steering wheel (standard on BMW 550 i models).

**Dynamic Driving Control, for various suspension settings. (Available with 8-speed sport automatic transmission, Integral Active Steering or Adaptive Drive.)



■ Cruise Control with braking function stores any desired speed upwards of approximately 30 km/h and maintains it. After accelerating, the car automatically returns to the previous stored speed, while braking cancels the settings.



☐ Active Cruise Control with Stop & Go function and collision warning. For enhanced comfort in stop-and-go traffic. Combines speed control with active distance control, slowing the card down to a stop if needed, and starting it up again in standard stop-and-go situations (available only on BMW 550i models).



■ Instrument cluster, extended – with a high-resolution 9.2" Info Display below. This shows such information as current fuel consumption, range, on-board computer functions, and trip and mileage counter in parallel with navigation prompts. The display features Black Panel technology – when the ignition is off, it appears as a flat, mate black surface. The only three-dimensional elements are the chrome rings, open at the bottom, that encircle the display's dials. As soon as the vehicle is opened, the chrome rings turn into full circles, and the dials and displays appear. Turning on the ignition makes Check Control messages appear.





■ Brake Energy Regeneration. As soon as the driver brakes or lifts his or her right foot off the accelerator, Brake Energy Regeneration converts the vehicle's unused kinetic energy into electricity and feeds this into the battery. This charging process is indicated by a symbol in the rev counter display.



□ Lane Departure Warning System uses a camera to recognize whether the vehicle is threatening to stray outside the limits of the lane and alerts the driver via a gentle vibration of the steering wheel.



□ Active Blind Spot Detection detects vehicles in the driver's blind spot or vehicles approaching at high speeds in the adjacent lane when the driver indicates a lane change. The system alerts the driver with a steering wheel vibration accompanied by a visual warning on the exterior mirror.



□ BMW Head-up Display, full-colour, projects relevant data, such as the current road speed, directly into the driver's field of vision. For the first time, all BMW Head-up Display data are shown in full colour, making information even more precise and easier to process. Navigation instructions, Lane Departure Warning messages, Check Control, and warnings from the BMW Night Vision system with pedestrian recognition can also be displayed (not in conjunction with windscreen with grey shade band).



□ Park Assistant makes parallel parking easier. When travelling at speeds below 35 km/h, the system measures any parking spaces the vehicle passes. When a big enough space has been found, the Park Assistant will do the steering, while the driver continues to operate the accelerator and brake pedals to park the car. The sensor is harmoniously integrated into the side indicator. (Only available on rear-wheel driver models.)



☐ Rear-view Camera shows a clear image of the area behind the vehicle on the Control Display, Interactive tracking lines indicate whether or not the intended parking space offers enough room for the vehicle. The Rear-view Camera is activated by engaging reverse gear.

☐ Park Distance Control (PDC), front and rear, facilitates the process of parking and manoeuvring in confined spaces, giving you an acoustic signal for the distance between your car and an obstacle, as well as a visual indication in the Control Display, (Standard on BMW 535i and 550i models.)



□ Surround View offers the driver a good view of the area directly around the vehicle when manoeuvring. The BMW is represented as seen from above on the Control Display. In addition, the optional Rear-view Carnera enhances visibility when reversing at speeds below 20 km/h, for example, when parking. The Side View function enhances visibility when entering a road from a side street or exit.



Standard/optional equipment.



■ iDrive Controller is the central operating element of iDrive, and is used to access all functions of the Control Display. Four frequently used menus can also be opened via the direct menu control buttons; CD, radio. navigation, and telephone. In addition, eight functional bookmarks can be assigned functions of your choice.



■ Control Display with highresolution 7.0-inch TFT colour monitor for displaying functions that are accessed using the Controller.



□ Navigation System with high-resolution 10.2-inch colour display with splitscreen function, DVD drive (audio/video DVD, MP3), hard disk for navigation data, 3D route maps, satellite images, 12 GB hard disk storage for audio files, music database, and voice control system. (Standard on BMW 550i models.)



