



ASTON MARTIN

IDBS



TRULY GREAT LUXURY SPORTS CARS ARE RARE. IN A WORLD OFTEN DIMINISHED BY MEDIOCRITY, GENUINE DESIGN INNOVATION AND ENGINEERING ACCOMPLISHMENT ARE AVAILABLE ONLY TO THE DISCERNING FEW.

SEDUCTIVELY POWERFUL AND EXQUISITELY FINISHED, THE ASTON MARTIN DBS IS THE ULTIMATE BLEND OF REFINED PERFORMANCE AND MINIMALIST LUXURY.

POWER BEAUTY SOUL

Outstanding power with supreme control: the Aston Martin DBS. One of the most potent production Aston Martins ever made, the DBS represents the synthesis of raw power, racebred technology and design excellence.

Powered by a hand-built V12 engine producing 380 kW (510 bhp/517 PS), the DBS delivers breathtaking power and performance. Beneath the flowing lines of the lightweight bodywork, the DBS's components have been honed to create an exhilarating driving experience: taut, dynamic and monumentally fast, but always highly controlled.



POWER BEAUTY SOUL

Striking beauty with an underlying strength: the dynamic abilities of the DBS are made explicit through the muscular elegance of its bodywork. Crafted from aluminium and carbon-fibre, every surface, curve, line and crease has a function, expressing the car's potency, performance, agility and speed before the start button has even been deployed.

The deep spoilers, flared wheel arches and essential scoops and vents convey pure athleticism, without compromising a quality that is integral to every Aston Martin: beauty.





POWER BEAUTY SOUL

The DBS is a machine with soul, created for the open road. As well as offering outstanding performance, the DBS is a luxurious sports car in the classic mould, a sporting two-seater that offers refinement, comfort and an unrivalled place to be for fast, elegant travelling.

The DBS is a technological tour-de-force wrapped in an exquisite body. The combination of modern materials and traditional skills is an essential element of the Aston Martin experience. In the DBS, the fusion of power, beauty and soul is without equal.



DBS COUPE

The DBS embodies pure elegance with the raw power of Aston Martin's racing heritage. Using technology developed in competition, the DBS is a direct descendant of the DBR9 – a thoroughbred race car which has won many of the world's greatest GT endurance race titles.



ASTON MARTIN

The unmistakable form of an Aston Martin, with flowing curves and an unrivalled, sculptural beauty; the DBS is every inch a classic Aston Martin, from the hand-finished grille to the carbon-fibre rear diffuser.

The aerodynamic excellence of the bodywork is unsullied by superfluous spoilers or wings, allowing the lines to run cleanly from bonnet to boot lid.





The Aston Martin DBS is a sublime example of exquisitely detailed design, from the five hand-finished alloy slats that form the main grille, to the power bulge on the carbon-fibre bonnet and the LED indicators in the classic Aston Martin cast metal side strake. Every element is beautiful, yet strictly functional.











The design of the DBS conveys the car's enormous potential, with a seductive flow that incorporates aggressive detailing and a powerful stance. Like a well-toned athlete in a figure-hugging suit, the bodywork of the DBS is a tight wrapping on the muscle that lies beneath, expressed in the taut lines and heavily sculpted flanks.



Low, purposeful and sleek, the DBS communicates performance and agility. Despite its unmistakable silhouette and muscular posture, the DBS is also the model of stylish discretion, with perfect proportions that create a sophisticated and desirable statement.







Specially developed lightweight seats provide outstanding support for the more enthusiastic driver. Created from sandwiched layers of carbon-fibre and Kevlar[®], these optional high-performance seats feature the DBS's twin-stitch pattern, demonstrating Aston Martin's exceptional craft traditions.

Optional lightweight seats are not available in all markets. Please consult your dealer for details.



DBS VOLANTE

The Volante experience is not just about driving, handling and performance. Sophisticated packaging ensures breathtaking simplicity and elegance of form. The hood combines outstanding craftsmanship with skilled engineering, ensuring every last detail, inside and out, works swiftly and efficiently. Functionalism has never looked so good.





Like the coupe, the Volante's performance is supported by Aston Martin's advanced safety systems. Dynamic Stability Control (DSC) ensures power is delivered smoothly and efficiently, while enhanced braking aids provide exceptional stopping ability, regardless of the conditions.

The rigid VH structure, in conjunction with an advanced safety system that includes deployable roll-over bars on the Volante, provides an enhanced level of occupant protection.







An Aston Martin is about style and elegance, and nowhere is this more evident than in the DBS's cabin, with its supportive seats, deep centre console and rich palette of luxurious finishes.

This fusion of high technology and skilful craft is opened to the world once the Volante's hood is stowed quietly and quickly beneath its metal tonneau cover.





The clear, crisp graphics, precise operation of the controls and beautiful finish make the interior of the DBS a very special place to be. The centre console is a blend of analogue instruments and digital technology, including an advanced audio system, Apple iPod® connector and satellite navigation, regulated by controls fashioned from solid, turned aluminium.



DBS CARBON EDITION

The DBS Carbon Edition introduces a striking suite of special editions, which together offer a choice of understated flair or dramatic aesthetics. Carbon-fibre features are appointed extensively throughout; whilst swathes of the finest quality leather enhance the luxury feel of the interior environment.

The DBS is Aston Martin's ultimate GT sports car offering dynamic and aesthetic purity, an exquisite interior and a driving experience unsurpassed by any other car in its coupe or Volante forms.







Harmonising with the exterior finish; a warm black grille, carbon-fibre mirror heads, carbon rear lamp in-fills and smoked rear lights, creating a DBS specification like never before.



