



ASTON MARTIN

V12 Vantage S

EXTREME SPORTS

THE ART OF ASTON MARTIN



NATURAL BORN THRILLER

In a world increasingly constrained by convention, the V12 Vantage S is a magnificent maverick: the realisation of a compelling dream in which we endowed our compact, iconic sports car with epic V12 power. What began as a one-off concept and then overcame apparently impossible engineering challenges to reach production reality, has now made an exhilarating evolutionary step.

The V12 Vantage S has taken a scorching recipe and turned up the heat to become faster, sharper, more aggressive. Capable of 205 mph it is the fastest series production Aston Martin ever. Thanks to an exciting new powertrain that is unique in the Aston Martin range it is also the most driver-focussed.

By mating the most powerful derivative of our latest generation V12 engine to a new seven-speed Sportshift III Automated Sequential Manual (ASM) transmission, we have created a Vantage of unprecedented ferocity. Together with a new three-stage Adaptive Damping System (ADS), uprated Carbon Ceramic disc brakes, quicker-witted power steering with two-mode level of assistance and a Sport button that optimises the car's responses and behaviour for on-limit driving, the V12 Vantage S is an uncompromising masterpiece that's born to thrill.



THOROUGHbred SPORTS CAR WITH A RACER'S EDGE

The heart of the V12 Vantage S beats with the passion of a purebred racer. And with good reason, for when the original V12 Vantage was launched in 2009 Aston Martin entered a road registered example in the legendary Nürburgring 24-hour race. With few modifications, mandatory safety equipment and slick racing tyres, it scored an historic class victory and finished 21st overall from a starting grid of more than 200 purpose-built racing cars.

Since then the V12 Vantage has become the basis of Aston Martin Racing's formidable V12 Vantage GT3 racer; a car that is winning at the highest level in GT championships around the world.

Exploiting that enviable racing DNA to deliver a heart-pounding driving experience, the new V12 Vantage S fuses the poise, precision and control of a modern racer with the visceral rush and unfiltered tactility of a classic driver's car.

It also packs a greater visual punch thanks to a bold new Carbon-Fibre front grille, which has been honed to optimise the car's aerodynamic balance and increase cooling airflow to the engine. Optional lightweight forged alloy wheels reduce unsprung weight at each corner and further sharpen the looks, while striking paint and graphic options emphasise its extreme character and racing roots.



WITHERING FIREPOWER

There has never been an Aston Martin quite like the V12 Vantage S. In fact we are proud to say its top speed of 205 mph makes it the fastest series production model in our 100-year history. The key to this sensational uplift in performance is the unique combination of our latest generation 6.0-Litre V12 engine and seven-speed Sportshift III automated sequential manual (ASM) transmission.

Peak power and torque increase by 55 bhp and 20 Nm respectively, but performance is further boosted by a more generous spread of torque across a wider rev range. These gains – as much as 40 Nm at 2500 rpm – endow the V12 Vantage S with tremendous low and mid-range muscle. When coupled to the immediacy and perfectly spaced ratios of the paddle-shift gearbox it results in explosive acceleration – 0-60 mph takes just 3.7 sec – and an intoxicating sense of boundless power.

