



ASTON MARTIN

Vanquish



*The Spirit of Vanquish.
The Art of Aston Martin.*









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in a single Aston Martin
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Power, Beauty and Soul. The new Aston Martin Vanquish is everything we know expressed in one exceptional car. A masterful blend of art, technology, craftsmanship and pure adrenalin, Vanquish is the flagship of a superlative Aston Martin range. With all Carbon-fibre bodywork sculpted to aesthetic and aerodynamic perfection and a V12 engine of greater potency and efficiency, Vanquish defines a new breed of Super Grand Tourer.

“Creating a new Aston Martin flagship – especially one that marks the start of our second centenary – is a unique opportunity. I believe the best way to honour our past is to celebrate our future. With its bold new design language and intelligent use of pioneering technology, Vanquish is emphatically modern, yet unmistakably Aston Martin.”

- Dr Ulrich Bez, Chief Executive Officer



The maker of exceptional high performance cars since 1913, Aston Martin is one of the world's most iconic automotive brands. Independent in spirit and ownership, we remain resolute and true to the ethos of creating cars that embrace advanced engineering, yet exude understated elegance. Exemplified by craftsmanship of the highest quality and endowed with rousing performance, we have consistently

produced cars with luxurious, continent-crossing capabilities and a warmth of character that is impossible to resist. Vanquish is a symbol of our commitment to embracing change and innovation while respecting those qualities that make an Aston Martin so very special. As such it is the perfect flagship for the strongest model range in our rich history, and the ultimate expression of Power, Beauty and Soul.



*Past, present and future in
a single Aston Martin*



The result of 100 years' experience

A century in the making, Vanquish is the continuation of an illustrious bloodline that has produced some of the fastest, finest and most exciting road and racing cars ever made. This continuity of design and spirit is an unbroken strand of DNA that links our past, present and future.

So, whether conceived to win the 24-hours of Le Mans or create a scintillating new genre of road-going GTs, an Aston Martin is always a compelling mix of craftsmanship, charisma and world-beating capability.



1956 Aston Martin DBR1

The most famous Aston Martin race car of all-time, the DBR1 was built to compete in the World Sportscar Championship against the likes of Ferrari. A triumphant 1959 season saw the DBR1 score numerous wins, none greater than its historic outright victory in the 24 hours of Le Mans.

2012 Aston Martin Vanquish

Increased performance and efficiency, thrilling dynamism and cossetting luxury are core qualities of the new Vanquish. Powered by the latest evolution of our legendary V12 engine, clothed in Carbon-fibre bodywork, equipped with advanced infotainment systems and endowed with much-increased occupant and luggage space, Vanquish reinvents the Super GT genre.

“Vanquish is a bold and original blueprint for the next generation of Aston Martin. An impeccable Super GT exuding timeless modernity, it is the definition of a 21st century Super GT.”

- Marek Reichman, Design Director



Marek

Taking the Aston Martin ethos of understated elegance and evolving it to express a greater sense of dynamism, Vanquish takes direct influences from the extraordinary One-77 supercar. Sheer surfaces and harder lines give it a lithe, tightly tailored appearance. Cloaked in a suit of Carbon-fibre, its muscled body has an aura of intense athleticism.

The nose is defined by the latest evolution of the iconic Aston Martin grille aperture, which draws the eye downwards to the stylish yet wholly functional Carbon-fibre front splitter. Shared DNA with the One-77 can also be seen in the tight waistline and extended side strakes, which combine to accentuate the deeply sculpted curves of the front wheel arches and rear haunches. The exposed Carbon-fibre sill compliments the front splitter and hints at the exotic material that lies beneath the flawless paintwork.

Proof that aerodynamic function and aesthetic form go hand-in-hand is ably demonstrated by the rear ‘aero duct’ bootlid. Not only does this seamless one-piece panel exploit the airflow to terrific effect, it integrates perfectly with the spectacular LED light blade rear lamp – which mimics the shape of the Aston Martin ‘wings’ logo – and the full-width Carbon-fibre rear diffuser, completing a truly original and distinctive design.



*Inside as outside, Vanquish breaks new
stylistic and technological ground*

Once again the One-77 supercar has provided welcome inspiration, giving rise to the central 'waterfall' design centre console. This flowing, elegant design houses all the major controls for the ventilation and latest generation infotainment systems. It also incorporates touch-sensitive capacitive switches, which give haptic feedback – a gentle vibration – through the smooth glass surface.

All the materials used in the interior are authentic, and used in such a way as to deliver a supremely tactile experience. Personalisation has been elevated to a whole new level, including a choice of leather and quilting options and centre stack finishes. With greater space for occupants and luggage and fully integrated navigation, Bang & Olufsen audio and latest generation AMi Infotainment systems, Vanquish is the ultimate long distance partner.





*Nothing is more complex
than achieving simplicity*

Creating the smooth, sculpted curves that define Vanquish requires a meticulous approach and a dedication to the smallest detail. Every line is agonised over, every shutline scrutinised to ensure it enhances the visual flow. Contours are caressed to catch the light, radii sharpened to increase visual impact. It is a work of art.

Obsessive pursuit of the perfect form is what drives the Aston Martin design team. The desire to develop new and exciting design themes is tempered by the need for stylistic continuity and restraint. That is why Vanquish embodies potency and extreme performance, yet avoids exaggeration and excess. Purposeful and assured, it is the ultimate GT.



Sculpted strength
Sinuous curves

The true essence of power and athleticism





Cloaked in a suit of carbon

Vanquish is the first Aston Martin to use Carbon-fibre for all its body panels. Boasting an exceptionally high strength-to-weight ratio, this advanced material reduces mass and increases structural rigidity. Most significantly it has enabled the design team to realise amplified, muscular forms that would otherwise be impossible to produce in conventional materials such as steel or aluminium.

Another advantage of Carbon-fibre is the ability to make large, single-piece panels with large amounts of form depth, which means fewer individual panels are required to clothe Vanquish. A welcome benefit of this is a reduction in the number of shutlines and panel gaps for a clean, unbroken visual flow. Where the Carbon-fibre is left exposed, clever manufacturing of the panel ensures the direction of the weave always compliments the shape of the car.

True luxury

A sumptuous world of comfort and indulgence

Designed to cosset you in unrivalled comfort and crafted from the finest natural materials, Vanquish offers a uniquely opulent driving environment. Striking a perfect balance between intimacy and spaciousness, the cockpit makes you feel completely connected and at one with the car, yet so comfortable you'll want to drive all day. Supple leather, cool metal and smooth glass provide delightful visual and tactile contrasts, while the exceptional quality of materials

and craftsmanship is evident in everything you see and touch. A particular highlight is the leather upholstery, which has incredible amounts of time and skill lavished upon it. The seats are supplied by Bridge of Weir and are available in Luxmill or optional Semi-Aniline finish. They feature complex welts while contrast stitching, intricate hourglass quilting and a near-limitless choice of further personalisation options are available. The result is an interior ambience that is second to none.