The DBS Carbon Edition features 10-spoke gloss black diamond turned wheels as standard with an option of full gloss black or gloss black with a reverse diamond turned finish.









Distinguishing the Carbon Edition is the carbon-fibre facia with a carbon weave that has been precisely positioned to follow the form of the dashboard. Only by hand can the fibres be laid to create a perfectly aligned weave.

BRAND

When you become an Aston Martin customer you acquire so much more than a fabulous car. More than 85 per cent of all the Aston Martins ever built are still in existence, so you're joining a global family of enthusiasts who are passionate about their cars.

We embody this pride and passion. Our expanding global network of dealers live and breathe the brand and will guide you through the process of choosing the right model and specification for you. Likewise our expert technicians take great satisfaction in maintaining your car to the very highest standards.

Thanks to our Aston Martin Driving Experiences and events, you have the chance to savour unforgettable moments behind the wheel. From driving through the glorious Italian Lakes or immersing yourself in the drama and spectacle of the Le Mans 24 Hours endurance race, to enjoying the unique excitement of powering an Aston Martin around a special course carved into the snow at the glamorous ski resort of St Moritz, you can be sure of one thing: Aston Martin ownership is an experience like no other.

Below: Aston Martin On-Ice gives you the opportunity to take a variety of Aston Martin models to the limit on snow and ice in the exclusive surroundings of St Moritz



Clockwise from top: Enjoy the freedom and excitement of driving your car on some of the world's greatest race circuits with Aston Martin On-Track

Wherever you are in the world, Aston Martin dealerships exemplify the style and quality synonymous with the brand

Every Aston Martin dealership is staffed by expert technicians for excellent aftersales care

Your dealer will encourage you to spend as much time as you need choosing colour and trim in order to find your perfect specification

Aston Martin's award-winning headquarters in Gaydon, Warwickshire

The Aston Martin Store in Munich, Germany





Specially handcrafted by Jaeger-LeCoultre, this elegant watch is available as an accessory to Aston Martin DBS owners, the AMVOX² DBS Transponder was the first mechanical timepiece to operate not only as a chronograph but also as the key to an Aston Martin.

An engineering masterpiece in miniature, its beauty and functionality stand as testament to the inspiration and expertise of the partnership that created it.

The unique leather saddle is a luxurious accessory. Hand-made by a master saddle maker, it combines lightness and durability with elegance and practicality, including compartments for CDs, maps, guidebooks, etc to provide additional secure storage.



Please contact your Aston Martin dealer for details on the full range of DBS options and accessories.



DBS

DBS

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The definitive luxury sports car offers more than performance, beauty and comfort. It offers dynamic and aesthetic purity, an exquisite interior and an unsurpassed driving experience. With its race-car roots and luxury appointments, the Aston Martin DBS is just such a car.

A 6.0-litre V12 powered, race-bred sports car shaped by the aerodynamic demands of high performance, the Aston Martin DBS marries beautifully hand-finished materials with the very latest in performance technology. Its hand-built V12 engine produces 380 kW (510 bhp/517 PS), making it one of the most potent production Aston Martins ever made. Every line, crease and curve conveys the enormous potential of the DBS, a seductive blend of refinement and raw power. A combination of elegant design, innovative manufacturing processes, race-derived materials and components and Aston Martin's unrivalled hand-build expertise makes the DBS a luxury sports car without equal.

PERFORMANCE

The DBS was developed as the ultimate expression of Aston Martin's engineering and technical ability. The need for high-performance stability, handling ability and low kerb weight defined the car's form and construction. The DBS was the first production Aston Martin to make extensive use of ultra-light carbon-fibre body panels. Its high levels of performance and control are delivered by the combination of inherent light weight, near-perfect weight distribution, a supremely powerful and flexible V12 engine, and a performance-honed six speed transmission, together with carbon ceramic brakes and an adaptive damper controlled suspension system.

The 6.0-litre V12 engine is the heart of the DBS. The LMP1 and DBR9 race cars are powered by an enhanced version of this same V12, in excess of 600 bhp. The shared powerplant continues the strong link between Aston Martin's road and race cars, just as the six-cylinder powerplant used in the DBR1 also powered the DB4, DB5 and DB6 in the 1950s and '60s.

Like all current Aston Martin sports car powerplants, the engine is hand-assembled at Aston Martin's dedicated engine facility in Cologne, Germany. The classic 6.0-litre V12 features a number of power-increasing enhancements. These include a 'by-pass' engine air intake port that opens above 5500 rpm to allow more air into the engine, and re-profiled air inlet ports that further improve airflow into the combustion chamber. Combined with a compression ratio of 10.9:1, the result of these enhancements is prodigious power and torque: the DBS delivers 380 kW (510 bhp/517 PS) at 6500 rpm.

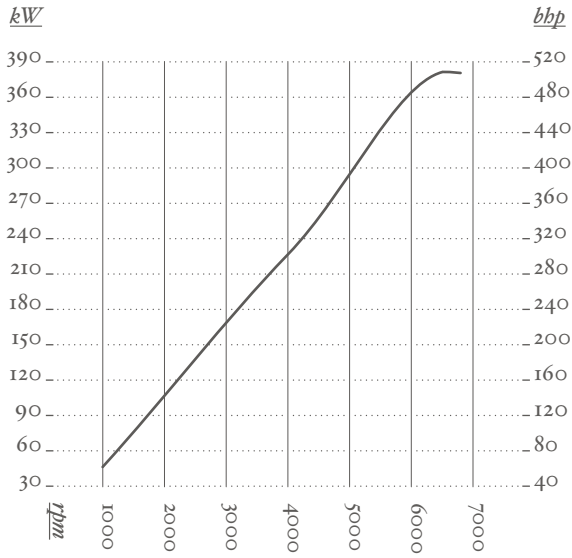
The short final-drive ratio ensures that the additional power is usable, enhancing in-gear acceleration in particular. A true sports car has to be light and well balanced. A lightweight, rigid structure is the design engineer's ultimate

goal, and achieving the right balance between strength and mass is crucial. Like the DB9 and its sibling DBR9 and DBRS9 race cars, the DBS uses Aston Martin's class-leading all-alloy VH (Vertical Horizontal) architecture, a lightweight bonded aluminium structure that provides outstanding strength and rigidity. Aston Martin's engineers have also employed advanced materials and processes to further reduce weight and increase the DBS's performance and dynamics.