- BMW Assist supports the driver with cost-free services including an automatic and manual emergency call function, My Info, and Concierge
- Bluetooth Wireless Technology for a hands-free connection between vour car and mobile device.



- ☐ Hard disk drive enables quick access to a large collection of music files which can be transferred to the 12 GB hard disk from a CD, MP3 player. or USB stick (included with Navigation System Professional).
- * 8.8" Control Display is not available on the BMW 5 Series Sedan in Canada



■ Integrated Owner's Manual for quick and immediate access to all

vehicle-specific information. The owner's manual can be operated via the iDrive and is shown on the Control Display. To ensure optimum userfriendliness, the content features multimedia elements such as animations and dynamic illustrations.





☐ BMW Night Vision with pedestrian detection uses an infrared camera to detect people and animals up to a distance of 300 metres. The camera images appear in the Control Display. The pedestrian detection feature displays a visual warning (also shown on the optional Head-Up Display) as soon as it detects people moving near the road outside the range of the headlights. The infrared camera for BMW Night Vision is integrated in the kidney grille. (Available only on BMW 550i models.)









■ Radio BMW Professional,

Action of my Professional,
4-channel amplifier, double-tuner
reception, aerial diversity, scan
function, CD drive with MP3 decoder.

HIFI System Professional with
DIRAC signal processing and surroundsound mode; 600-watt digital amplifier,
vehicle-specific equalizing and 16
loudspeakers provide a listening
experience of unmatched intensity.
(Standard on BMW 550i models.)

■ HiFi loudspeaker system with digital amplifier (205 watt) and twelve loudspeakers for a brilliant sound.



☐ Rear-seat Entertainment

includes two tiltable 9.2-inch colour screens and a DVD drive in the rear, for navigation while on the move, with remote control unit and interfaces for MP3 player, game consoles, and headphones (including wireless).



■ USB audio interface with extended functions. In conjunction with the original iPod USB cable, the album cover for the current song can be shown in the Control Display. This Cover Art display adds the cover for each song and album – for fast and convenient reference (this function is also available for other devices).



□ Automatic Air Conditioning with 4-zone control features extended automatic air conditioning with 2-zone control, plus air vents in the B-pillars and comfort air vents in the centre of the instrument panel for directable or draft-free ventilation. Separate control element with display in the rear area for individual temperature settings.



Standard/optional equipment.





☐ Active seats for driver and front passenger make for relaxed sitting and driving on longer journeys. Pelvis and lumbar vertebrae are mobilized by alternating, cyclical up/down movements of the seat surface.



☐ **Heated rear seats** on both outer rear seats. Seat surface and backrest are heated and quickly radiate warmth.



■ Standard seats for driver and front passenger with memory function. Electric adjustment of seat height and backrest, with memory function. Electric adjustment of seat height, backrest angle, forelaft position, headrest height, and seat angle. Driver and passenger seats are also heated for added comfort. □ Lumbar support for driver and front passenger seats, electrically adjustable for height and depth, for an ergonomically perfect seat position and back muscle support. (Standard on BMW 550i models.)



☐ Active seat ventilation for driver and front passenger seats considerably enhances summer comfort by ensuring a pleasantly cool seat temperature. Ventilators in the seat surface and backrest blow air through the perforated leather seat covers.



■ Armrest at the front, including storage compartment and cupholder.



☐ **Electric rear sunshade** deflects intense sunlight and provides effective protection from prying eyes.



☐ **Manual sunshades** for rear side wind ows.



■ Lights package includes illumination of the front exit area and footwell, the glove compartment, and cabin, as well as the vanity mirrors at the front left and right, rear reading lights, soft light function, and luggage compartment lights.