Inner space

More room for greater comfort

Packaging is one of the great challenges of car design and engineering, for it is the art of conjuring space when there appears to be none to spare. When creating Vanquish, our engineers succeeded in creating more space without significantly increasing the external dimensions of the car. They did so by moving elements of the interior away from the occupants.

The dash panel and the brake and accelerator pedals have been moved forward, while the rearward travel of the front seats was extended to further increase legroom. Big gains in head, knee, elbow and shoulder room have also been made, ensuring Vanquish fulfils its super GT brief by offering its occupants a more spacious environment to enjoy.

Designed to be driven

A peerless GT that is designed to be driven

We know you'll want to drive your Vanquish, which is why we've made it as practical as it is potent. In addition to the greatly increased space for you and your passenger, we've ensured there is equally generous space for your luggage. Thanks in part to the Carbon-fibre construction of the rear body structure, boot space has been increased by 60% over the DBS.

That means it is big enough to house a full-size golf bag, two overnight bags and a pair of suit carriers; more than enough for the perfect long weekend. We've also provided plenty of room to securely stash the flotsam and jetsam of modern life, with stowage areas in door pockets, dashboard and seat pouches.



“Vanquish is the culmination of everything we know from a design and engineering perspective. With greater potency, agility, efficiency and luxury, we’ve created a purebred sporting GT that’s worthy of its iconic name.”

- Ian Minards, Director of Product Development

Ian



In the process of engineering Vanquish, every single aspect has been carefully considered, improved and evolved. As a result, some 75% of the car is new. At its core is the latest iteration of our acclaimed bonded aluminium VH architecture. The heavily re-engineered body structure is constructed using extruded, sheet and cast aluminium components, together with Carbon-fibre which has been used for the first time in the moulded rear boot area. As a result, it achieves significant improvements in torsional stiffness, occupant and

boot space (+60% compared with DBS) and exceeds all legislative crash requirements.

We have also embraced the use of Carbon-fibre in the chassis structure itself and throughout the bodywork (excluding bumpers), which is now 100% Carbon-fibre. This light and immensely strong material can be sculpted in ways that would be impossible in traditional steel or aluminium, and this has liberated the design team to create the tight, muscular forms that make Vanquish so distinctive.

The use of new alloy technologies alongside Carbon-fibre mouldings and magnesium castings has significantly improved weight distribution to improve vehicle dynamics. Together with similarly comprehensive improvements to the drivetrain – most significantly the extensively re-designed 6.0 litre V12 engine – Vanquish is the dawn of a new era for all future Aston Martins.



Hidden intelligence

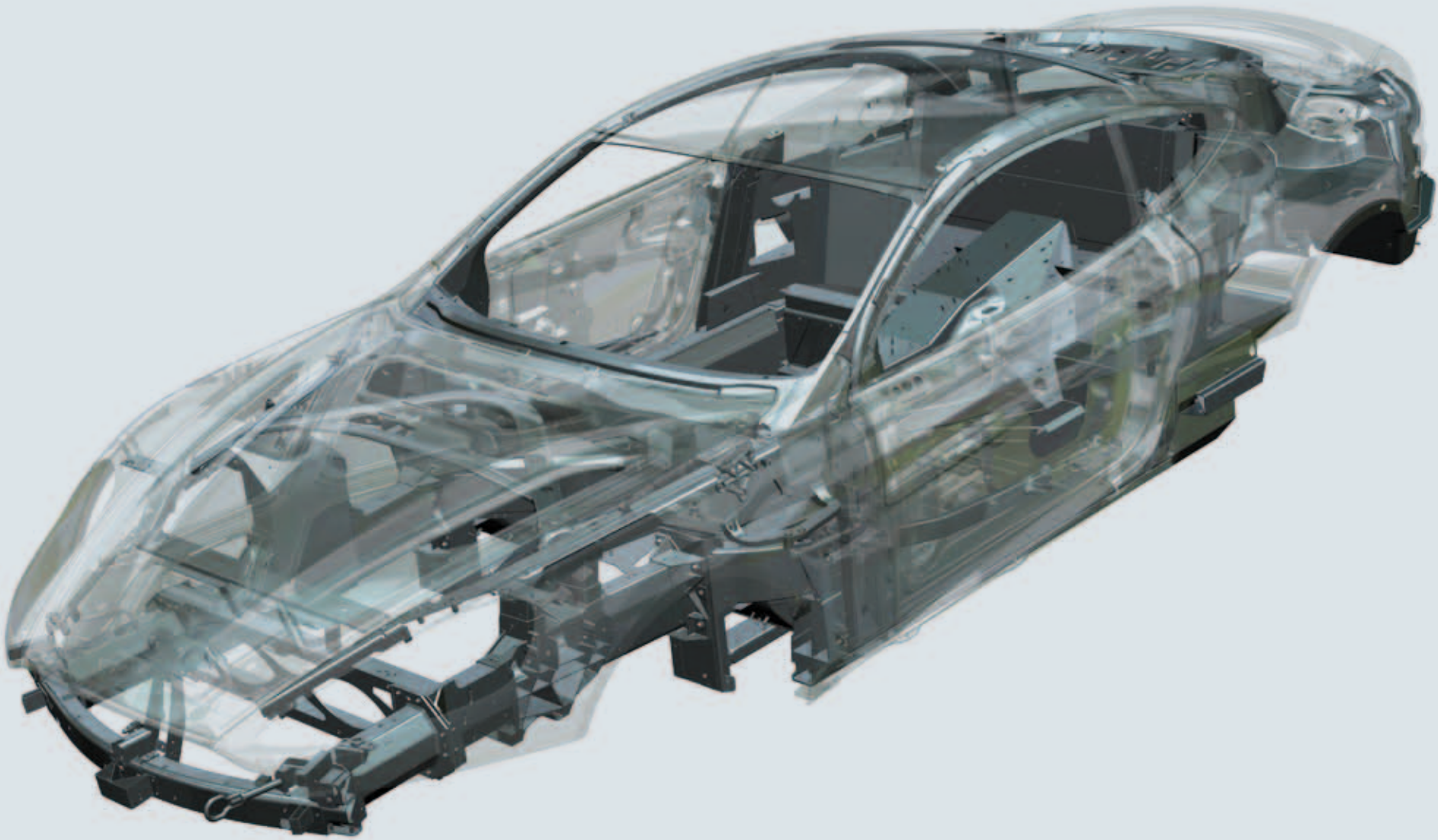
Beneath Vanquish’s rakish and muscular skin is a super-strong, super-stiff skeleton of bonded aluminium. In order for it to deliver the appropriate level of performance, refinement and dynamism expected of a flagship Aston Martin, this structure – known as the VH architecture – has been subject to a comprehensive programme of re-engineering. To this end, every area of the structure has been examined and evolved.