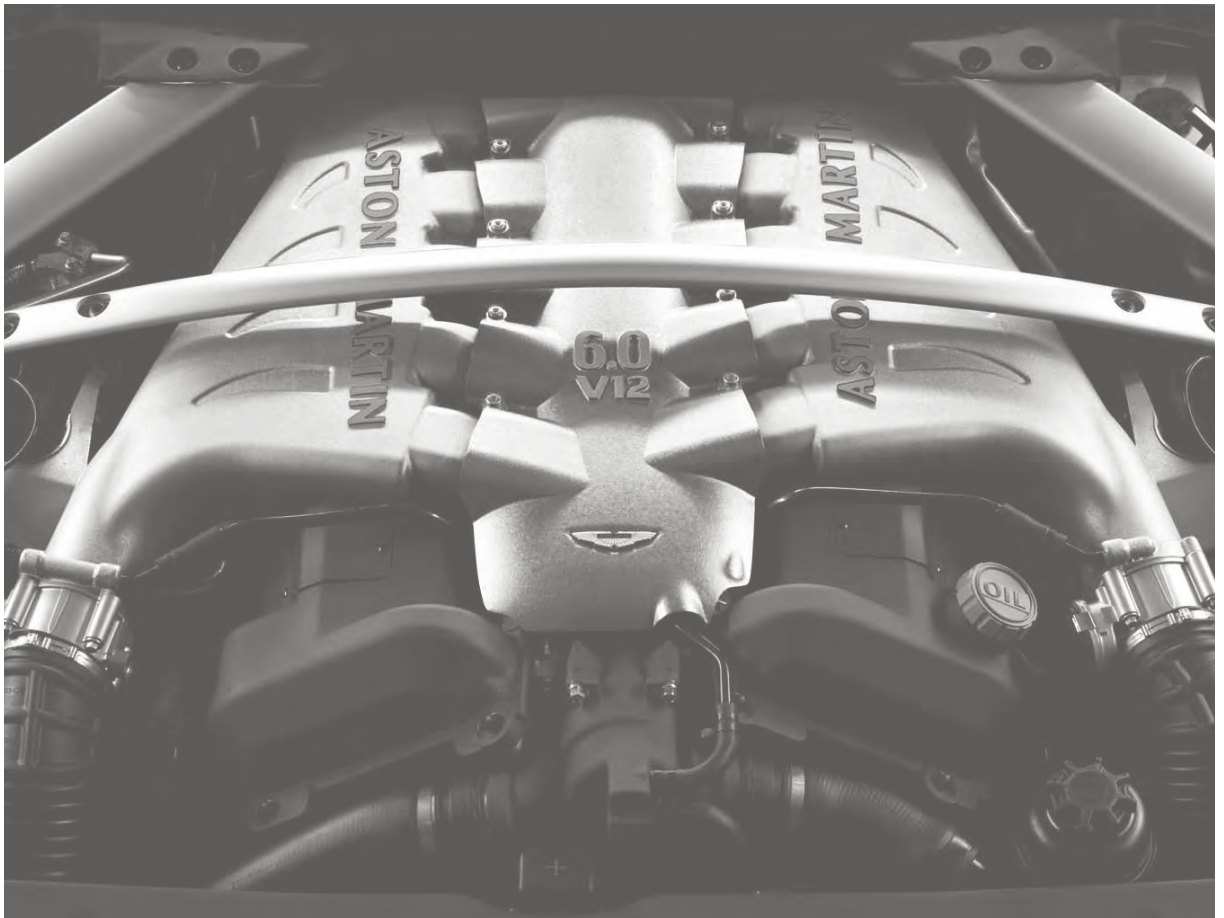
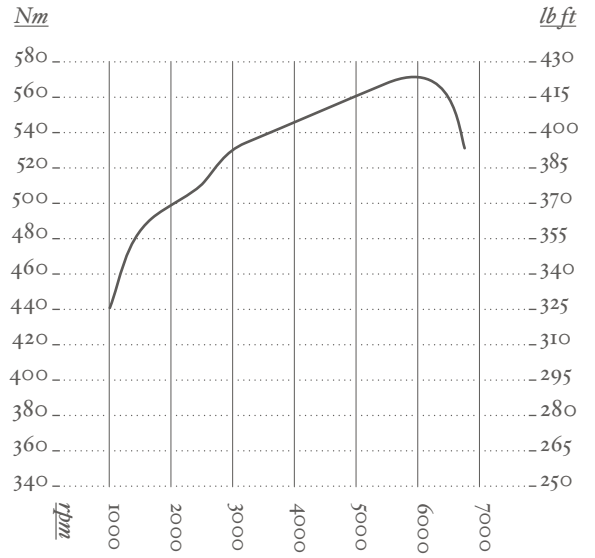
A key feature is the extensive use of carbon-fibre body panels, as in the DBR race cars. In the case of the DBS, carbon-fibre panels are used for the boot enclosure, boot lid, door opening surrounds, front wings and bonnet, giving a saving of some 30 kg over more conventional materials without any reduction in strength. 'There are no restrictions on form or shape in using carbon-fibre,' says Marek Reichman, Aston Martin's Design Director, 'and the material allowed us to wrap bodywork around the 20" wheels and maintain the precise relationship between the wheel and the bodywork.' Each panel has been carefully sculpted to direct the airflow around the car, into the engine and to help cool the braking system; the DBS bodywork is a harmonious composition of flowing, muscular forms. The carbon-fibre elements are produced using advanced manufacturing techniques developed from the aerospace and motorsport industries.