□ Through-loading system with asymmetric 60/40-split folding backrest, centre armrest with storage compartment, additional storage compartment above the centre armrest, and 12 V socket in the trunk. (Standard on BMW 535i and 550i models).



■ Personal Profile: depending on your equipment selection, your adulpment selection, your and air distribution of the automatic air conditioning, seat and exterior mirror positions, radio volume and sound settings, etc., are saved by the vehicle and will activate when you open the central locking with your personal key.



BMW Lifestyle.



Titanium Sport Sunglasses.

Looking good has never been easier: these fashionable, lightweight titanium sunglasses feature the BMW logo on both temples, and the olive green plastic lenses provide protection from UV rays.



Men's Quartz Chrono with Metal Bracelet.

Polished stainless-steel case, 40 mm diameter, ETA Swiss movement. Water resistant up to 10 atm. Adjustable metal bracelet with engraved BMW logo on the back.



BMW M Casual Men's Shirt.

Get sporty: this classic leisure shirt in anthracité has a red collar underside and cuffs with an embroidered BMW M Logo. The contemporary fabric blend (97% cotton, 3% elastane) minimizes wrinkling.



BMW M Casual Ladies' Shirt.

Look good wherever you are: this anthracite-coloured shirt has side zips for a perfectly tailored fit. Red collar underside and cuffs. Embroidered BMW M Logo. Material: 97% cotton, 3% elastane.



Golf Cart Bag.

For a favourable handicap: this handy cart bag is a virtuoso even away from the course. Its features include eleven special compartments, rain hood, tee holder, insulated drinks compartments, and attachments for a club cloth and umbrella. Weight: 4.1 kg. Dimensions (L x W x H): 40 x 35 x 94 cm. Material: leatherette, nylon.



Original BMW Accessories.



Carbon rear spoiler, Cross Spoke 312 in Ferric Grey, 20-inch, cast.



Infrared stereo headphones, specially designed for use with the optional BMW rear-seat entertainment systems.

A BMW always delivers a special drive – and Original BMW Accessories make the experience better still. Combining great ideas, immaculate design, and sheer practicality to create innovative solutions, Original BMW Accessories are available in many categories: exterior, interior, communications and information, and transport and luggage compartment solutions. Your BMW Retailer will be pleased to advise you on the complete range of Original BMW Accessories and provide you with a special catalogue. For further information, please visit



Snap-in adapter with USB interface.



Safety	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Active Headrests, front	-		-		-	
Adaptive Brakelights with flashing function	•					
Airbags:						
 Airbags for driver and front passenger, seat occupancy detector for front passenger airbag, front passenger airbag can be deactivated 	•		•		•	
- Head airbags, front and rear, covering the entire window area						
- Side airbags, front	•					
Brakes:						
- Disc brakes front and rear, inner-vented						
Central locking with electronic immobilizer, crash sensor, fuel filler cap integrated in central locking	•		•		•	
Dynamic Stability Control (DSC), including Traction Mode (DTC), Anti-lock Braking System (ABS), CBC, and Braking Assistant	•		•		•	
LATCH child seat attachment in the rear	•					
Run-flat indicator						
Safety bodyshell:						
- Crumple zones front and rear, bumpers withstand impacts up to 6 km/h	-				-	
- Side impact protection, active hood (pedestrian protection)						
Seatbelts:						
- Inertia-reel seatbelts in the front with pyrotechnical belt latch tensioner and belt force limiter						
- Rear seatbelt system with three-point inertia-reel seatbelts						

Exterior design	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
BMW Individual High-gloss Shadow Line	0	0	0	0		
Metallic paintwork	•	•	•	•	•	•
Ornamental front grille, chrome surround, kidney grille slats in chrome	-	-				
Ornamental front grille, chrome surround, kidney grille slats in chrome at front, black at sides			-	-	-	-