The primary objective has been to increase the torsional stiffness of the VH body structure, as improvements here yield tangible gains in ride, handling, refinement and safety. Our extensive knowledge and experience of working with bonded aluminium structures has enabled us to use a mix of

extruded, sheet and cast aluminium components to achieve an increase in torsional stiffness of some 25%, while also making weight savings, improving the weight distribution and lowering the centre of gravity to aid handling and driver feel.

Further gains in space have been made for vehicle occupants, thanks to revisions to the footwell area of the VH aluminium tub. The pedals have been moved forwards to create more foot room, while the central transmission tunnel has been narrowed to make more space for your knees. Head and shoulder room has also increased and the front seats now have extended rearward travel to further increase legroom. Together these gains make Vanquish the most comfortable and accommodating Aston Martin ever.

It is also the safest, thanks to a suite of passive and active safety systems designed to help you avoid an incident, but provide the utmost protection should the worst happen. The poise, balance and predictability of Aston Martin’s front-mid-engined layout makes Vanquish inherently safe. However, sophisticated ABS, traction and dynamic stability control systems provide an active electronic safety net should driving conditions or circumstance mean control of the car is compromised. In the unlikely event of an accident, new curtain side head airbags, dual-stage front airbags, dual seatbelt pre-tensioners, digressive load limiters and two pelvis and thorax seat-mounted airbags will activate in milliseconds to cushion occupants.



Optimised Mass Distribution

Mass has been lowered and centralised within the wheelbase to improve vehicle dynamics; to this end the engine has been mounted to a new front subframe, enabling it to sit 19mm lower in the chassis.

The use of Carbon-fibre in the boot area structure and the 10kg weight reduction of the exhaust muffler have minimised mass behind the rear axle thereby enhancing handling and agility.

Stiffer

Torsional stiffness – the body structure’s resistance to twisting forces – has been increased by more than 25% thanks to advances in alloy technology, all-carbon body panels and a new front suspension strut and body brace.

More responsive

This stiffer structure provides a more solid platform for the suspension, which in turn makes the car more responsive and communicative. The steering has less interference and has intensified feedback for more communicative and consistent handling.

Safer

Like all Aston Martins, Vanquish is inherently safe thanks to its predictable handling and strong bonded aluminium structure. Active safety systems such as powerful ABS brakes and sophisticated traction and stability control systems help you avoid incidents.

However, should an accident be unavoidable, Vanquish features new curtain side head airbags, dual-stage front airbags and seat belt dual pre-tensioners, together with pelvis and thorax seat-mounted airbags for maximum all-round occupant protection.

Command and control



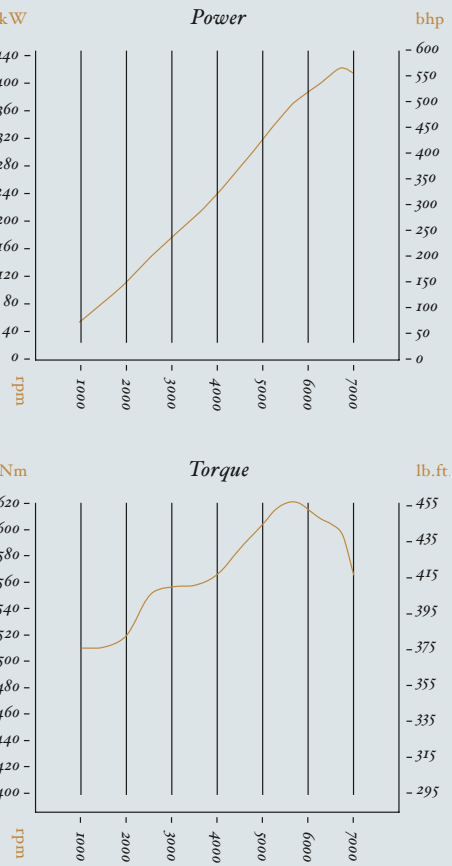
Command...

At its heart Vanquish features a virtually all-new version of the legendary Aston Martin 6.0 litre V12 engine. Adopting technology first applied in the One-77 supercar's incredible 7.3 litre V12, the new Vanquish 6.0 litre produces more power and torque than its previous incarnations whilst improving fuel economy and reducing emissions. All the major engine components are new, including cylinder block and cylinder heads, crankshaft, camshafts, pistons, valves, valve springs, inlet manifolds and throttle bodies. Dual variable valve timing and knock sensing have also been introduced; the latter continually adjusts the combustion process to extract as much energy from the fuel as possible.

The results are 573 PS (565bhp) at 6750rpm and 620Nm (457lb ft) at 5500rpm, which equates to gains of approximately 10% compared to the DBS engine. More impressive than the raw figures is the way in which this incredible engine delivers its performance. Rather than chase headline outputs, it is our belief that accessible performance is what really counts.

That is why the majority of the increase in torque over the previous engine is available from tickover to redline, expanding Vanquish's performance envelope.

In keeping with Vanquish's Super GT nature, its V12 engine is mated to a mid-rear-mounted fully automatic Touchtronic 2 six-speed transmission. By mounting most of the engine behind the line of the front axle, and the transmission ahead of the rear axle, a near-perfect weight distribution has been achieved. The Touchtronic 2 gearbox is also lighter than other transmission types such as a dual-clutch gearbox, and it's multi-faceted character suits the Vanquish perfectly. There is no manual transmission option, but purists will appreciate the bespoke gearshift strategies developed for Touchtronic 2's application in Vanquish. When being used in fully-automatic mode, the shifts have been calibrated for maximum refinement. Sport mode delivers smooth, near-instant changes, and for maximum control and engagement you can use the shift paddles. There is also a special Launch Control mode, which gives you consistent, repeatable access to Vanquish's prodigious standing start acceleration.