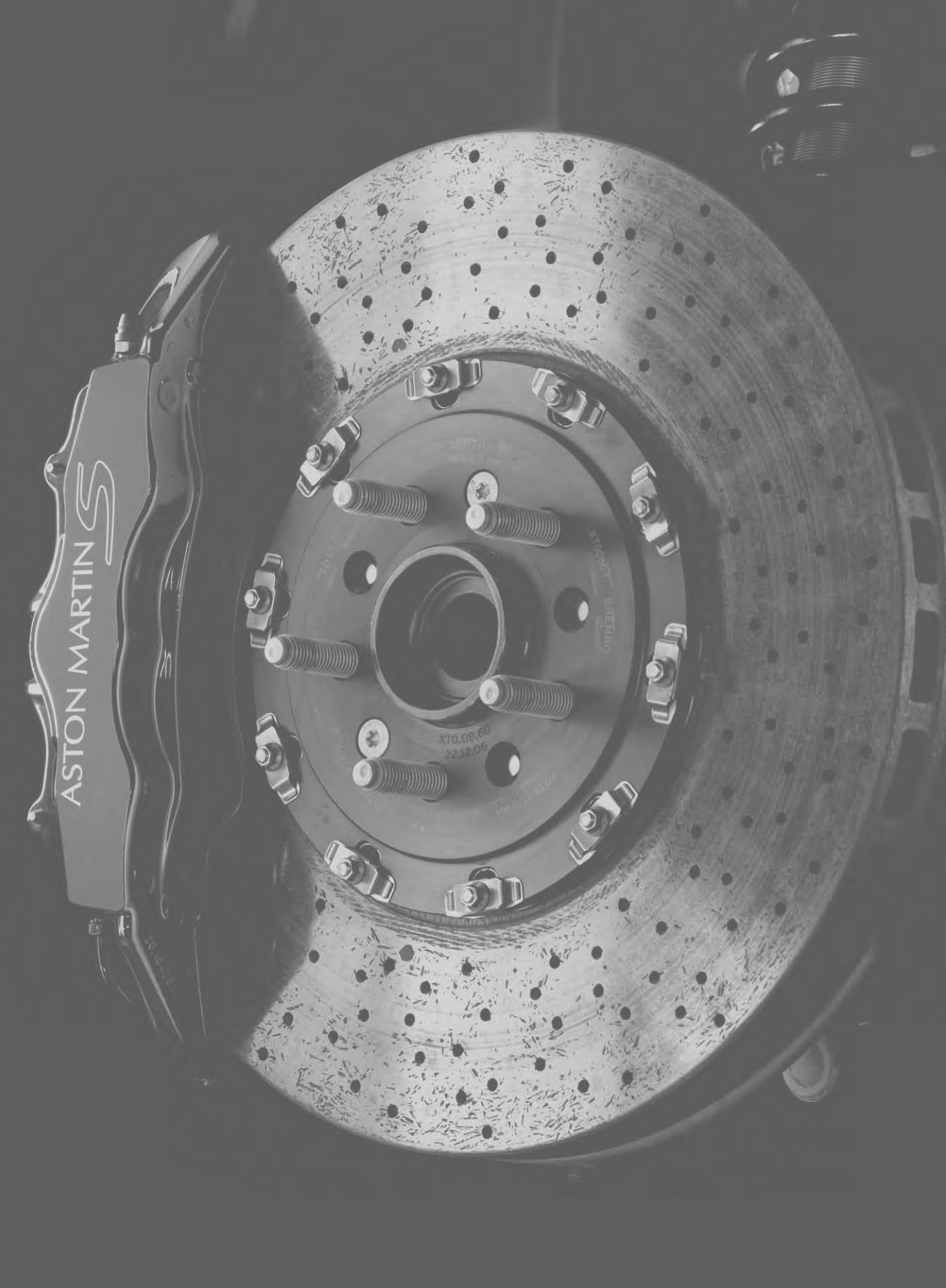
The new panel-making procedure also delivers an industry-leading surface finish, thanks to a patented 'Surface Veil' process. The application of a 200-micron layer of epoxy and glass to the panel delivers a class-A surface that is in line with Aston Martin's tradition of high-quality finishes. Inside the car, the weave patterns on the exposed carbon-fibre elements have been carefully selected to present the most harmonious surfaces.

Power



Torque





CONTROL

Light weight, and the distribution of that weight, is essential to the dynamics of any sports car, affecting almost every aspect of its performance. As with the DB9 and DBR race cars, the Aston Martin DBS benefits from the inherent characteristics of the VH platform architecture. The VH underframe consists of pressed, extruded and cast aluminium components, bonded together to create an immensely strong underlying structure, while the DBS's external body panels are manufactured from lightweight carbon-fibre, composite and aluminium.

This structure means that weight is kept to a minimum, with the front mid-mounted engine and rear mid-mounted transaxle ensuring a near-perfect weight distribution: 85 per cent of the car's weight is positioned within its wheelbase. The DBS's polar moment of inertia is therefore very low, producing a car with natural agility, a strong, stable platform for the V12's high power output and an exhilarating driving experience.