Wheels	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Wheels:						
- 19" M Double Spoke alloy wheels - Style 351M 245/40R-19	-	-	-	0	-	0
- 19" M Double Spoke alloy wheels - Style 351 M, 19x8.5 front, 245/40R-19, 19x9 rear, 275/35R-19			0		0	-
- Radial Spoke alloy wheels - Style 237, 18 x 8.0 245/45R-18	-				-	-
- Star Spoke alloy wheels - Style 327, 17 x 8.0 225/55R-17	-		-		-	-
– V-Spoke alloy wheels – Style 328, 18 x 8.0 245/45R-18	0		-	-	-	-
– V-Spoke alloy wheels – Style 331, 19 x 8.5 front, 245/40R-19, 19 x 9.0 rear, 275/35R-19	-	-	0	-	-	-
- V-Spoke alloy wheels - Style 331, 19x8.5 245/40R-19	-	-	-	0	-	-
- W-Spoke alloy wheels - Style 332, 19x8.5, 245/40R-19	-	-	-	-	-	
– W-Spoke alloy wheels – Style 332, 19 x 8.5 front, 245/40R-19, 19 x 9.0 rear, 275/35R-19	-	-	-	-		_
Run-flat tires						

Interior design	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Antracite roofliner	0	0	0	0		
Door sill finishers in chrome			-		-	
Interior trims:						
- Aluminum Hexagon trim (only available with the M Sport Package)	-	-	0	0	0	0
- Ash Wood	•	+	•	•	•	•
- Ash Wood, high-gloss	•	•	•	•	•	•
- Fineline Anthracite						
Upholstery:						
- Dakota Leather						
- Extended Nappa Leather	_	-	-	-		
- Leatherette			-	-	_	-

Transmission and technology	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
6-speed manual transmission	_	-		-		-
8-speed automatic transmission with Steptronic, electronic gear selector switch, Adaptive Transmission Management	-		•	•	-	-
8-speed sport automatic transmission with Steptronic with gearshift paddles on the steering wheel	-	-	0	0	•	
Adaptive Drive (Dynamic Drive and Dynamic Damping Control)	_	-	0	0	0	0
Aluminum integral rear axle						
BMW TwinPower Turbo four-cylinder engine	-		-	-	-	_
BMW TwinPower Turbo eight-cylinder engine	_	-	-	-		
BMW TwinPower Turbo in-line six-cylinder engine with Valvetronic	_	_			-	_
Brake Energy Regeneration	-					
Double-wishbone front suspension						
Double-VANOS						
Dynamic Driving Control (in conjunction with 8-speed sport automatic transmission, Integral Active Steering, or Adaptive Drive)	-	-	0	0	•	
High Precision Injection	_	_				
Integral Active Steering	-	-	_	-		_
Parking brake, electromechanical, in conjunction with automatic transmission with auto-hold function	•	•	•	•	•	

BMW ConnectedDrive – Driver assistance systems	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Active Blind Spot Detection	0	0	0	0	0	0
Active cruise control with Stop & Go function and collision warning	-	-	-	-		
BMW Night Vision with pedestrian recognition	-	-	-	-		
Cruise Control with braking function						
Head-Up Display	-	-			0	0
Lane Departure Warning System	-	-	0	0	0	0
Park Assistant (available in conjunction with PDC)	_	-	0	-	0	_
Park Distance Control (PDC) front and rear, with visual and acoustic feedback	0	0				
Rear-view Camera (available in conjunction with PDC)	0	0	0	0	0	0
Surround View (available in conjunction with Rear-view Camera and PDC)	_	-	0	0	0	0