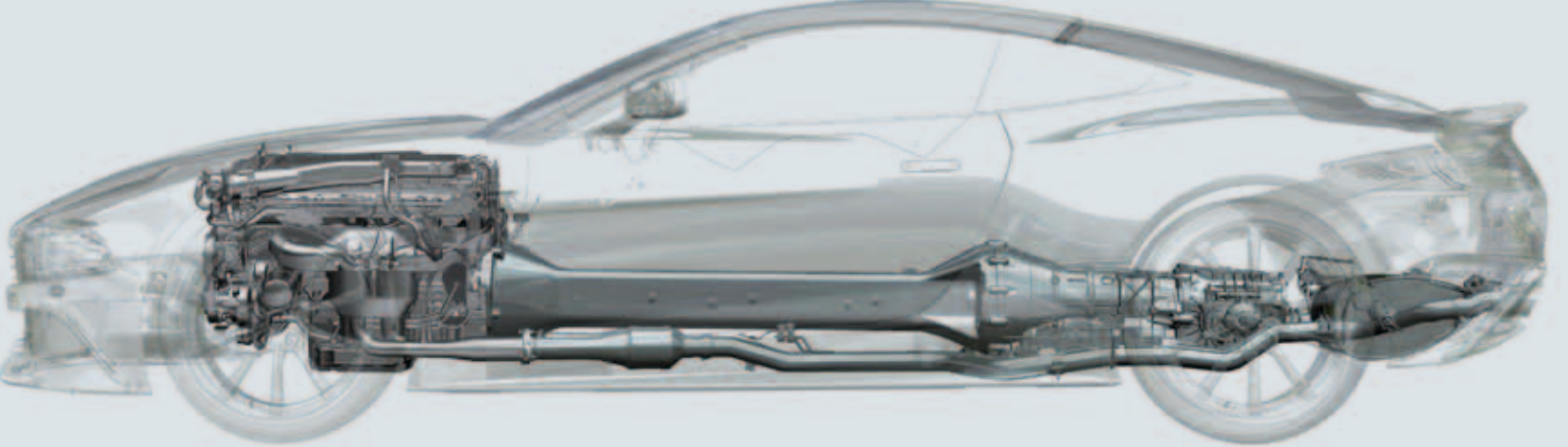
Engine

- Alloy, quad overhead camshaft, 48-valve, 5935 cc V12
- Front mid-mounted engine, rear-wheel drive
- Fully catalysed stainless steel exhaust system with active bypass valves
- Compression ratio 11:1
- Max power 421 kW (565 bhp/573 PS) at 6750 rpm
- Max torque 620 Nm (457 lb ft) at 5500 rpm
- Acceleration – 0-62 mph (0-100 km/h) in 4.1 seconds
- Max speed 183 mph (295 km/h)

Transmission

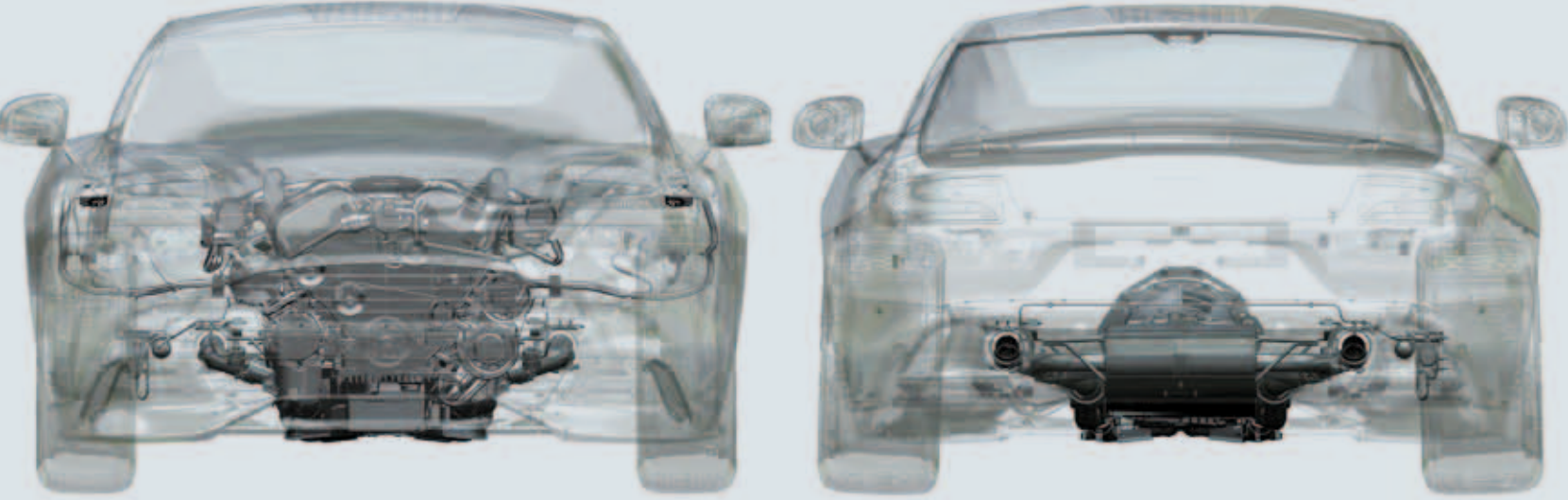
- Rear mid-mounted, 'Touchtronic 2' six speed automatic gearbox with electronic shift-by-wire control system
- Alloy torque tube with carbon-fibre propeller shaft
- Limited-slip differential
- Final drive ratio 3.46:1

See specification at rear of brochure



51%

49%



...and Control

The underlying philosophy behind Vanquish is about striking the perfect balance in all things. That is why the chassis has been engineered to increase the sense of dynamism, connection and agility while simultaneously improving ride quality and refinement. With a stronger and more rigid structure to work with, Aston Martin's chassis engineers have released the new VH architecture's built-in potential by making significant changes to suspension hardware. Control arms, knuckles, ball joints and bushes have all been revised to bring tighter control, and the springs, dampers and anti-roll bars have all been tuned to deliver a broad range of ride and handling characteristics.

