DB9 – A STRIKING BALANCE

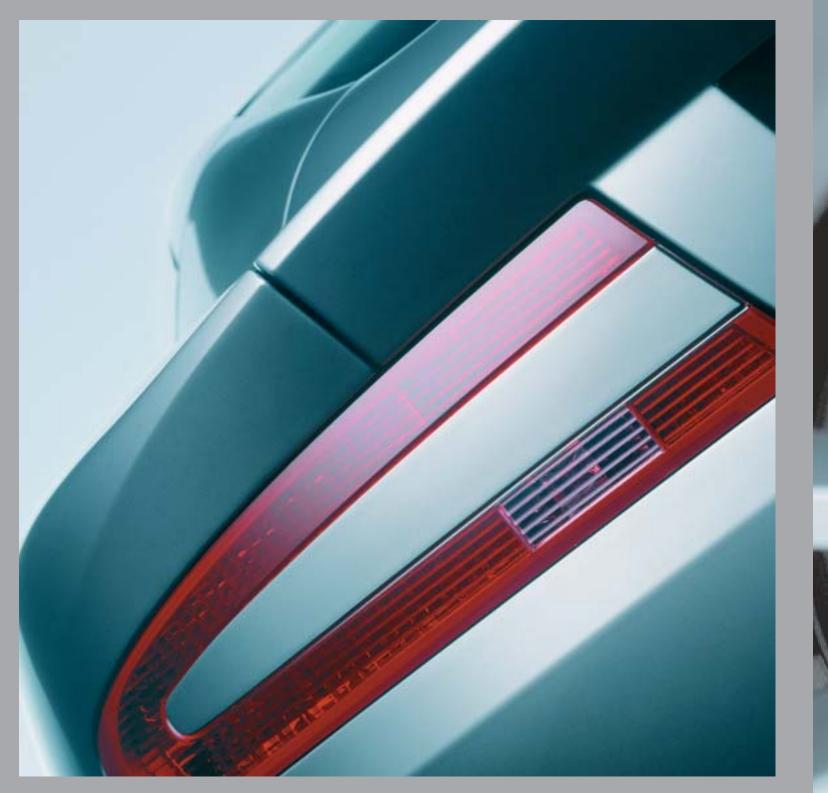




THE ASTON MARTIN DB9 A STRIKING BALANCE

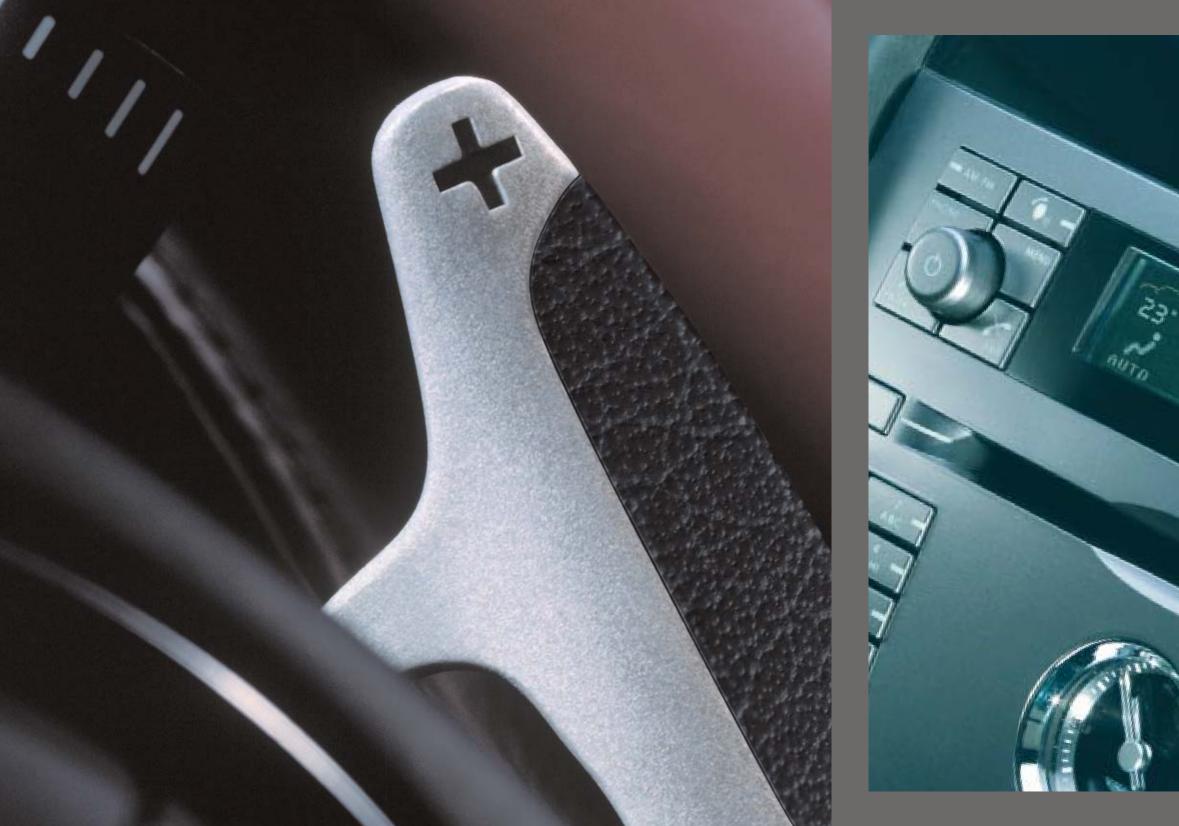
DB9 is a thoroughbred sports car with GT levels of comfort and refinement. Its design philosophy is uncompromising and brings together everything that makes a sports car great with that unique Aston Martin character, borne out of craftsmanship and use of the finest quality materials.