Light and sight	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Adaptive Headlights with variable light distribution, cornering lights and headlight range control						
Exterior mirrors, aspheric, electrically adjustable, with active heating (determined by outside temperature)	•	•	•	•	•	•
Foglights in ellipsoid free-form technology	-				-	
Headlight washing system	-		-			
Interior and exterior mirrors, with automatic anti-glare function, including fold-in function for exterior mirrors	•	•	•	•	•	•
LED light rings						
Lights package contains reading lights and footwell lights, as well as front and rear ambient light, luggage compartment lighting, front exit lights	•	•	•		•	•
Rain sensor, including driving lights and windshield wiper control						
Sun protection:						
- Combined heat/sun protection glazing	-		-			
- Sunblinds, rear side windows, manual	-	-	-	-	0	0
- Sunblind, rear window, electric	-	-	-	-	0	0
Xenon headlights for high and low beam, including automatic headlight range control	-					



Interior	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Glass roof, electric, with adjustable floating headliner			-		-	
On-board computer, including Check Control and external temperature in the Info Display (5.7-inch)	-		•		•	
Seats/seat comfort:						
- Active seats for driver and front passenger, electric	-	-	-	-	0	0
- Active seat ventilation in front	-	_	_		0	0
- Comfort Seats for driver and front passenger, electric, 18-way, power adjustable			0	0		
- Lumbar support for driver and front passenger seats, electrically adjustable	0	0	0	0	-	
- Seat adjustment, electric, with memory function for driver's seat, electric steering column adjustment	-					
- Seat heating for driver and front passenger						
- Seat heating in the rear					0	0
- Standard 10-way power adjustable seats for driver and front passenger					-	_
-Through-loading system with asymmetric 60/40-split folding backrest	0	0				
Service interval indicator in the Info Display	•					
Steering wheels:						
- Leather sport steering wheel with multi-function buttons	0	0	0	0		
- Leather steering wheel with multi-function buttons (including radio and telephone control)	•				-	_
- Steering wheel heating						

Comfort and interior equipment	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Alarm system with remote control						
Armrest in the front with storage compartment, lockable			-		-	
Automatic Air Conditioning						
Automatic Air Conditioning with 4-zone control	_	_	-	-	0	0
Automatic operation of tailgate			0	0	0	0
Comfort Access system	0	0				
Cupholders front/rear						
Fog sensor			-		-	
Personal Profile, individualization of key control functions	-		-		-	
Start/Stop button						

Entertainment, communication, and information	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
BMW ConnectedDrive - Telematics Services:						
- BMW Assist						
- BMW TeleServices	0	0	0	0		
Control Display:						
-7-inch	-				_	
- 10.2-inch (available in conjunction with Navigation System Professional)	0	0	0	0		
Controller on centre console, including direct menu control buttons						
Functional bookmarks, 8 programmable keys						
HiFi loudspeaker system, 12 speakers					_	_
HiFi System Professional, 16 speakers	0	0	0	0		
Integrated Owner's Manual						
Navigation System Professional with 10.2-inch Control Display, splitscreen function, and hard disc-supported system, including 12 GB storage facility for audio files	0	0	0	0	•	
Radio/audio:						
- AUX-IN connection in the centre console						
- Radio BMW Professional with CD drive, double tuner, MP3 decoder					_	_
- USB/audio interface						
Rear-seat Entertainment Professional, including two tiltable 92-inch screens, compatible with BMW ConnectedDrive telematics services	_	- 1				
Telephone:						
- Bluetooth wireless technology						
Voice control system	0	0	0	0		

■ Standard equipment ◆ No charge option □ Optional equipment O Available in Package only − Not available