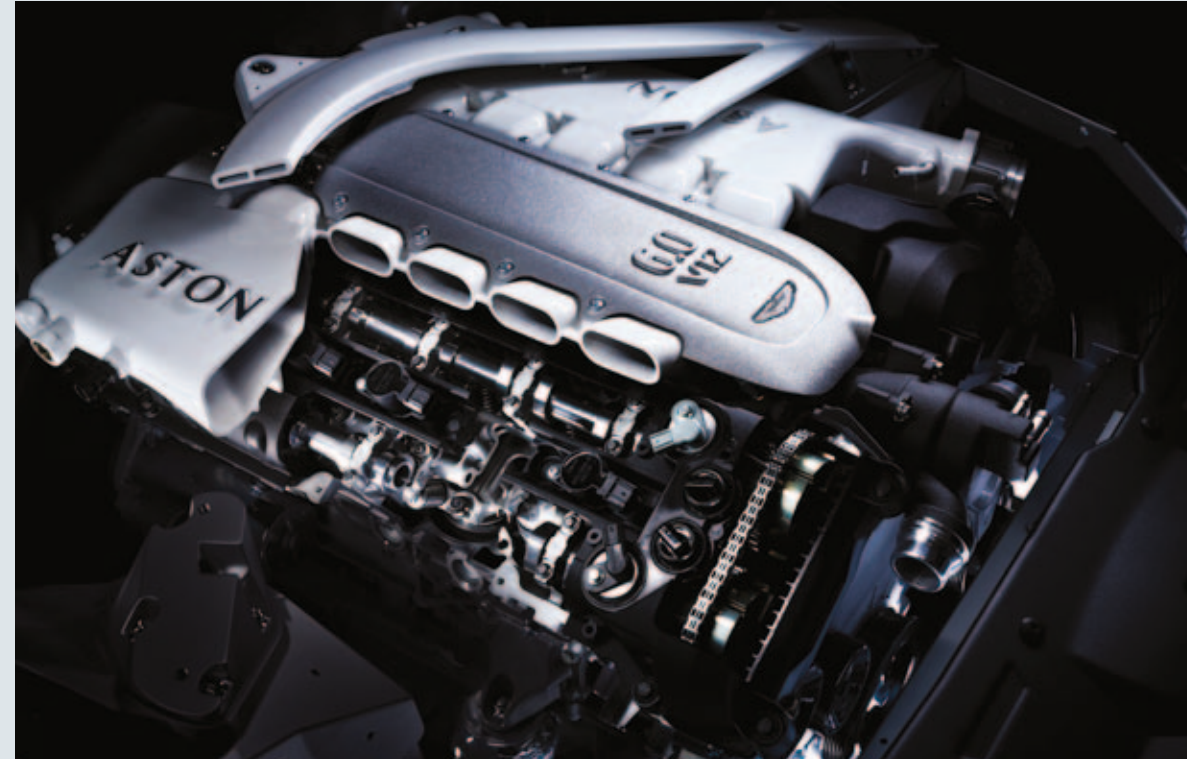
To achieve this, Vanquish features Aston Martin's Adaptive Damping System (ADS). This uses electronically controlled dampers, which can be run in a choice of three different modes: Normal, Sport and Track. 'Normal' mode is tuned to be the most supple, automatically adjusting the level of damping according to your driving style, speed and road surface quality. 'Sport' mode brings a feeling of tighter control, with sharper responses and a more handling-biased ride quality. As its name suggests, 'Track' mode switches the dampers to their firmest settings for maximum body control and agility when enjoying Vanquish on a race circuit.

Perfectly integrated with ADS is a 3-stage Dynamic Stability Control (DSC). Once again you have a choice of Normal, Sport and Track modes, each offering progressively higher intervention thresholds that allow you to work closer to the ultimate limits of the car. When the system detects a loss of traction at the front or rear it subtly reduces engine torque and lightly applies individual brakes to help regain

traction. The system has been tuned to ensure a natural feel and avoid abrupt intervention from the electronics.

Considerable attention has also been paid to the wheels and tyres fitted to Vanquish. Measuring 20" in diameter and with a choice of standard 10-spoke and lighter (optional) forged 20-spoke designs, the wheels are shod with Pirelli P Zero tyres engineered and developed specifically for Aston Martin. Designed to deliver strong road-holding and progressive handling characteristics, these tyres also have a lower rolling resistance for improved fuel economy and reduced exhaust emissions.

No matter how powerful its engine, a high performance car is only as fast as its brakes. To ensure it stops as hard as it charges, Vanquish is fitted with 3rd Generation Brembo Carbon Ceramic Matrix (CCM) disc brakes. Measuring 398x36 mm the front brakes are gripped by 6-piston calipers and larger brake pads, which were originally developed for the One-77 supercar. The rear discs are 360x32mm discs and have 4-piston calipers. Superior to conventional cast-iron brakes in all respects, these ceramic brakes offer increased ultimate stopping power, greater resistance to fade, better durability and less 'brushing' noise than earlier generations of CCM. They are also considerably lighter – around 12.5kg – than the equivalent cast-iron brakes. Not only does this reduce overall kerbweight, it also improves wheel control and ride comfort thanks to a reduction in unsprung mass. Other benefits include more immediate steering and braking performance thanks to a lessening of the gyroscopic and flywheel effect of a heavy discs spinning at high speed.





Altitude testing

Put to the test



Cold weather testing



Nürburgring Test Centre

Like every car designed and built at Gaydon, Vanquish has been subjected to a gruelling test and development programme. Conducted by a dedicated team of Aston Martin engineers and technicians, this exhaustive regime is designed to ensure the highest levels of performance, reliability and resilience, often in the most extreme driving conditions. One of the most painstaking phases is cold weather testing in Arvidsjaur, northern Sweden, where the traction and stability control systems are tuned. Formidable weapons in Vanquish's armoury of active safety systems, these sophisticated electronic safeguards are programmed and refined at a special test facility on a frozen lake, then verified in real life conditions on the open road. The same tests are then conducted in high-grip conditions at test tracks in southern Europe. As a result the systems are so finely tuned they can operate with incredible effectiveness and subtlety in all weather conditions.

Other key development phases include 5000km of durability and high speed testing at the Nardo Ring in the southern tip of Italy, and 10,000km of intensive limit handling testing at the Nürburgring Nordschleife in Germany. With a 21km (13 mile) lap comprising 73 corners and extreme changes of gradient, the 'Ring is regarded as the most demanding race circuit in the world. Evidence of Aston Martin's commitment to durability testing can be found in the purpose-built test centre located just a stone's throw from the Nürburgring's gates. Proof of its value can be found in the 100% finishing record and numerous class wins Aston Martin's road-legal prototypes have achieved in the Nürburgring 24-hour race since first entering this gruelling endurance race in 2006.



*A world of precision
and harmony*

A world of precision
and harmony

A vision of pure design and effortless style: a lesson in clarity and intuitive functionality. With Vanquish we took our signature interior design themes and evolved them using influences first seen in our One-77 supercar. In the process we also incorporated the new AMi (Aston Martin infotainment) system, which uses the very latest infotainment technology to create an uncluttered driving environment that is a joy to use.

As the driver, your primary interface with the car is the steering wheel. Whether you elect to keep the standard item or to take the optional One-77 steering wheel, you will note that both have buttons controlling settings for the adaptive damping and sports mode for the driveline. We have added these buttons so you can easily adjust vehicle settings without having to remove your hands from the steering wheel. Behind it are the manual control gearshift paddles for the Touchtronic 2 six-speed

gearbox. As standard these are made from magnesium, painted black and tipped with leather, but can also have them in Carbon-fibre for a satisfying tactile and visual reminder of the high tech material used in Vanquish's construction.