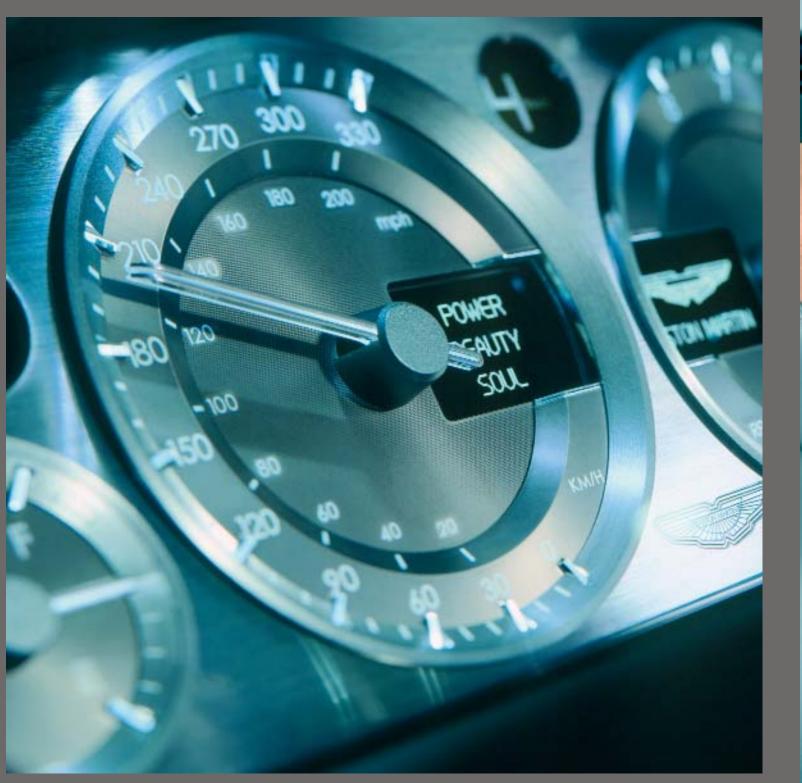




















SO WHAT IS IT THAT MAKES A GREAT SPORTS CAR?

Most cars are a series of compromises. The result is usually rational – even impressive – on paper but often bland and soulless in reality. Sports cars should be all about character and driver involvement. They need to look great, sound great and have power and performance to stir the soul.

But what is beauty without aerodynamic efficiency? Power encumbered by weight? Straight-line performance without agility? Great sports cars balance these apparent opposites, creating an experience that is both unique and unforgettable. What the driver sees, hears and feels is in harmony. The reward is total involvement: a level of engagement that truly stimulates the senses, that re-ignites the passion for driving.

DB9 meets all of these challenges. Undeniably beautiful yet efficient. Power in proportion to weight. Harmony of sound and performance and dynamic ability inherent through good design.

But an Aston Martin is also luxurious. On those occasions when top speed and maximum acceleration are not really necessary, indulge yourself.

Be uplifted by the magnificent styling; revel in a sumptuous, fully equipped cabin trimmed in the finest quality materials; enjoy the superb Linn audio system; select Drive and let DB9's 6.0-litre V12 and shift-by-wire fully automatic transmission do the rest.

Sunday, after all, is only a few days away.





STYLING UNDERSTATED ELEGANCE

Sports cars are meant to be beautiful, and no maker of sporting cars has a better reputation for understated elegance and graceful styling than Aston Martin. Their beauty comes from a ground-hugging stance, taut surfacing, and thorough attention to detail.

They are subtle, not attention- Key Aston Martin design seeking. DB9 appears as if milled from a solid piece of aluminium.

Its side profile is typically Aston Martin: very clean, with a single sweep roofline. The uncluttered lines flow through to a distinctive tail, and the haunches on the rear wings are wide and curvaceous.

characteristics include the distinctive grille, metal side strakes and signature rear window shape.

'Aston Martins are not edgy. They don't have sharp to help achieve this. surfaces or pronounced is gently curved, like an athlete with great muscle designer Henrik Fisker. Great design, however, is not just about form; it is also about function.

definition very fast, so it needs to be aerodynamically efficient. It must be superbly stable at high speed – even the exhaust silencer is aerodynamically shaped

drives arrow-straight at high speed yet, like all great with supreme elegance and grace.









IT TAKES ONE PUSH OF A BUTTON AND A MERE 17 SECONDS TO RAISE OR LOWER THE ROOF OF THE VOLANTE.
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DB9 was conceived and designed, from the outset, as light, attractive and durable, both a coupe and a convertible and is also compact when (Volante). This uncompromising stowed. There is no loss of approach is typical of the whole DB9 engineering philosophy. That is why DB9 offers ample boot space. Volante is one of the most structurally rigid and best handling convertibles in the world. It is also one of the fastest and quietest.

It looks elegant and perfectly proportioned from every angle - with roof up or down. As with all Aston Martins, beauty and proportion is of key importance.

DB9's folding fabric roof is practicality - DB9 Volante retains the rear seats, and still

The roof retracts fully, at the single push of a button, and swiftly stows beneath a hard tonneau cover that closes flush with the rear bodywork.

Safety is of course a major consideration. Special tilt sensors detect the danger of a possible roll-over and deploy two strengthened hoops from the rear seat headrests. Further safety protection is offered by the windscreen A-pillars, which can withstand more than twice the total weight of the car.