Dynamic Handling Package	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Adaptive Drive; Dynamic Damper Control; Dynamic Drive	_	_				
Executive Package	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Automatic Trunk; BMW On-Board navigation; Comfort Seats, front; HiFi Sound System Professional; Lumbar support; SIRIUS satellite radio; Universal remote control; Voice control	_	-			-	_
Active seat for driver and front passenger; Automatic Trunk; Electric rear sunshade; Head-Up Display; Heated rear seats; Manual side sunshades; SIRIUS satellite radio; Ventilated seats; Automatic Air Conditioning with 4-zone control	-	-	-	-		
Navigation Package	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
BMW On-Board navigation; Voice control			_		_	_
		_				_
Premium Package	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Comfort Access; Dakota Leather upholstery; Park Distance Control; Universal remote control; Through loading system		0	-	-	-	-
Premium Sound Package	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
HiFi Sound System Professional; SIRIUS Satellite Radio			_	-	_	_
Sport Package	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
18" V Spoke alloy wheels – Style 328; Anthracite roofliner; High-gloss Shadow Line; Leather Sport Steering Wheel			_	-	-	_
8-speed sport automatic transmission; 19" V Spoke alloy wheels – Style 331; Anthracite roofliner; High-gloss Shadow Line; Leather sport steering wheel	_	_			-	
Technology Package (Park Assistant also included for 535i and 550i only.)	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Active Blind Spot Detection; Rear-view Camera			_	-	_	_
Active Blind Spot Detection; Lane Departure Warning; Park Assistant; Rear-view Camera; Surround View	-	-		- 1		-
	_	-	_	-		_
Surround View	_			_		_
Surround View	_ _ 528i			535i xDrive		
Surround View Active Blind Spot Detection; Lane Departure Warning; Rear-view Camera; Surround View	- - 528i -	-	_	_	_	
Surround View Active Blind Spot Detection; Lane Departure Warning; Rear-view Camera; Surround View M Sport Package 19" Double Spoke M wheels – Style 351; 8-speed sport automatic transmission; M Aerodynamics Package; Comfort Seats, front; Aluminum Hexagon Tirm; M Leather steering wheel; M Rear spoiler;	528i -	-	- 535i	535i xDrive	_	
Active Blind Spot Detection; Lane Departure Warning; Rear-view Camera; Surround View M Sport Package 19" Double Spoke M wheels – Style 351; 8-speed sport automatic transmission; M Aerodynamics Package; Comfort Seats, front; Aluminum Hexagon Tim; M Leather steering wheel; M Rear spoiler; High-Gloss Shadow Line; Anthracite roofliner; High speed maximum 19" Double Spoke M wheels – Style 351; M Aerodynamics Package; Comfort Seats, front; Aluminum Hexagon Tim; M Leather steering wheel; M Rear spoiler; High-Gloss Shadow Line; Anthracite roofliner; High Spokage; Comfort Seats, front; Aluminum Hexagon Tim; M Leather steering wheel; M Rear spoiler; High-Gloss Shadow Line; Anthracite	528i - -	-	- 535i	535i xDrive	550i	
Active Blind Spot Detection; Lane Departure Warning; Rear-view Camera; Surround View M Sport Package 19" Double Spoke M wheels – Style 351; 8-speed sport automatic transmission; M Aerodynamics Package; Comfort Seats, front; Aluminum Hexagon Tirm; M Leather steering wheel; M Rear spoiler; High-Gloss Shadow Line; Anthracite roofliner; High speed maximum 19" Double Spoke M wheels – Style 351; M Aerodynamics Package; Comfort Seats, front; Aluminum Hexagon Tirm; M Leather steering wheel; M Rear spoiler; High-Gloss Shadow Line; Anthracite roofliner; High speed maximum 19" Double Spoke M wheels – Style 351; 8-speed sport automatic transmission; M Aerodynamics Package, Comfort Seats, front; Aluminum Hexagon Tirm; M Leather steering wheel; M Rear	528i 528i	-	- 535i	535i xDrive	550i	550i xDrive



Weight		528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Curb (manual/automatic)	kg	-/1720	-/1815	1845/1855	-/1920	1980/1980	-/2050
Maximum permissible (manual/automatic)	kg	-/2255	-/2345	2340/2350	-/2350	2450/2460	-/2460
Permitted load	kg	470	470	480	480	470	470
Permitted axle load front/rear	kg	1070/1290	1110/1310	1130/1310	1225/1320	1230/1330	1270/1340
Permitted roof load	kg	100	100	100	100	100	100