In order to take full advantage of its extremely precise and rigid platform, the DBS employs a sophisticated Adaptive Damping System (ADS) which uses two separate valves to set the dampers to five different positions, allowing instant adjustment of the car's ride and handling characteristics. The Adaptive Damping System automatically alters the suspension settings to ensure the driver has high levels of control at all times, with the ability to respond instantly to different driving conditions. The dampers can be 'softer', with a corresponding improvement in ride quality, or 'firm', providing improved body control for more spirited driving.

The damper settings are determined by an electronic control unit which takes sensor readings from the car's systems, including throttle position, brake position, steering wheel rotation and vehicle speed. This data establishes the prevailing driving conditions and the demands the driver is making on the car.

The DBS's Adaptive Damping System perfectly captures the car's sporting character, ensuring that stiffer dampers are available for better handling and control when the car is being driven enthusiastically, without compromising ride comfort during 'normal' driving conditions. A designated Track mode automatically sets all dampers to their firmest positions, making it ideal for circuit driving. The DBS is fitted with Pirelli P-Zero tyres that have been developed especially for the car, along with new 20" lightweight alloy wheels.

The DBS has a revised Dynamic Stability Control (DSC) system, designed to help maintain maximum traction in challenging driving conditions. In default operation, the DSC is automatically on. Select and press the button for two seconds and DSC Track mode is engaged, raising the threshold at which the system intervenes to allow the experienced driver to explore the car's limits. Hold the button for four seconds and DSC is disengaged entirely.

The car's braking system features another innovation, Carbon Ceramic Matrix (CCM) brakes. The DBS's carbon ceramic brake system consists of 398 mm diameter ventilated discs with six-piston alloy monobloc calipers at the front and 360 mm diameter ventilated discs with four-piston alloy monobloc calipers at the rear. The end result is shorter stopping distances with excellent resistance to fade in even the most demanding driving conditions. CCM brakes are also some 12.5 kg lighter than a conventional system, reducing the weight of the car overall and, in particular, the unsprung weight and rotational masses, further enhancing the performance of the suspension.

ENGINEERING

The DBS is technologically sophisticated and meticulously engineered. Its development programme included rigorous testing in locations as diverse as Nardo in Italy, Dubai in the Middle East and inside the Arctic Circle in Sweden. In total, more than one million testing miles have been covered.

Design and engineering innovations include the multistage Adaptive Damping that allows the car to absorb harsh road impacts but still control the wheels and body movement, and Carbon Ceramic Matrix (CCM) Brakes which decrease braking distances and lengthens brake life.

The propeller shaft is particularly innovative: it is manufactured from carbon-fibre for lightness and improved transmission refinement. The 'swanwing' doors are another elegant and ingenious design feature, opening out and up to improve access and prevent the doors from being scuffed on high kerbs. The DBS uses 'ultrasonic' welding, which is 90 per cent stronger than conventional spot welding and results in a better finish, yet uses only five per cent of the energy.

Aston Martin has developed its own incredibly light and strong aerospace derived bonded aluminium structure. This unique VH (Vertical Horizontal) structure gives the DBS one of the most structurally efficient body frames in the car industry. Its huge rigidity aids handling, driver feedback and safety. More than any other single component, the advanced aluminium structure is the reason for the DBS's extraordinary nimbleness, responsiveness and character.

However, it is not just the body structure that is light and rigid. Other components have been developed with weight reduction in mind, from the aluminium V12 engine and transmission to the forged aluminium suspension and aluminium bodied dampers. Even the windscreen surround is cast aluminium, while the door frames and inner panels, steering column and gear change paddles are all made from magnesium.

The result is that the DBS is up to 590 kg (1300 lb) leaner than some other GT cars. That's the equivalent of six average weight adult males, plus luggage. This light weight, allied to class-leading rigidity, contributes to improved acceleration, agility, steering response, braking and fuel economy, as well as a significantly heightened driving experience. Lightness and balance make the whole driving experience more pleasurable – from the deft movement needed to open and close the graceful, 'swan-wing' doors, to the touch and feel of every control on the dashboard.

The DBS, more than almost any other sports car, is in harmony with its driver, and in harmony with the road.





EXTERIOR DESIGN

The DBS is manufactured using the finest materials, with a combination of hand-finishing and pioneering high-technology processes. From the exceptional quality of the design and finish to the advanced production techniques employed to save weight and create strength, the DBS is both a technological masterpiece and a powerful visual and tactile experience, inside and out.

The DBS is the culmination of the DB bloodline, a synthesis of race-bred technology and road-going practicality that can be traced back to the iconic DB2, DB3S and DB4GT, DBR9 and DBRS9 race cars. The DBS's powerful, flowing form fuses the visual language of the DBR9 GTI race car with the innate elegance of the DB series. Lower and tauter than other Aston Martin production models, the DBS has subtly flared wheel arches accommodating standard 20" diameter wheels and tyres. These provide excellent stability and grip, while giving the car a muscular and athletic stance. The design process involved continuous revision and honing of the DBS's surfaces, ensuring that the shapes and forms represent perfectly the car's inherent power, while never diluting the fundamental proportions that are the essence of every Aston Martin.

The external detailing reflects the power and dynamic abilities of the DBS, with revised inlets and enlarged grilles that deliver more air into the engine and increase its cooling capacity. Subtle design details include a five-bar design for the polished alloy main grille, as well as two additional vents in the enlarged power bulge on the carbon-fibre bonnet. These vents are entirely functional, improving engine performance and efficiency, yet also communicating the increased power output of the updated V12 engine.