100% ASTON MARTIN ENGINEERED TO BE THE WORLD'S FINEST SPORTS GT

DB9 is new from the ground Aston Martin developed its up. Every feature has been tailored to make the world's finest sports GT.

The starting point was to define the ideal dimensions, proportions and materials for most structurally efficient the chassis. Aston Martin did body frames in the car not use an adapted platform industry. Its enormous rigidity and aluminium-bodied from an existing family or luxury saloon – the most common starting point for GT other single component, cars. This approach can lead the advanced aluminium to compromise in styling and structure is the reason weight and loss of character.

aerospace-specification bonded aluminium structure. This 'VH' structure, which is unique to Aston Martin, has given DB9 one of the aids handling, driver feedback dampers. Even the and safety. More than any for DB9's extraordinary nimbleness, responsiveness and overall character.

However, it is not just the body structure that is light have been developed with light weight in mind.

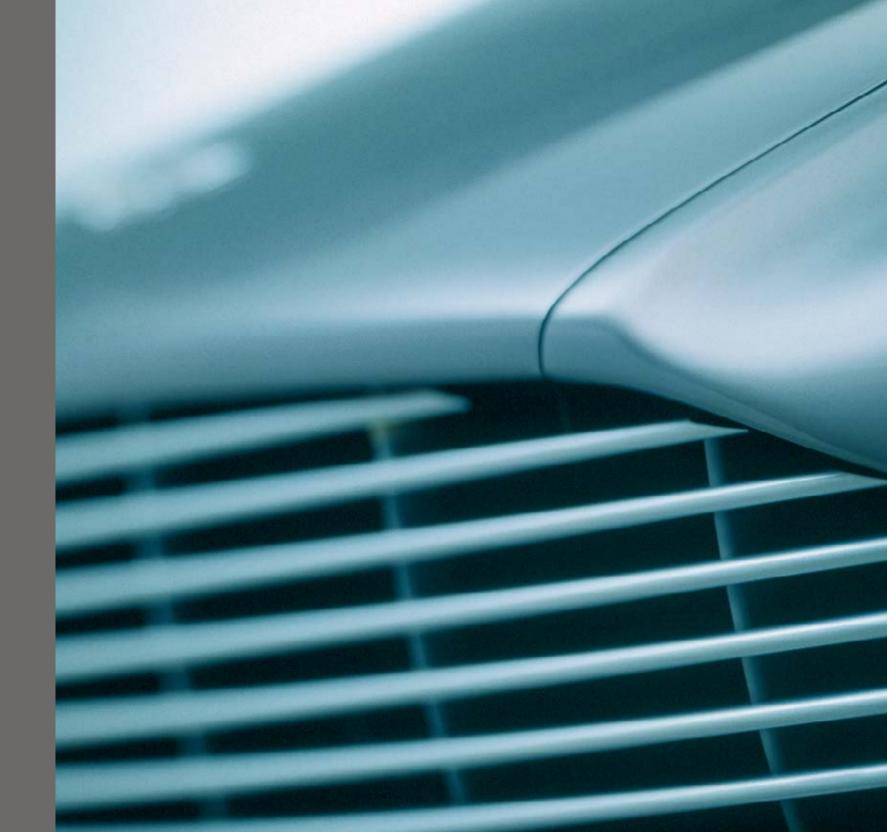
All major body and alloy, or advanced lightweight six men, plus luggage. composite materials.

These include the aluminium class-leading rigidity, V12 engine and transmission, contributes to improved forged aluminium suspension, windscreen surround is cast aluminium, while the door frames and inner panels, steering column and gearchange paddles are magnesium.

The result is that DB9 is up to own incredibly light and strong mechanical components are 600 kg leaner than some other either aluminium, magnesium GTs. That's the equivalent of

> This light weight, allied to acceleration, agility, steering response, braking and fuel is a significantly heightened driving experience.

> In every case with DB9, the ideal solution - not the easy solution – has been sought. That is why DB9 is a charismatic sports car. Superb to drive; lovely to behold: 100% Aston Martin.



PERFECT BALANCE IN HARMONY WITH ITS DRIVER AND IN HARMONY WITH THE ROAD

Great sports cars must handle superbly. They should respond quickly and predictably to driver commands; they should be nimble and agile.

The front-to-rear weight distribution of DB9 is a perfect 50:50 with 85 per cent of the car's mass sited between the front and rear axles.

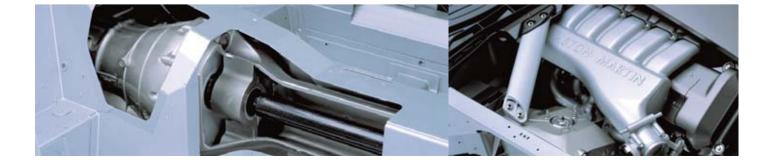
The aluminium V12 engine is mounted as far back as possible in a 'front midengined' layout. The compact aluminium transaxle housing the gearbox and final drive is positioned at the rear, forward of the rear axle.

A lightweight and rigid carbon fibre propellor shaft, housed in a cast aluminium torque tube, transfers torque from the front-mid engine to the rear-mid transmission. This gives DB9 its superb balance.