Engine		528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Cylinders/valves per cylinder		4/4	4/4	6/4	6/4	8/4	8/4
Capacity	CC	1997	1997	2979	2979	4395	4395
Stroke/bore	mm	90.1/84.0	90.1/84.0	89.6/84.0	89.6/84.0	88.3/89.0	88.3/89.0
Output/engine speed	hp	241	241	300	300	400	400
	rpm	5000-6500	5000-6500	5800	5800	5500-6400	5500-6400
Max. torque/engine speed	lb-ft	258	258	300	300	450	450
	rpm	1250-4800	1250-4800	1200-5000	1200-5000	1750-4500	1750-4500
Compression ratio	:1	10.3	10.3	10.2	10.2	10.0	10.0

Transmission		528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Automatic transmission ratios	VIVIII:1	4.71/3.14/2.11	4.71/3.14/2.11	4.71/3.14/2.11	4.71/3.14/2.11	4.71/3.14/2.11	4.71/3.14/2.11
	IV/V/VI:1	1.67/1.29/1.00	1.67/1.29/1.00	1.67/1.29/1.00	1.67/1.29/1.00	1.67/1.29/1.00	1.67/1.29/1.00
	VII/VIII/R:1	0.84/0.67/3.30	0.84/0.67/3.30	0.84/0.67/3.30	0.84/0.67/3.30	0.84/0.67/3.30	0.84/0.67/3.30
Final drive ratio	.1	323	3.23	3.08	3.08	2.81	2.81
Manual transmission ratios	VII:1	-	-	4.11/2.32	-	4.06/2.40/1.58	-
	III/IV:1	-	-	1.54/1.18	-	1.19/1/0.87/3.68	-
Final drive ratio	.1	-	-	1.00/0.85/3.73	-	0.84/0.67/3.32	-
Rapport de démultiplication final	:1	-	-	323	-	3.08	-

Performance		528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Acceleration 0 to 100 km/h	sec	6.5	6.6	6.0	5.9	5.3	4.9
Top speed	km/h1	210	210	210	210	210	210

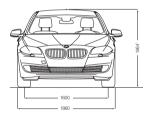
Fuel consumption		528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
City (manual/automatic)	L/100 km	-/9.6	TAB	11.0/10.1	-/10.4	14.4/12.7	-/13.4
Highway (manual/automatic)	L/100 km	-16.2	TAB	7.1/6.5	-/6.7	8.9/7.9	-/8.4
Combined (manual/automatic)	L/100 km	-/8.1	TAB	9.3/8.5	-18.7	11.9/10.5	-/11.1
Tank canacity approximately	1	70	TAB	70	70	70	70

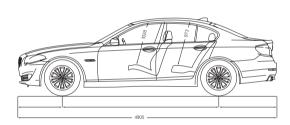
¹ Electronically limited.



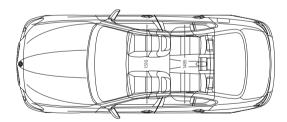
Wheels	528i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Tire dimensions	225/55 R 17	245/45 R 18	245/45 R 18	245/45 R 18	245/40 R 19 front 275/35 R 19 rear	245/40 R 19 front 275/35 R 19 rear
Wheel dimensions	17 x 8.0	18 x 8.0	18 x 8.0	18 x 8.0	19 x 8.5-9.0	19 x 8.5-9.0
Material	Light-alloy	Light-alloy	Light-alloy	Light-alloy	Light-alloy	Light-alloy

Electrical system		523i	528i xDrive	535i	535i xDrive	550i	550i xDrive
Battery capacity	Ah	90	90	80 [90]	80 [90]	90	90
Alternator output	А	170	170	210	210	220	220
	W	2380	2380	2940	2940	3080	3080









All dimensions in the technical drawings are given in millimetres.

¹ Height with roof antenna is 1,475 mm.



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