UNPRECEDENTED POWER

565

BHP

FASTEST SERIES PRODUCTION MODEL

205

MPH

TORQUE

620

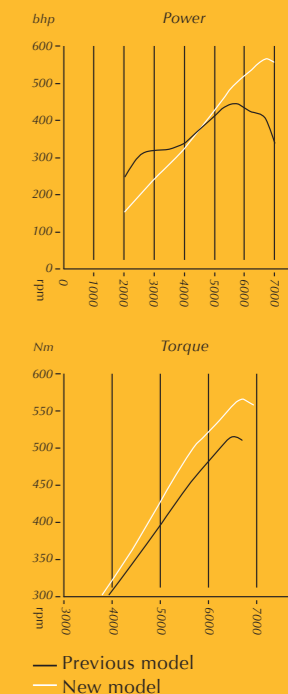
Nm

0-60 MPH

3.7

SECONDS

THE QUICKEST VANTAGE EVER

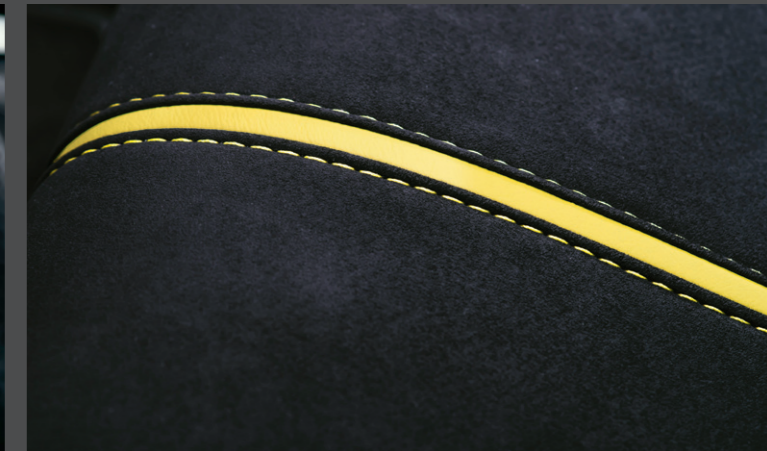


A yellow Aston Martin V12 Vantage S is shown from a rear three-quarter view, driving on a two-lane asphalt road that curves through a vast, hilly landscape. The hills are covered in dry, golden-brown grass, and the sky is a pale, hazy blue. The car's license plate is 'VI2 AML'. The background is slightly blurred, suggesting motion.

DRIVING IN ITS PUREST FORM

Created for those who revel in the satisfying pursuit of challenge and reward, the V12 Vantage S is a driver's car in the truest sense of the word. Thriving on commitment, yet crucially not demanding it, this charismatic sports car will seduce you with its performance and immerse you in the absorbing thrill of driving an immensely powerful rear-wheel drive sports car.

As you'd expect there's a raft of advanced technology to provide an invisible safety net, but the uprated DSC and ABS systems operate discreetly, their intervention thresholds precisely calibrated to remain very much in the background until their help is required. This mature, purist approach acknowledges that it is you and not the car that has control, leaving you free to enjoy a uniquely organic, tactile driving experience that places you at the epicentre of the action.



NOBLE SAVAGE

Though the V12 Vantage S is unashamedly focussed on driving thrills it doesn't compromise on driver comfort. Being an Aston Martin this means an interior boasting quality, style and craftsmanship of the highest order. There are two designs of seat – Sport and Lightweight* – and a choice of Luxmill or semi-aniline leather, plus Alcantara® and a dramatic range of panel, stitch and stripe designs for the seats and door panels to accentuate such a dynamic character.

Other options include a fabulous Carbon-Fibre fascia, a painted Carbon front grille and door handles. Additionally, all exterior brightwork can be specified in a purposeful Black finish to complement the Carbon-Fibre exterior detailing. Optional lightweight forged alloy wheels come in Silver or Satin Black, while Dark Graphite or Silver motorsport-inspired paint schemes make a dramatic statement of intent.

*Lightweight seats are not available in all markets.

THE LIMIT IS YOURS

The V12 Vantage S demands respect and delivers unmatched satisfaction in return. When driving on the road this means huge reserves of performance, high levels of mechanical grip and the reassurance of finely tuned traction, stability and anti-lock systems to maintain a high yet non-intrusive safety margin.

This makes for a completely immersive and satisfying experience that can adapt and evolve thanks to advanced multi-mode suspension and stability control systems. Using these you can select the appropriate level of response and assistance for the conditions or your skill level. Intelligent integration of these systems means throttle response, steering weight, gearshift speed and the intervention thresholds of the

ABS and DSC systems are all finely adjusted when you switch from Normal to Sport or Track settings, or engage Sport mode.

The difference in character is tangible, as is the increasing reliance on your inputs, yet all the electronic driver aids remain active so mistakes are not harshly punished. Of course being a true driver's car you may also wish to experience the V12 Vantage S on a race track, which is why you also have the option to fully disable the DSC system. That is not a decision to be taken lightly, but it is one we know an expert driver will wish to make, for taking full control of all 565 bhp and 620 Nm is to experience the uncensored rush of adrenalin that defines the V12 Vantage S experience.