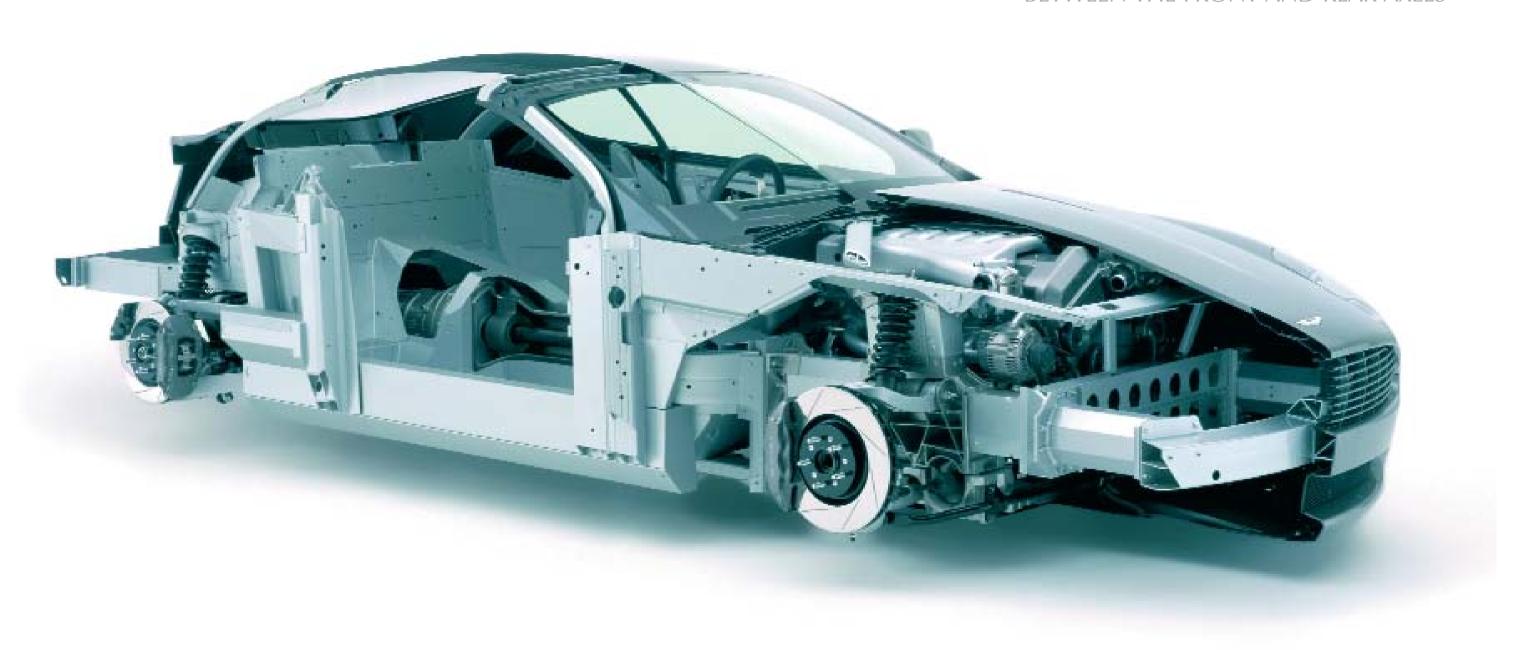
The result is a car that can be driven with great delicacy, a car that communicates richly through its steering, that is stable and predictable. DB9 excels not because it has myriad electronic controls added in an attempt to overcome compromise, but because it has an inherently light and stiff structure, perfect weight distribution and finely tuned suspension.

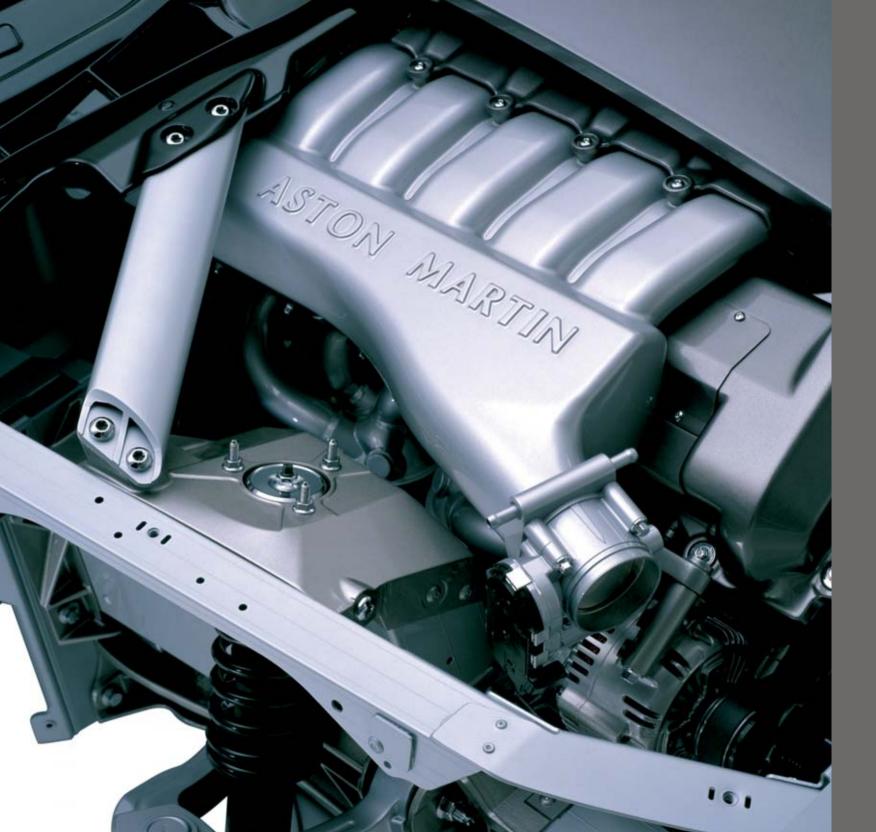
This lightness and balance make the whole driving experience more pleasurable – from the deft touch needed to open and close the elegant 'swan-wing' doors, to the touch and feel of even the most minor controls.