The DBS's aerodynamic enhancements are shaped by Aston Martin's racing experience. A carbon-fibre splitter and the front bumper design help channel airflow around the car's wider bodywork. The aerodynamics team worked hand in hand with the modelling team to ensure that the forms and surfaces of the DBS were sculpted for inherent stability at high speeds.

The widened front and rear track improve handling and give the car a more muscular character. To accommodate this additional width, the surfaces of the wings have been sculpted and re-shaped with harder lines, which also serve to emphasise the car's strength and power. The lowered ride height is accentuated by the enhanced side sills, carefully profiled to improve aerodynamic performance and reduce drag along the flanks.

The iconic Aston Martin side strake, a design feature of every DB car since the DB4, has been redesigned for the DBS, incorporating a side repeater formed by a bank of LEDs.

Improved aerodynamics shape the rear of the DBS, where the more prominent boot spoiler is carefully incorporated into the carbon-fibre boot lid. A horizontal chrome finisher is set into the lid to accentuate the wide track of the new car. The car's flat undertray helps to improve the aerodynamics of the underbody surface and culminates in a new carbon-fibre rear diffuser, another feature carried over from the race cars. This device creates an area of low pressure beneath the rear of the car, reducing lift and improving high-speed stability without the need for large, unsightly external spoilers. The one-piece diffuser also incorporates the DBS's large and distinctive twin exhaust tailpipes.

The DBS was designed from the outset as both a coupe and a convertible, an uncompromising approach that epitomises the engineering philosophy behind the car. The DBS Volante is therefore one of the most structurally rigid and best-handling convertibles in the world. It is also one of the fastest and quietest.

As with all Aston Martins, beauty and balance are critical. The DBS Volante is perfectly proportioned from every angle, roof up or down. The convertible top retracts at the single push of a button and swiftly stows beneath a hard tonneau cover that closes flush with the rear bodywork, leaving the lines of the car flowing and unbroken.

The Volante's elegant folding fabric roof is light and durable. A layer of Thinsulate[®] material insulates the cabin from both noise and the elements when the roof is up, and optimises headroom for the driver and front passenger. There is also no loss of practicality – the folding fabric roof is compact when stowed, allowing the DBS Volante to retain its rear seats and ample boot space.

Safety is always of paramount importance to Aston Martin. The DBS Volante rises to the challenge of being a convertible car by having amongst other things special tilt sensors which are designed to detect the possibility of a roll-over and deploy two strengthened hoops from the rear seat headrests. Further protection is offered by the windscreen A-pillars, which have been rig tested to withstand more than twice the total weight of the car.

INTERIOR DESIGN

An Aston Martin interior combines comfort with function, the tactile delights of visible craftsmanship and modern materials with careful attention to detail. The DBS is no exception, focusing the driver's attention on the most crucial information, without losing sight of the functionality, comfort and innovation that are synonymous with all Aston Martins.

The interior of the DBS represents the epitome of Aston Martin's commitment to using materials honestly, without disguise or embellishment. Lightweight materials are used throughout to save weight: door pulls are made from carbon-fibre. In addition, the DBS special colour and trim range includes carpet woven with lighter fibres to save valuable kilograms and special semi-aniline leather is used throughout the cabin, not only saving weight, but also giving a soft feel and distinctive aroma.

The DBS features unique primary controls, including a new steering wheel profile with a twin-stitched detail marker that indicates the 'on-centre' position. The gear knob is fashioned from polished alloy to echo the metallic finishes on the new centre console. The instrument cluster is designed with white numerals on a dark graphite background for excellent legibility. The twin-stitch pattern runs through the interior as a signature device; the alignment of both stitch lines is testament to Aston Martin's ongoing tradition of exceptional craftsmanship.

The DBS was conceived as a two-seater to reflect its racing lineage. If greater seating flexibility is preferred, however, customers can select the option of two rear seats in place of the two large storage areas behind the front seats. There is also the option of a unique, hand-crafted saddle with special compartments for CDs, maps, guidebooks, etc, which fits across the rear transmission tunnel. Manufactured by a master saddle maker, the saddle combines lightness and durability with elegance and practicality.

The DBS is fitted with electrically adjustable sports seats featuring the signature twin-stitch patterning together with the DBS logo embroidered onto the backrest.

The DBS start sequence blends tradition with high technology and a touch of theatre. The ignition ECU (Emotion Control Unit) has evolved into a machined and highly tactile polished glass ECU, incorporating a stainless steel inner case. Resembling a fine wristwatch or a piece of contemporary sculptural jewellery, the ECU epitomises the spirit of the DBS.

The start sequence of the DBS is augmented by an all-new centre console design with a cast metal surround, crisp typography and new graphics. The new console has a traditional dial-face clock at the centre, flanked by two rotary controls for the heating and air-conditioning system, fashioned from satin finished aluminium. These controls are also used to navigate the audio system, integrated Bluetooth telephone and satellite navigation functions. The Bang & Olufsen BeoSound DBS sound system has a total power output of 1000 W and has been exclusively developed for the DBS to provide outstanding sound quality. A slot for the six-CD autochanger is located at the top of the console, while underneath the centre armrest there is inbuilt connectivity for an Apple iPod®. Full Bluetooth integration is standard on the DBS, enabling you to synchronise your mobile telephone directory through the car's display screens. It can also display the last 10 calls received, made and missed.



HERITAGE

Aston Martin is one of the world's most distinguished sports car manufacturers. It has produced exclusive, hand-crafted sports cars for over 90 years. In that time, just over 50,000 Aston Martins have been built and more than 80 per cent are still in use, cherished, driven and raced by enthusiastic owners around the world.