OPTIONS



- 1 Carbon-Fibre Exterior Pack comprising mirror caps, side strake and lamp infills (Side strake illustrated)
- 2 Black side window trim surround
- 3 Painted Carbon front grille
- 4 Silver headlamp bezels
- 5 Carbon-Fibre paddle shift
- 6 Black pedal pads and footrest

- 19" 10-spoke forged alloy wheels**
- 1 Graphite painted wheels with diamond-turned finish (standard)
 - 2 Liquid Silver painted wheels
 - 3 Gloss Black painted wheels with diamond-turned finish
- 19" 10-spoke Lightweight forged alloy wheels**
- 4 Silver painted wheels
 - 5 Satin Black painted wheels
- Coloured Brake Calipers**
- 6 Grey
 - 7 Red
 - 8 Yellow

SPECIFICATIONS

Body

- Two-seat, two-door coupe body style
- Extruded bonded aluminium VH body structure
- Aluminium, magnesium alloy, composite and steel body
- Extruded aluminium door side-impact beams
- Halogen projector headlamps (main beam)
- High Intensity Discharge headlamps (dipped beam)
- LED rear lamps
- Clear rear lamps with a Black border
- Carbon-Fibre front splitter and rear diffuser
- Black headlamp bezels ¹

Engine

- All-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 11.0:1
- Max power 421 kW (573 PS/565 bhp) at 6750 rpm
- Max torque 620 Nm (457 lb ft) at 5750 rpm
- Acceleration
- 0-60 mph in 3.7 seconds
- 0-100 km/h in 3.9 seconds
- Maximum speed 330 km/h (205 mph)

Transmission

- Rear mid-mounted, seven-speed automated manual transmission
- Alloy torque tube with Carbon-Fibre propeller shaft
- Limited-slip differential
- Final-drive ratio 3.7:1

Steering

- Rack and pinion, power-assisted steering, 2.6 turns lock-to-lock
- Column tilt and reach adjustment

Wheels & tyres

- 19" 10-spoke forged alloy Graphite painted wheels with diamond-turned finish
- Front: 9 x 19" Pirelli P Zero Corsa 255/35 ZR19
- Rear: 11 x 19" Pirelli P Zero Corsa 295/30 ZR19

Suspension

- Front: Independent double wishbones incorporating anti-dive geometry, coil springs, anti-roll bar and monotube dampers
- Rear: Independent double wishbones with anti-squat and anti-lift geometry, dual-rate coil springs and monotube dampers
- Three-stage Adaptive Damping System (ADS) with Normal, Sport and Track modes

Brakes

- Front: Ventilated Carbon Ceramic discs, 398 mm diameter with six-piston monobloc calipers
- Rear: Ventilated Carbon Ceramic discs, 360 mm diameter with four-piston monobloc calipers
- Black Brake Calipers
- Dynamic Stability Control (DSC) with Track mode
- Anti-lock Braking System (ABS) with Track mode
- Electronic Brakeforce Distribution (EBD)
- Emergency Brake Assist (EBA)
- Traction Control (TC)

Standard specification

- Full-grain leather interior or full-grain leather and Alcantara® interior
- Piano Black facia trim, centre stack and door pulls
- Alcantara®-trimmed sports steering wheel with Black airbag ring
- Electrically adjustable sports seats with side airbags
- Memory seats and exterior mirrors (three positions)
- Dual-stage driver/passenger front airbags
- Carbon-Fibre front grille
- Titanium front grille and side strake mesh
- Powerfold exterior heated mirrors
- Heated rear screen
- Automatic temperature control
- Organic Electroluminescent (OEL) displays
- Trip computer

- Cruise control
- Bluetooth® telephone preparation ¹
- Satellite navigation system ¹
- Auto-dimming interior rear view mirror ¹
- Auto-dimming interior rear view mirror with garage door opener (USA and Canada only) ¹
- Rear parking sensors
- Tyre pressure monitoring ¹
- Alarm (with volumetric and tilt sensor) and immobiliser
- Remote control central door locking and boot release
- Glass ECU
- Glass switches
- Aston Martin tracking by Cobra (UK only) ^{4,6}
- LED map reading lights