Within the car your main focal point is the Driver Information Module (DIM). Retaining Aston Martin's classic chronograph-watch inspired design, the DIM contains all the primary instruments including speedometer, tachometer plus the fuel and engine water temperature gauges. The dials now wear a more contemporary typeface to reflect Vanquish's sharper and more dynamic styling. Set within the main analogue dials are two digital displays. One permanently displays a digital speedo reading for at-a-glance convenience, while the other features the remaining fuel range and the odometer reading.

See



With its immaculately sculpted bodywork, lustrous paintwork, carefully chosen materials, chronograph-inspired instrument faces and jewel-like exterior and interior detailing, Vanquish is a visual feast.

Hear



Whether you're listening to the unmistakable cry from its 6.0 litre, 565bhp V12 engine or the crystal clear perfection of its bespoke 1000-watt, 13-speaker Bang and Olufsen audio system, Vanquish is music to your ears.

Touch



From the sumptuous embrace of the softest hand-crafted leather and the fingertip pulse of our hi-tech 'haptic' switches, to the confidence-inspiring steering feel that connects you to the road, Vanquish is a tactile delight.

A world of precision and harmony

Gracefully bisecting the cockpit is the elegantly curvaceous centre stack. One of the most distinctive elements of the interior it is the nerve centre of Vanquish, with a large pop-up display screen, along with controls for the transmission, climate control and infotainment systems. Some elements, such as the docking station for the ‘ECU’ (Emotional Control Unit) glass starter module and glass ‘PRND’ gear selection buttons, are familiar features common to other, not all Aston Martin models. However for Vanquish, these elements are incorporated into the new fascia panel, which flows down the whole length of the centre stack. The substrate behind this fascia is manufactured from a single piece of aluminium, providing a solid mounting for all of the centre stack switches and fascia sections for a supreme sense of quality and solidity.

AMi (Aston Martin infotainment) and the climate control systems are controlled using new touch-sensitive switches. Taking inspiration from the latest smart phones and tablet devices, these capacitive switches are a tactile and technological triumph,

giving ‘haptic feedback’ by delivering a subtle vibration through the glass surface of the switch to provide sensory confirmation that the system recognises your instruction. These haptic switches are supplemented by a new joystick, which now includes rotary control as well as up/down/left/right, ensuring precise control and easy input of instructions to AMi.

AMi incorporates the latest generation technology, and features a more logical and intuitive menu structure for simple operation. All the infotainment and vehicle systems are integrated, with information viewed on a single 6.5” LCD screen embedded into the centre stack. The system’s rich graphics and smooth animation make it a pleasure to view and use.

We’re particularly proud of the Bang and Olufsen sound system and its audio equalisation, which has been developed especially for Vanquish by B&O’s highly specialist tonmeisters, who are experts in shaping the delivery and quality of the sounds you hear.

With 1000-watts of amplification and an array of 13 perfectly positioned speakers, the sound quality is sensational, delivering an immersive listening experience that will bring your favourite music to life as never before. Route guidance comes courtesy of the latest Garmin Satellite Navigation technology*, while Bluetooth audio and phone streaming allows your portable devices to be controlled through the infotainment system. It is also possible to create a Wi-Fi hub within Vanquish by connecting a 3G dongle through one of the infotainment system’s three USB points. Once connected, passengers can use Wi-Fi enabled devices on the move.

In addition to standard front and rear parking sensors, Vanquish can be fitted with a reversing camera as an option*. The centre console LCD screen automatically displays the camera view, adding guidance lines and a projected trajectory based on steering angles to aid you when reversing into awkward or unsighted spaces.



Haptic feedback

Touch-sensitive glass switches control AMi and climate control systems. Just like touchscreen mobile devices, such as mobile phones, these capacitive switches

give ‘haptic feedback’ – a slight vibration of the surface – to let you know the system has recognised your fingertip input and carried out your instruction.



Sound system by Bang & Olufsen

Vanquish features a 1000-watt audio system developed especially by B&O for Aston Martin. Tuned by B&O’s expert tonmeisters to suit the interior acoustics of

Vanquish, this bespoke sound system incorporates 13 perfectly positioned speakers to ensure the optimum audio experience. The system is compatible with

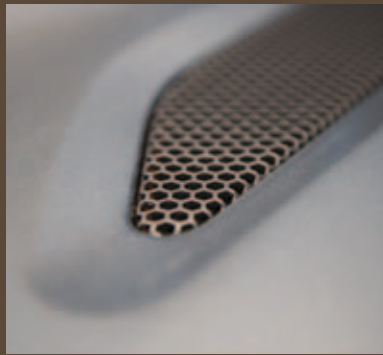
most portable devices for Bluetooth audio streaming and also has USB input.

*Market dependent



Undiminished passion

The heart of Aston Martin has always been its dedicated, highly skilled workforce. Driven by a shared pride in representing such a revered automotive brand and energised by a common determination to create the finest cars in the world, Aston Martin employs a diverse team comprising the brightest talents and most experienced hands in the business. Together this exceptional group combine advanced engineering knowledge, traditional craft skills and meticulous attention to detail.



Since the turn of the millennium Aston Martin has been based at its state-of-the-art headquarters in Gaydon, Warwickshire. A centre for design, production and administration, it is the perfect contemporary facility in which to create and build exceptional cars. From initial concept to final assembly, every current Aston Martin is built at Gaydon, from Cygnet city car to One-77 supercar. A true centre of excellence in every sense, Gaydon is a fitting home for an iconic company.

“When you become an Aston Martin owner, you acquire so much more than a fabulous car; you join a global family of passionate like-minded individuals, united by an appreciation of the inimitable style and inherent class that distinguishes an Aston Martin from any other car.”

- Michael Van Der Sande, Chief Commercial Officer



A stylized, handwritten signature in gold ink.

Aston Martin life

This passion is shared by all of us at Aston Martin and by our dealer network. We're proud of our heritage and of the fact that more than 85 per cent of all Aston Martins ever built are still in existence and being enjoyed by their owners.

Our expanding global network of dealerships – 145 and counting in 44 countries – provides an unmatched service for current and prospective Aston Martin owners. Staffed by the most knowledgeable

and highly-trained sales teams and technicians, our dealerships are on-hand to deliver the expertise, service and peace of mind you deserve at every stage of your Aston Martin ownership.