DB9, more than almost any other sports car, is in harmony with its driver, and in harmony with the road.



FRONT-TO-REAR WEIGHT DISTRIBUTION IS A PERFECT 50:50 WITH 85 PER CENT OF THE CAR'S MASS SITED BETWEEN THE FRONT AND REAR AXLES





V12 POWER & PERFORMANCE DESIGNED TO STIR THE SOUL

A great sports car needs a great engine – it is the heart of any high-performance machine.

In DB9's case, that great engine is a powerful yet refined all aluminium 6.0-litre V12. It produces 335 kW (450 bhp) and 570 Nm (420 lb ft) of torque.

That results in a power to weight ratio of 194 kW/tonne (263 bhp/ tonne) – one of the highest figures in its class.

Performance is enormous, yet usable. Top speed is up to 300 km/h (186 mph) and acceleration sees 0-100 km/h (62 mph) in 4.9 seconds (add two tenths of a second for the automatic).

These figures are impressive and DB9 will respond with real passion.

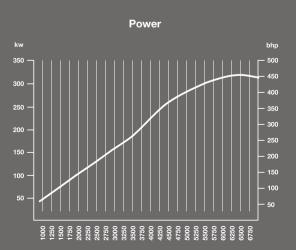
But it can also relax, with 80 per cent of the V12 engine's torque, or pulling power, available from as little as 1500 rpm. Mid-range performance is astonishing, giving instant overtaking power almost regardless of engine speed, or even which gear the car is in. DB9 offers a choice of two transmissions, both allowing the driver terrific interaction with the car.

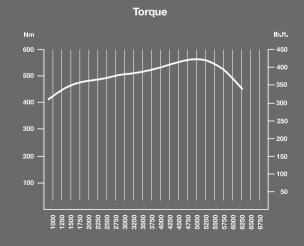
The six-speed 'Touchtronic 2' If preferred, or where driving fully automatic transmission conditions tempt, magnesium uses shift-by-wire technology, alloy paddles, sited behind and replaces the conventional the steering wheel, enable instant, F1-style gear gear lever with dashboardchanges, providing the mounted buttons to select Park, Reverse, Neutral and choice of rapid and involving fingertip gear changing. Drive modes. The result is sophisticated yet intuitive: quick and easy to use and

providing instant response

to driver input.

Unlike many other sports GTs, DB9 also offers a six-speed manual gearbox, featuring a conventional gear change and new highcapacity, twin-plate clutch.





DRIVER INTERFACE TWO-WAY COMMUNICATION

More than any other quality, DB9 seeks to serve up the richest driving experience in the sports GT class. It balance of engine and exhaust notes; it scintillates with its performance and agility; it charms with its delicious blend of fluent steering and linear controls.

This match of performance and luxury is the reason why DB9 can be both out-and-out sports car and refined GT.

The cabin of DB9 is built around the driver. You sit as low and as close as possible to the car's centre of gravity. serenades the driver with its Combined with the rigid body structure and all-aluminium, double-wishbone suspension, for lightness, is superbly the result is unfiltered feedback of the car's dynamic behaviour.

> This rich two-way communication - car to driver, driver to car - is at the very core of DB9's design philosophy.

Aston Martins have always made great music. The V12 firm yet progressive pedal feel. engine has been described as the finest-sounding engine in production. The exhaust is tuned not only to be efficient and 'clean' but to provide the appropriate musical accompaniment to the engine.

Under hard acceleration, the engine growls in triumph. Yet, when cruising, the growl becomes muted and melodic.

The steering, power-assisted responsive, helped by the car's low weight and superb balance. The vast disc brakes - 355 mm diameter discs at the front, and 330 mm at the rear - are ventilated and grooved, to aid cooling and boost braking performance. Radially mounted four-piston monobloc calipers provide great stopping power with a



Right: Interior features optional piano black wood trim and six-speed manual transmission



THE INSIDE STORY AN ELEGANT & LUXURIOUS CABIN HAND-TRIMMED IN NATURAL MATERIALS

DB9 is a luxurious sports car. The cabin interior is hand-It is supremely comfortable, made, from the cutting of with a cabin hand-trimmed in beautiful, natural materials the wood. This is not done - primarily wood and leather. merely for 'traditional' There is the latest in modern reasons. It is done because technology, yet there are no a skilled craftsman can finish superfluous controls or displays. There is a minimum any machine. The leather is of distraction. Even the satellite navigation screen motors seamlessly away when not in use.

Yet the car has very high equipment levels, as you would expect in a thoroughbred sports car with GT levels of comfort and refinement.

the leather to the crafting of wood or leather better than particularly soft and supple, as you would expect of Aston Martin, and is used throughout the cabin.