The founders of the company, Lionel Martin and Robert Bamford, had a clear vision: to create sports cars with a distinctive character; cars built to a high standard that were exhilarating to drive and own; cars with power, beauty and soul. Those values remain integral to our approach.

In 1947, Aston Martin was acquired by industrialist David (later Sir David) Brown, and soon produced the first of the famous 'DB' series of cars. These iconic models were among the most beautiful and desirable of all sports cars of the

1950s and 1960s and helped define Aston Martin's image and ethos, as well as securing its long-term future.

David Brown's period of ownership also saw Aston Martin win at Le Mans in 1959, with the DBR1, and secure victory in that year's World Sportscar Championship.

In 1964, Aston Martin made its big-screen debut when a specially customised DB5 starred alongside Sean Connery in *Goldfinger*, the third James Bond film. More than 40 years on, the special relationship with 007 is still going strong – the legendary British secret agent drives an Aston Martin in both *Casino Royale* and *Quantum of Solace*.



Racing remains firmly intertwined with the company's DNA. Aston Martin made an evocative return to international sports car racing in 2005 when a Works-prepared DBR9 took class honours on its debut at the 12 Hours of Sebring before confirming its ability by winning the famous Tourist Trophy outright at Silverstone. The main objective, however, was always victory at the Le Mans 24 Hours – a feat achieved in 2007 and 2008 when the DBR9 overcame its GT1 rivals to further Aston Martin's enviable racing pedigree. For 2009, Aston Martin entered the premier LMP1 class at Le Mans with a new, purpose-built car powered by the same production-based V12 engine that powers the DB9. Aston Martin finished a creditable fourth overall and, significantly, was the highest-placed petrol-fuelled car. It then went on to win outright the second round of the Asian Le Mans

Series in Japan and to secure overall team and driver titles in the European Le Mans Series after finishing on the podium in all five of the Series races.

A production version of Aston Martin's V12 Vantage, powered by a standard V12 engine, won its class first time out at the gruelling Nürburgring 24-Hour race in 2009. In addition, Aston Martin is the only manufacturer to offer a production-based racing car in all four FIA-sanctioned sports car classes (GT1, GT2, GT3 and GT4), all of which have enjoyed considerable success around the world.

Customers are invited to share in this heritage: a visit to the HQ and factory at Gaydon in Warwickshire forms an important part of the unique Aston Martin buying experience.



DBS

Body

- Two-door coupe body style with 2+0 seating or convertible with 2+2 seating
- Bonded aluminium VH structure
- Aluminium, magnesium alloy and carbon-fibre composite body
- Extruded aluminium door side-impact beams
- High Intensity Discharge headlamps (dipped beam)
- Halogen projector headlamps (main beam)
- LED rear lamps and side repeaters
- High performance beam blade wiper

Engine

- All-alloy, quad overhead camshaft, 48-valve, 5935 cc V12
- Compression ratio 10.9:1
- Front mid-mounted engine, rear-wheel drive
- Fully catalysed stainless steel exhaust system with active bypass valves
- Max power 380 kW (510 bhp/517 PS) at 6500 rpm
- Max torque 570 Nm (420 lb ft) at 5750 rpm
- Acceleration 0-100 km/h (0-62 mph) in 4.3 sec
- Max speed (manual) 307 km/h (191 mph)
- Max speed (Touchtronic 2) 295 km/h (183 mph)

Transmission

- Rear mid-mounted, six-speed manual gearbox
- Rear mid-mounted 'Touchtronic 2' six-speed gearbox with electronic shift-by-wire control system
- Alloy torque tube with carbon-fibre propeller shaft
- Limited-slip differential
- Final-drive ratio – manual 3.71:1
- Final-drive ratio – automatic 3.46:1

Steering

- Rack and pinion, Servotronic speed-sensitive power-assisted steering, 3.0 turns lock-to-lock
- Column tilt and reach adjustment

Wheels & tyres

- 20" 20-spoke alloy wheels
- Front 8.5" x 20" Pirelli P Zero 245/35
- Rear 11" x 20" Pirelli P Zero 295/30

Suspension

- Front Independent double wishbones incorporating anti-dive geometry, coil springs, anti-roll bar and monotube adaptive dampers
- Rear Independent double wishbones with anti-squat and anti-lift geometry, coil springs, anti-roll bar and monotube adaptive dampers
- Adaptive Damping System (ADS) with Track mode

Brakes

- Front Ventilated carbon ceramic discs, 398 mm diameter with six-piston calipers
- Rear Ventilated carbon ceramic discs, 360 mm diameter with four-piston calipers

- Dynamic Stability Control (DSC) with Track mode
- Anti-lock Braking System (ABS)
- Electronic Brakeforce Distribution (EBD)
- Emergency Brake Assist (EBA)
- Traction control

Interior

- Full grain leather and Alcantara interior (coupe)
- Full grain leather interior (Volante)
- Full length Piano Black fascia trim
- Glass faced switchgear
- Carbon-fibre door trims and door pulls
- Auto-dimming interior rear-view mirror with garage door opener (USA and Canada only)
- Electrically adjustable seats
- Memory seats and exterior mirrors (three positions)
- Dual-stage driver/passenger front airbags
- Side airbags (sports seats only)
- Automatically deployed roll-over bars (Volante)
- Heated seats (sports seats only)
- Heated rear screen
- Automatic temperature control
- Organic Electroluminescent (OEL) displays
- Trip computer
- LED map lights
- Cruise control
- Satellite navigation^{1,2}
- Bluetooth telephone preparation¹
- Powerfold exterior mirrors
- Front and rear parking sensors
- Tyre-pressure monitoring¹
- Alarm and immobiliser
- Remote-control central door locking and boot release
- Wind deflector (Volante only)
- Tracking device³ (UK only)
- Boot-mounted umbrella