Above all, we want you to enjoy driving your car which is why we also host a fabulous range of Aston Martin driving experiences and events around the world. At these events, whether organised by your dealer or by Aston Martin, you'll drive your or our cars, meet like-

minded Aston Martin enthusiasts, and sample some of the finer things in life. So, whether you crave the adrenalin rush of driving as fast as you dare around one of the world's great race circuits, long for the more leisurely delights of our luxury tours through glorious landscapes, or are intrigued by the novelty of powering around a special course carved into the snow and ice of an alpine resort, you can be sure of one thing: Aston Martin ownership is an experience like no other.



Working with your dealership

With 145 dealerships in 44 countries around the world, Aston Martin has a global presence to match its reputation as maker of some of the world's most coveted and recognisable cars. All our showrooms and service centres reflect the prestige and exclusivity associated with the Aston Martin brand, ensuring your ownership experience begins as soon as you enter the showroom. Staffed by passionate, highly-trained salespeople and technicians, all your needs are catered for. From expert guidance through the specification and ordering process to the unique peace of mind that comes from having your cherished car meticulously maintained by skilled specialists, our dealerships are at your disposal.

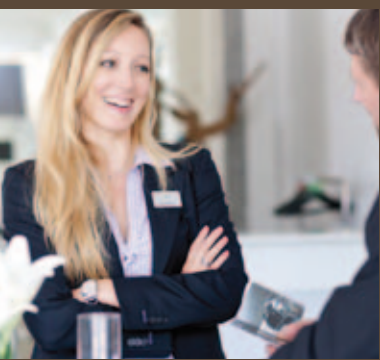
Aston martin is a name heralding emotionally engaging design, craftsmanship, innovation and attention to detail. One of the most valuable services our dealerships provide is helping you

create an Aston Martin that is a true reflection of your own taste and personality. With a wide choice of paint colours, from classic silvers, greys and bronzes to contemporary reds, blues, greens and yellows, your Vanquish can be as subtle or eye-catching as you wish. Whatever colour you choose, you can be sure of the finest paint quality in the industry, for each car is painted and polished by hand, receiving up to nine applications of paint and lacquer in a process that takes more than 50 man-hours. Time and care are also lavished on the interior. It takes at least 70 hours and seven hides to trim a Vanquish interior. The leather comes in a choice of finest Bridge of Weir Luxmil or optional Semi-Aniline finish with an incredible array of colours, and countless welt, stitching and embroidery options.

In addition to advising you on your colour and trim choices, our expert sales people

will explain our new bespoke service, Q by Aston Martin, which is the absolute pinnacle of personalisation. From a one-off design capturing your imagination to personalised interior detailing – on your new or current car – our expert Q by Aston Martin team is here to help guide you in the design, craft and hand finishing of your car to your precise requirements. They will take you through the available accessories and options, including luxury luggage and protective car covers, as well as inform you of the many exclusive Aston Martin customer driving events held around the world throughout the year. These range from trackdays at the legendary Nürburgring to luxurious cultural and culinary driving tours of some of the world's most appealing destinations.

To find out more, please enquire with your preferred Aston Martin dealer.



Bright or Black Options

*Elegant or assertive.
The choice is yours*

Grille



Bonnet Vents



Exhaust Tailpipes



Bright

If you desire a classic, elegant look for your Vanquish, the combination of standard Bright finish grille and Titanium or optional Magnum Silver bonnet and side strake meshes are beautifully understated.

Black

For a more assertive look, Vanquish is also available with a Black finish grille, which can be complimented by Black bonnet and side strake meshes. The standard chrome finish exhaust tips can also be specified with a Black crackle finish.

Carbon-fibre Options

Side Strakes



Side Mirrors

Our range of Carbon-fibre options enables you to make subtle clues or bold references to the hi-tech material from which Vanquish's bodywork is formed.

Roof



Door Handles

Wheel Options

10-Spoke



20-Spoke

Standard 20" 10-spoke alloy wheels

As standard, Vanquish is fitted with elegant 10-spoke alloy wheels, designed as a modern interpretation of the classic V12 Vanquish wheel. Finished in silver as standard, this wheel design is also available in an optional graphite finish.

Option 20" 20-spoke alloy wheels

Available as an option is a forged, lightweight 20-spoke alloy wheel design. The character of the wheel changes dramatically depending on the selected finish: diamond-turned accents emphasise the 'V' design on the graphite, gloss black, and satin black finishes, while the silver painted and liquid silver finishes offer a more understated appearance.

Designer’s Choice

Skyfall Silver
Contemporary classic

Timeless perfection with a modern twist



Exterior Carbon Features: Exposed Carbon-fibre roof panel, door mirror caps and side strakes
Front Grille: Bright vaned
Bonnet and Side Strake Mesh: Magnum Silver mesh finish
Wheel: 20-spoke with Graphite and diamond-turned finish
Brake Caliper: Red

Leather: Spicy Red
Stitch: Silver
Seat Accent: Obsidian Black quilted leather
Centre Stack Facia: Piano Black

Onyx Black
Monochrome masterpiece

Less is more for maximum menace



Exterior Carbon Features: Exposed Carbon-fibre roof panel, door mirror caps and side strakes
Front Grille: Black vaned
Bonnet and Side Strake Mesh: Black mesh finish
Wheel: 20-spoke with Satin Black and diamond-turned finish
Brake Caliper: Yellow

Leather: Obsidian Black
Stitch: Yellow
Seat Accent: Pure Black Alcantara
Centre Stack Facia: Carbon-fibre 2x2 Twill

Selene Bronze
Seductive luxury

Harmonious hues and subtle detailing



Front Grille: Bright vaned
Bonnet and Side Strake Mesh: Titanium mesh finish
Wheel: 20-spoke with Silver and diamond-turned finish
Brake Caliper: Black

Leather: Cream Truffle
Stitch: Ice Mocha
Seat Accent: Cream Truffle quilted leather
Centre Stack Facia: Piano Black

Volcano Red
Raw power

A vivid expression of dynamic prowess



Front Grille: Bright vaned
Bonnet and Side Strake Mesh: Magnum Silver mesh finish
Wheel: 20-spoke with Silver and diamond-turned finish
Brake Caliper: Black

Leather: Winter Wheat
Stitch: Chancellor Red
Seat Accent: Winter Wheat quilted leather
Centre Stack Facia: Carbon-fibre 2x2 Twill

Specifications

Body:

- Two door body style with tailgate and 2 sports seats
- Extruded bonded aluminium and Carbon-fibre VH body structure
- Carbon-fibre body panels
- Cast-magnesium door structures
- Single bi-xenon headlamps with integrated LED side lights and direction indicators
- LED light blade tail-lamps
- Exposed Carbon-fibre splitter, diffuser and sill blade