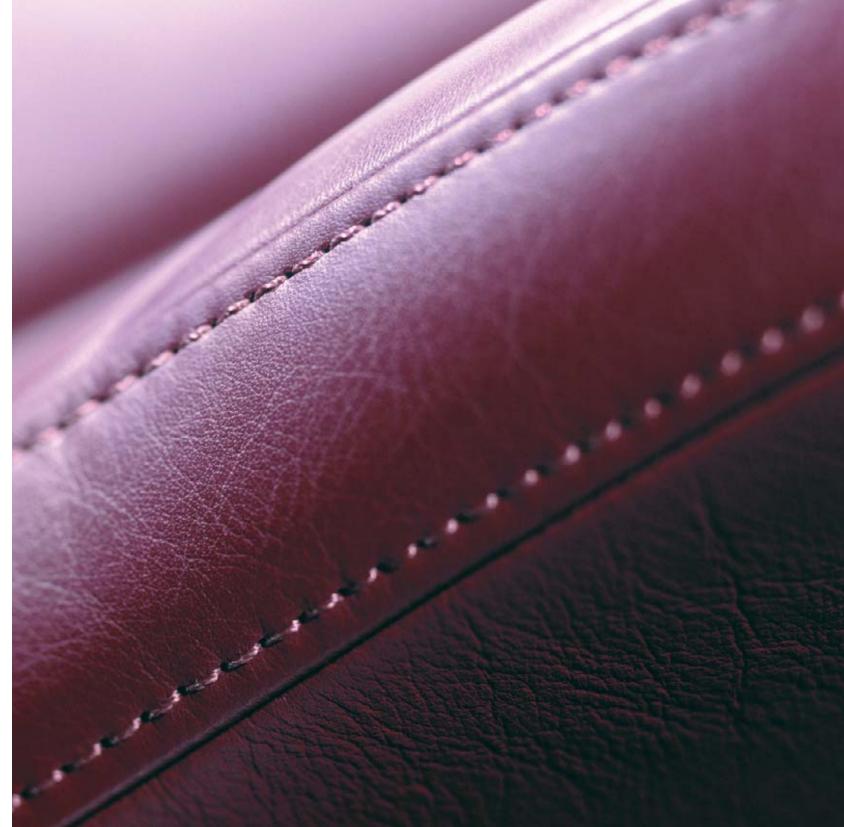
Wood trims are inspired by quality, hand-finished furniture. There is a choice of four: walnut, mahogany, bamboo and piano black.

In every case, 'single piece' cuts are used, rather than tiny strips or thin appliqués. Crafting such large pieces of wood is only possible when done by hand.

The use of aluminium on

the dashboard, in the instrument panel and for the marvellous precision and door handles, reflects the widespread use of that beautiful and lightweight metal throughout the rest of the car. It is a stylish and contemporary metal, yet one steeped in automotive tradition. Even the starter button, the driver's first interaction with the V12 engine, is beautiful, made from clear glass.

A great sound system is a pre-requisite in a luxury car, and so Aston Martin turned to Linn, the exclusive hi-fi manufacturer. The audio system is specially designed by Linn for DB9, with highquality, fibre optic electronics passing audio signals with near-perfect clarity.



















PERSONALISATION AN EXCLUSIVE SPORTS CAR TAILORED FOR INDIVIDUALS

Aston Martins are hand-built Twenty paint colours, cars, made to order. This exclusive, bespoke tailoring philosophy means any combination of paint and leather trim colour is possible. That is the essence of hand Twenty shades of the finest, craftsmanship; it's what makes softest leather, eight colours Aston Martin's new Gaydon of carpet and four choices facility the Savile Row of sports car production.

There is, of course, an extensive palette of standard body colours and interior finishes. These have been specially chosen by Aston Martin's team of the world to gain inspiration for colours, materials, surfaces and finishes.

categorised as 'contemporary' enthusiast are available, to and 'fast track', vary from subtle metallics to the brightest hues.

of wood trim - walnut, mahogany, bamboo and piano black - complete the choice.

For DB9 Volante, five roof colours are available, from black to sandstone.

a six CD autochanger.

Optional upgrades for the true either the magnificent Linn 260W system with Limbik 5.1 or the supreme Linn 950W system with Dolby Pro Logic II.

Standard features include satellite navigation, reversing sensors, bluetooth telephone preparation, cruise control, powerfold mirrors, tyre pressure monitoring and heated front seats.

Further options are available and include diamond turned designers, who have scoured DB9 is equipped with a Linn alloy wheels, personalised sill 128W audio system including plaques, heated front screen and a bright finish grille.



ENGINEERED QUALITY TECHNICAL INNOVATION TESTED METICULOUSLY

DB9 is the most thoroughly tested and engineered car in Aston Martin's history. It is also one of the most technically sophisticated cars in the world.

The long list of design and engineering innovations includes the organic electroluminescent displays (OEL) in the instrument pack and centre console.

These provide higher resolution, and improved clarity, compared with conventional electronic displays.

Other innovations include LED (light-emitting diode) rear lamps that project rays more evenly than other LED systems. They also react more quickly, giving earlier warning to following drivers when braking.

A 'work load monitor' temporarily cancels low-importance warning information during spirited driving so as not to distract the driver.

The propellor shaft is particularly innovative: it is manufactured from carbon fibre for lightness and improved transmission refinement.

A stunning DB9 design feature is the 'swan-wing' doors, which open out and through a reflector, dispensing up, improving access and reducing the danger of the doors scuffing on high kerbs.

> DB9 also pioneers the use of 'ultrasonic' welding, which is 90 per cent stronger than conventional spot welding, and results in a better finish, yet uses only 5 per cent of the energy.

DB9 prototypes were tested in locations as diverse as Nardo in Italy, Death Valley in the USA, and inside the Arctic Circle in Sweden. In all, more than one million testing miles were covered.

SAFETY & SECURITY **REASSURANCE IN AN UNPREDICTABLE WORLD**

DB9 offers class-leading safety. Its structure is designed to provide a supremely robust passenger cell that cocoons its occupants who are further protected by extruded aluminium crumple zones front and rear.

Dual-stage driver and passenger airbags, seatmounted side airbags and seat-belt pre-tensioners offer further protection. In the Volante, rear roll-over hoops are automatically deployed, when required, from the rear headrests.