In-car entertainment

- Bang & Olufsen BeoSound DBS Audio system with 1000 W RMS of ICEpower^{®4} amplification and a 6CD Autochanger
- Integrated Apple iPod[®] connector⁵
- USB connector with Waveform Audio Format (WAF), Windows Media Player (WMA) and MPEG (MP3) audio file compatibility
- 3.5 mm auxiliary input socket

Options

- 20" 20-spoke alloy road wheels with Graphite finish
- 20" 10-spoke diamond turned alloy road wheels
- 20" 10-spoke diamond turned alloy road wheels with a Graphite finish
- Alternative brake caliper finish – grey, red, yellow
- Magnum Silver bonnet meshes
- Pirelli PZero Corsa sports tyres
- Satellite radio system (USA only)
- Second glass key
- Leather key pouch
- Leather storage saddle⁶

- Alternative facia trim finish with Iridium centre console surround – Walnut, Mahogany, Bamboo, Tamo Ash
- Personalised sill plaques
- Auto-dimming interior rear-view mirror¹
- Auto-dimming interior rear-view mirror with garage door opener (Europe only)
- Alarm upgrade (volumetric and tilt sensors)
- Tracking device^{1,3}
- First-aid kit
- Ashtray and cigar lighter
- Lightweight seats (coupe only)^{1,6}
- 2+2 seating configuration (coupe only)
- Alcantara steering wheel (coupe only)

Dimensions

- Length 4721 mm (185.9")
- Width 1905 mm (75") excluding door mirrors, 2060 mm (81.1") including door mirrors
- Height 1280 mm (50.4")
- Wheelbase 2740 mm (107.9")
- Fuel tank capacity 78 litres (17.2 UK gal, 20.5 US gal)
- Weight (coupe) 1695 kg (3737 lb); (Volante) 1810 kg (3990 lb)

Fuel consumption – Manual⁷ Litres/100 km (mpg)

- Urban 24.3 (11.6)
- Extra-urban 11.7 (24.1)
- Combined 16.4 (17.3)

Fuel consumption – Automatic⁷ Litres/100 km (mpg)

- Urban 24.2 (11.7)
- Extra-urban 10.5 (26.8)
- Combined 15.5 (18.2)

Gas mileage (North America only) – Manual

- City 11 mpg
- Highway 17 mpg

Gas mileage (North America only) – Automatic

- City 12 mpg
- Highway 18 mpg

CO₂ emissions⁷

- 388 g/km – manual
- 367 g/km – automatic

^{1/} Not available in all markets.

^{2/} Includes Traffic Messaging Channel (TMC) in Continental Europe.

^{3/} Complies with UK Thatcham Category 5 requirements. Excludes subscription. Standard in UK.

DBS CARBON EDITION

(in addition to the standard specification)

Body

- Two door coupe or convertible body style with 2+2 seating

Transmission

- Rear mid-mounted, six-speed manual gearbox
- Rear mid-mounted 'Touchtronic 2' six-speed

Exterior Colour

- Carbon Black
- Flame Orange
- Ceramic Grey

Interior

- Obsidian Black – Semi-aniline leather (coupe)
- Obsidian Black – Full grain leather (Volante)
- Sahara Tan – Full grain leather (coupe and Volante)
- Madagascar Orange – Full grain leather (coupe and Volante)
- Obsidian Black quilted leather headlining inner (coupe)
- Obsidian Black alcantara headlining outer (coupe)
- Ivory headlining (Volante)
- Tailor's Grey headlining (Volante)
- Obsidian Black headlining (Volante)
- Obsidian Black carpet
- Sahara Tan carpet
- 2+2 seating – (coupe and Volante)
- Carbon-fibre and Piano Black facia trim
- Black anodised B&O® speaker grilles
- Unique sill plaque

Exterior Trim

- 10-spoke alloy wheels with diamond turned and gloss black finish
- Black bonnet and side strake meshes
- Carbon-fibre mirror caps
- Carbon-fibre rear lamp infills
- Smoked rear lamps
- Black exhaust tailpipe finshers
- Black front grille

Options

- 10-spoke alloy wheels with reverse diamond turned and gloss black finish
- 10-spoke alloy wheels with full gloss black finish
- Alternative gold brake caliper finish
- Magnum Silver bonnet meshes
- Bright finish front grille

^{4/} ICEpower® is a proprietary technology of Bang & Olufsen.

^{5/} iPod® is a trademark of Apple Inc., registered in the US and other countries.

^{6/} Not available with 2+2 seating configuration or for Volante.

^{7/} Data not applicable to North American market.

IMPORTANT NOTICE

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Performance results

Performance results, fuel consumption figures and CO₂ emissions data quoted in this brochure are obtained under controlled test conditions (in accordance with applicable regulations) and may vary depending on the specification of the particular car, road and environmental conditions and driving style. Tyre choice may also impact on performance results, fuel consumption, CO₂ emissions, ride comfort and handling.

Published figures should be used for comparison purposes only and verification should not be attempted on public roads. No guarantee is given express or implied of performance results, fuel consumption or CO₂ emissions.

Aston Martin Lagonda Limited strongly urges that all speed laws be obeyed and that safety belts be worn at all times.

The weight of the car will influence the level of CO₂ emitted and as a result, cars with higher levels of specification and factory fit options may emit higher levels of CO₂. However, Vehicle Excise Duty is charged according to the weight of and CO₂ emissions of the standard car, as published in this brochure.

All petrol engines are fitted with a catalytic converter.

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