Engine:

- All alloy quad overhead cam 48-valve 5935cc V12
- Front mid-mounted engine, rear-wheel drive
- Fully catalysed stainless steel exhaust system with cross pipes
- Compression ratio 11:1
- Dual variable camshaft timing
- Knock-sensing
- Fully CNC machined combustion chambers
- 94bhp/litre at 6750 rpm
- Maximum power 421 kW (565 bhp / 573 PS) at 6750 rpm
- Maximum torque 620 Nm (457 lb ft) at 5500 rpm
- Acceleration 0-62 mph (0-100 km/h) in 4.1 seconds
- Maximum speed 183 mph (295 km/h)

European Fuel Economy Figures:

Urban 13.2 mpg / 21.4 l/100km
Extra urban 27.7 mpg / 10.2 l/100 km
Combined 19.6 mpg / 14.4 l/100 km
CO2 335 g/km

Transmission:

- Rear mid-mounted ‘Touchtronic 2’ six-speed automatic gearbox with electronic shift-by-wire control system
- Alloy torque tube with Carbon-fibre propeller shaft
- Limited-slip differential
- Final drive ratio 3.46:1
- Launch control

Steering:

- Steering rack with 15:1 steering ratio
- Speed-dependent rack and pinion power-assisted steering, 2.6 turns lock-to-lock
- Column tilt and reach adjustment

Suspension:

- Front independent double wishbone, coil springs, anti-roll bar and adaptive dampers
- Rear independent double wishbones, coil springs, anti-roll bar and adaptive dampers
- Adaptive Damping System (ADS) with normal, sport and track modes

Wheels and Tyres:

- 20” 10-spoke silver painted alloy wheels
- Front 9J x 20” Pirelli P-Zero 255/35 ZR20
- Rear 11.5J x 20” Pirelli P-Zero 305/30 ZR20

Brakes:

- Front ventilated CCM brake discs 398 mm diameter with six-piston calipers
- Rear ventilated CCM brake discs 360 mm diameter with four piston calipers
- Carbon-fibre brake cooling ducts
- Dynamic Stability Control (DSC)
- Anti-lock braking system (ABS)
- Electronic Brakeforce Distribution (EBD)
- Emergency Brake Assist (EBA)
- Traction Control (TC)
- Hydraulic Brake Assist (HBA)
- Positive Torque Control (PTC)

Length: 4692 mm (184.7”)
4728 mm (186”) (including number plate plinth)
Width: 1912 mm (75.2”) (excluding door mirrors)
2067 mm (81.3”) (including door mirrors)
Height: 1294 mm (50.9”)
Wheelbase: 2740 mm (107.9”)
Fuel tank capacity: 78 litres (17.2 Imp. Gal. /20.5 US Gal)
Weight: 1739 kg (3834lb)
Weight Distribution: 51%/49% (Front/Rear)

Standard Specification:

- Full-grain Luxmil leather interior
- Alcantara headlining
- Electrically operated front seats with side airbags
- Memory front seats and exterior mirrors (three memory positions)
- 2+0 seating configuration with flexible rear environment storage
- Satin chrome jewellery pack
- Powerfold exterior heated mirrors
- Front and rear parking sensors
- Cruise control
- Tyre pressure monitoring
- Alarm and immobiliser
- Remote-control central door locking and boot release
- Automatic temperature control
- Heated front seats
- Curtain side head airbags
- Dual stage driver and passenger front airbags
- Pelvis and thorax seat mounted airbags
- Seat belt dual-pretensioners and digressive load limiters
- Trip computer
- Tracking device (UK only)
- Laminated windscreen with clear noise-insulation layer
- Glass ECU
- Titanium bonnet and side strake meshes
- Bright aluminium front grille
- Chrome side strakes and tailpipe trim
- Heated rear screen
- Black gearshift paddles with colour keyed leather trim

In Car Entertainment:

- Infotainment system (AMi) with capacitive switching
- 1000W Bang & Olufsen BeoSound 13-speaker audio system
- Garmin satellite navigation system 2
- 6.5” LCD Screen
- iPod® and iPhone® integration and USB playback 4
- Satellite radio system (USA only)
- AM/FM radio 1
- A2DP Bluetooth® audio and phone streaming
- Wi-Fi Hub 5

Options:

- 10-spoke alloy wheel in a Graphite finish
- 20-spoke alloy wheel in a Liquid Silver, Silver finish with diamond-turning, Graphite finish with diamond-turning, Gloss Black with diamond-turning and Satin Black with diamond-turning finish.
- 2+2 seating configuration
- Black vaned grille
- Magnum Silver or Black Mesh finish
- Black textured tailpipe
- Black, blue, yellow and red calipers
- Exposed Carbon-fibre roof panel
- Exposed Carbon-fibre door mirror caps
- Exposed Carbon-fibre side strakes
- Exposed Carbon-fibre door handles
- Protective film
- Black Luxmil leather part Alcantara steering wheel
- Colour-keyed Luxmil leather steering wheel
- Black One-77 leather steering wheel with black Alacantra inserts

- Colour-keyed One-77 Leather Steering wheel with Obsidian Black leather inserts
- Centre stack facia in Carbon-fibre 2x2 Twill and Piano Black (Herringbone Carbon-fibre, Piano Red, and Piano Ice Mocha)
- Headrest embroidery – AM Wings
- Black hardware pack
- Full Carbon-fibre gearshift paddles
- Shadow bronze jewellery pack
- Personalised sill plaques
- Rear parking assist camera
- Auto-dimming mirror with garage door opener
- Heated and ventilated seats
- Smokers’ pack
- Second glass ECU
- Tracking device13
- Alarm upgrade (Volumetric and tilt sensors)
- Toolkit
- 6CD auto-changer
- First-aid kit

- 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
- 4 iPod® is a trademark of Apple Inc., registered in the US and other countries
- 5 Requires 3G USB dongle









Important Notice

Important Notice

The cars illustrated in this brochure may include additional options not featured in this brochure or that are only available at extra cost.

Updates

Aston Martin Lagonda Limited is constantly seeking ways to improve the specification, design and production of its cars and alterations take place continually. Whilst every effort is made to produce up-to-date literature about our evolving products, this brochure should not be regarded as a guide to any currently available products, options, accessories or specifications, nor does it constitute any offer for sale of any particular car, product, option, accessories and/or services or combination of the same.

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Performance results

Tyre choice may impact on performance results, fuel consumption, CO2 emissions, ride comfort and handling.

Published figures should be used attempted on public roads. No guarantee is given expressed 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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