DB9's active safety the ability to help avoid an accident occurring in the first place - begins with its inherent agility and responsiveness. The light weight, rigid body structure and superbly tuned suspension and steering are further aided by a host of advanced electronics. These include Dynamic Stability Control (DSC) and the latest-generation ABS brakes which, should the system detect loss of grip, combine to help keep the car safety technologies, beststable and balanced.

Electronic Brakeforce Distribution (EBD) and Emergency Brake Assist (EBA) are also employed. EBD balances the front-torear braking bias, to give optimal braking performance. In an emergency, EBA sensors detect when maximum braking is required and automatically apply the appropriate force.

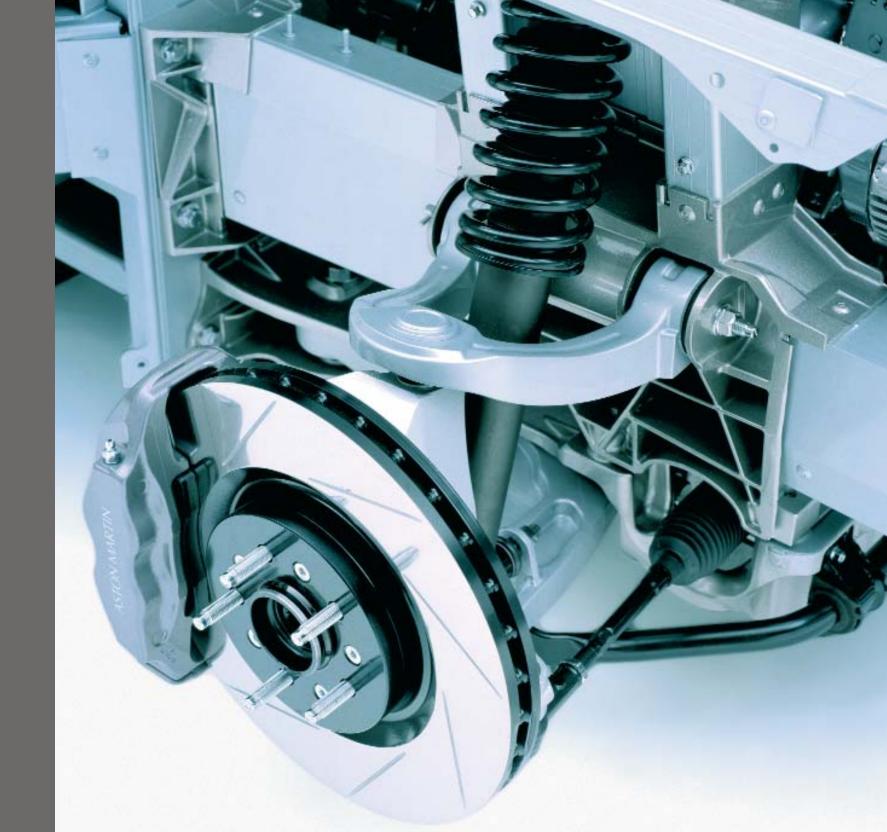
Although engineering development is carried out exclusively at Aston Martin, whenever appropriate solutions and expertise existed outside the company, facilities in the world for all that's where Aston Martin's engineers turned.

For instance, Volvo in Sweden is recognised as the aluminium bonded body world leader in automotive safety engineering. All the safety systems used in DB9 have been designed and tested using Volvo's latest practice design guidelines aided engineering.

All crash and safety testing was conducted at Volvo's world-renowned safety centre in Sweden, which has probably the best aspects of safety engineering and crash-test analysis.

Again, the enormously strong structure provided a superb basis for class-leading safety.

DB9 is equipped with an Integrated Passive Anti Theft System (PATS). This system uses a rolling code electronic ignition key, preventing unauthorised engine start-up. The system also includes the very latest design in vehicle alarm systems, featuring perimetric sensors and double locking for doors.







DB9 is the first Aston Martin to be produced at the company's new world headquarters in Gaydon, in historic Warwickshire. Gaydon is a dedicated, high-technology facility where DB9 is hand-built at a series of work stations by technicians and craftsmen.

This hand-craftsmanship has nothing to do with nostalgia.

Hand-craftsmanship can deliver superior finishes and unique design details. It can also deliver engineering and design solutions for an exclusive sports car that mass production would find impossible.

The 'single cut' headlamp apertures in the front wings remove the need for unsightly cut or join lines and can only be achieved using Aston Martin's handbuild processes.

Hand-painting and handfinishing deliver a better paint finish than any mechanised process, and each DB9 benefits from 25 man-hours of painting, to ensure a perfect finish.

Customer visits are welcome and form an important part of the unique Aston Martin buying experience.



A DISTINGUISERITAGE ALMOST 90 YEARS OF HAND-CRAFTING BEAUTIFUL & EXCLUSIVE SPORTS CARS

Aston Martin is one of the world's most distinguished sports car manufacturers. It has produced exclusive, hand-crafted sports cars for almost 90 years. In that time, only 25,000 Aston Martins have been built and more than 80 per cent are still in use, cherished, driven and raced by enthusiastic owners helped define the long-term around the world.

The founders of the company, David Brown's period of Lionel Martin and Robert Bamford, had a clear vision: to create sports cars with a distinctive character; cars built to a high standard Sportscar Championship. that were exhilarating to drive and own; cars with power, beauty and soul. Those values remain.