In-car entertainment

- 160 W Aston Martin audio system with six-CD autochanger
- DAB radio ¹
- Integrated Apple iPod® connector ⁵
- USB connector with Waveform Audio Format (WAF), Windows Media Player (WMA) and MPEG (MP3) audio file compatibility

Exterior options

- 10-spoke Lightweight forged alloy wheels – Silver or Satin Black finish
- 10-spoke forged alloy wheels – Liquid Silver or Black diamond-turned finish
- Coloured Brake Calipers – Grey, Red or Yellow
- Pirelli P Zero Tyres

- Contrast Body Panels in Black or Silver – individually or combinations of:
 - Roof
 - Rear tailgate panel and lamp infills
 - Front bonnet and bumper ‘lipstick’
- Carbon-Fibre Exterior Pack comprising mirror caps, side strake and lamp infills
- Painted Carbon front grille
- Black meshes comprising front grille and side strake
- Black side window trim surround
- Black exhaust tailpipes
- Front parking sensors
- Reversing camera
- Silver headlamp bezel
- Front wing ‘V12’ badging
- Delete model badging
- Delete protective tape

Interior options

- Carbon-Fibre Interior Pack comprising facia and door pulls
- Carbon-Fibre paddle shift
- Leather sports steering wheel
- Black pedal pads and footrest
- Lightweight seats with six-way electrical adjustment ^{1,3}
- Heated seats ²
- Passenger seat with ISOFIX (fixed height) ^{1,2}
- Lightweight carpet
- 700 W Aston Martin Premium Audio System with Dolby® Pro Logic II®
- 1000 W Bang & Olufsen BeoSound audio system with ICEpower® technology
- Satellite radio system (USA and Canada only) ¹

- Garage door opener (Europe only) ¹
- Second glass ECU
- Aston Martin tracking by Cobra ^{1,4,6}
- Personalised sill plaques
- First aid kit ¹
- Ashtray and cigar lighter
- Boot-mounted umbrella

Dimensions

- Length 4385 mm (172.6")
- Width 1865 mm (73.4") excluding mirrors
- 2022 mm (79.6") including mirrors
- Height 1250 mm (49.2")
- Wheelbase 2600 mm (102.4")
- Front track 1570 mm (61.8")
- Rear track 1575 mm (62.0")
- Turning circle 11.8 m (38.7 ft) (kerb to kerb)
- Boot capacity 300 litres (10.6 cu ft)
- Fuel capacity 80 litres (17.6 UK gal/21.1 US gal)
- Kerb weight 1665 kg

Fuel consumption for the Aston Martin Range

- Litres/100 km (mpg)
- Urban 48.7 - 11.6 (5.8 - 24.3)
- Extra-urban 62.8 - 24.1 (4.5 - 11.7)
- Combined 56.5 - 17.3 (5.0 - 16.4)

Gas mileage

- TBC

CO2 emissions for the Aston Martin Range

- 388 g/km - 116 g/km

IMPORTANT NOTICE

Pictures and word mark

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.

This brochure is merely an indication of the kinds of Aston Martin products and services which may be available from time to time. The contents of this brochure represent Aston Martin Lagonda Limited's business as a whole. Text and photographs in this brochure may relate to specifications, options, accessories and/or services that are not available for sale in some countries or

which have been superseded or are otherwise no longer available. Images shown may not be reflective of the final car.

Performance results

Because V12 Vantage S is not yet in production, official fuel consumption figures and CO2 emissions data are not yet available in final form. Any figures quoted are Aston Martin's estimates and as soon as type approval is issued the fuel consumption and CO2 emissions figures will be made available. 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, 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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¹ Not available in all markets.
² Not available with lightweight seats.
³ Does not include side airbags or passenger airbag cut-off switch.
⁴ Complies with UK Thatcham Category 5 requirements. Excludes subscription. Standard in UK.
⁵ iPod® is a trademark of Apple Inc., registered in the US and other countries.
⁶ Cobra is a registered trademark of Cobra Automotive Technologies SpA.



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