In 1947. Aston Martin was acquired by industrialist David (later, Sir David) Brown, a DB5 supporting Sean and soon after launched the first in a series of new DB badged classics. These iconic company's DNA, as evident vehicles were among the most beautiful and desirable of all sports cars of the 1950s and 1960s, and future of the company.

win Le Mans in 1959, with the DBR1, and secure victory in that year's World

It also saw Aston Martin first appear on the big screen, Connery (aka James Bond). Racing remains firmly in the in 2005 with the company's return to international sportscar racing with a very special derivative - DBR9. In addition, many classic Aston Martins still regularly compete in events around the world and James Bond is ownership saw Aston Martin also back in an Aston Martin, most recently driving a Vanguish in 'Die Another Day'.

> The DB line continues, of course. DB7, launched in 1993, went on to be acclaimed as 'the most beautiful car in the world' and to become the most popular Aston Martin ever.

However, it now makes way for the most important car in Aston Martin history – DB9.



DB9 **SPECIFICATION**

BODY

- •Two door coupe or convertible body style with 2+2 seating
- Extruded aluminium bonded body structure
- Aluminium and composite body panels
- Extruded aluminium door side impact beams
- Xenon gas discharge projector headlamps (dipped beam)
- Halogen projector headlamps (main beam) with power wash
- ·LED rear lamps

ENGINE

- · All alloy, guad overhead camshaft, 48-valve, 5935cc 60° V12
- · Mid-front mounted. rear wheel drive
- Engine management system with Neural Net misfire detection system
- Fully catalysed stainless steel exhaust system with active by-pass valves

Compression ratio

Maximum power 335 kW (450 bhp) at 6000 rpm

Maximum torque

at 5000 rpm Acceleration

(manual) 0-60 mph in 4.7 seconds 0-100 km/h in 4.9 seconds

Acceleration (automatic)

0-60 mph in 4.9 seconds 0-100 km/h in 5.1 seconds

165 mph (265 km/h) (Volante)

Maximum speed 186 mph (300 km/h) (Coupe)

570 Nm (420 lb ft)

adjustment WHEELS & TYRES Lightweight aluminium

Front 8.5J x 19 **Rear** 9.5J x 19 Bridgestone tyres Front 235/40 ZR19 **Rear** 275/35 ZR19

TRANSMISSION

 Rear mid-mounted 'Touchtronic 2' six-speed gearbox with electronic shift-by-wire control system

 Rear mid-mounted six-speed manual gearbox Limited-slip differential

Final drive ratio

3.07:1 (auto) 3.54:1 (manual)

STEERING

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

alloy wheels

SUSPENSION

Front Independent double aluminium wishbones incorporating anti-dive geometry, coil over aluminium monotube dampers and anti-roll bar

Rear Independent double aluminium wishbones incorporating longitudinal control arms, coil over dampers and anti-roll bar

BRAKES

 Radial-mounted four-piston monobloc calipers

- Anti Lock Braking System (ABS)
- Electronic Brakeforce Distribution (EBD)
- Emergency Brake Assist (EBA)
- Dynamic Stability Control (DSC)
- Traction Control

Front Ventilated and grooved steel discs 355 mm diameter Rear Ventilated and grooved steel discs 330 mm diameter

INTERIOR

- •Full grain leather interior
- ·Walnut facia trim
- Driver and front passenger dual-stage air-bags
- Front occupant side air-bags OPTIONS
- Automatically deployed roll-over bars (Volante)
- •Ten-way electrically adjusted •Bamboo facia trim seats (including height,
- tilt and lumbar adjustment)
- ·Heated front seats
- · Heated rear screen
- Automatic temperature
- Organic electroluminescent (OEL) displays
- Cruise control
- Satellite navigation system^{▲+}
- · Bluetooth telephone
- Powerfold mirrors
- Reversing sensors
- Tyre pressure monitoring
- Alarm and immobiliser Remote-control central door
- locking and boot release
- ·Boot-mounted umbrella
- ·Battery disconnect switch
- Battery conditioner
- Tracker Horizon (UK only)

IN-CAR ENTERTAINMENT

Linn 128W system with radio and six CD autochanger

- Bright finish grille
- Mahogany facia trim
- Piano black facia trim

with Limbik 5.1

·Linn 950W system

with Dolby Pro Logic II

- Matching wood door trim ·Personalised sill plaques
- · Heated front screen
- Rear track · Alarm upgrade (tilt and
 - **Turning circle**
- ·Integrated GSM telephone
- 15-spoke diamond turned Fuel tank capacity 80 litres (17.6 lmp. galls.,
- alloy wheels
- 22.0 US galls.) First aid kit 95 RON unleaded fuel only ·Smokers' pack ·Linn 260W system
 - Cd (Coupe)

DIMENSIONS

Height (Coupe)

1760 kg (manual)

Front track

1800 kg (automatic)

Kerb weight (Coupe)

Lenath

Width

4710 mm

CO2 EMISSIONS* (automatic)

394 g/km (manual)

421 g/km

SMOG INDEX (North America)

FUEL CONSUMPTION* (automatic)

Litres/100 km (mpg) Extra Urban 11.7 (24.1)

Combined 16.5 (17.1)

(manual)

Litres/100 km (mpg) Urban 26.4 (10.7) Extra Urban 12.8 (22.1) Combined 17.8 (15.8)

GAS MILEAGE (North America)

(Coupe automatic) City 12 mpg

Highway 19 mpg

(Coupe manual) City 11 mpg

Highway 18 mpg (Volante automatic)

City 13 mpg Highway 18 mpg

(Volante manual) City 11 mpg Highway 18 mpg

- please consult your dealer for details
- + Includes Traffic Messaging Channel

'DB9 IS MORE THAN JUST A NEW CAR IT IS THE BEGINNING OF A NEW ERA FOR ASTON MARTIN'

Dr Ulrich Bez
Chairman and Chief Executive Officer, Aston Martin



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