



ASTON MARTIN

Vanquish S takes Aston Martin's ultimate Super GT to the next level

- Power of naturally-aspirated 6.0 litre V12 engine increased to 600PS
- Suspension set-up honed to deliver greater poise and precision
- Exterior features new exposed carbon fibre splitter and diffuser, plus striking new quad exhaust outlets

Gaydon: Aston Martin has turned up the heat on its ultimate Super GT to create the new Vanquish S. Sharper styling, greater potency and increased athleticism define this latest evolution of an illustrious model line. One that originated from Aston Martin's legendary Works in Newport Pagnell and has proudly served as standard bearer for the marque's sporting and stylistic values since 2001.

In this, the second generation Vanquish's evolution to S specification, careful attention has been paid to the engine, chassis and aerodynamics to create a machine honed to deliver more intense thrills and even more scintillating performance.

Central to this is the naturally-aspirated 6.0 litre V12 engine, which now produces up to 600PS (up from 573PS) and enjoys sensational throttle response, thanks to a revised, freer-breathing intake system. These larger volume inlet manifolds allow a greater volume of air to flow into the engine at high revs, creating a relentless power delivery and a stronger feel all the way to the redline.

Building on this increased intensity, the calibration of the 8-speed Touchtronic III transmission has been revised to deliver faster gearshifts and greater refinement at low speeds for a greater sense of precision and immediacy.

Likewise, the suspension, damper internals, spring rates and anti-roll bar bushes have also been re-tuned to give the Vanquish S a keener edge in the more sporting suspension modes, without compromising its ability to deliver supple ride quality on demand.

Visually the Vanquish S can be readily distinguished by a new aerodynamic package. Fashioned from exposed carbon fibre, this revised front splitter and rear diffuser combine to deliver a meaningful reduction in frontal lift with a minimal penalty in additional drag. Combined with visually striking new quad exhaust outlets the Vanquish S has more aggressive appearance, entirely fitting for Aston Martin's most overtly sporting GT production model.

This look can be further enhanced with a range of new options. These include carbon fibre bonnet louvres, new forged 5-spoke diamond turned wheels and a choice of striking painted graphics packs. A new Vanquish S badge sits proudly on the tailgate as the perfect piece of jewellery.

Inside, the Vanquish S can be further personalised with a choice of spectacular new 'Filograph' quilted leather and the use of new materials and finishes, such as the Satin Chopped Carbon Fibre fascia panel. Sumptuous Bridge of Weir Caithness leather offers an added touch of luxury and tactility, while Vanquish S embroidery on the headrests provides a crafted finishing detail.

Dr. Andy Palmer, Aston Martin President & CEO said: "From the moment the original Vanquish was launched it became a modern icon. It propelled Aston Martin from an era of hand-built cars to one where craftsmanship and technology combined to create a new kind of great British GT.

"In its second generation the Vanquish maintained that momentum with huge engineering advances such as its all-carbon fibre bodywork and compelling, contemporary styling. Now, the Vanquish S takes things a step further, confidently asserting itself within the Aston Martin range and distinguishing itself from the new DB11. A spectacular machine in every sense, the Vanquish S is a magnificent addition to our range."

Vanquish S is available in both Coupe and Volante and recommended retail price starts from £199,950 in the UK, €262,950 in Germany and \$294,950 in the US. Deliveries will commence in December 2016.

- Ends -

Attachment 1

Aston Martin Vanquish S Specification

Body:

- Two-door coupe and volante body style
- 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
- Day-time running lights
- Exposed Carbon fibre splitter, diffuser and sill blade
- 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

Engine:

- All alloy quad overhead cam 48-valve 5935cc V12 with revised inlet manifolds
- Front mid-mounted engine, rear-wheel drive
- Stainless steel exhaust system with cross pipes and quad exhaust tailpipes
- Compression ratio 11:1
- Dual variable camshaft timing
- Fully CNC machined combustion chambers
- 100bhp/litre at 7000 rpm
- Maximum power 444 kW (595 bhp / 600 PS) at 7000 rpm – UK and EU
- Maximum power 433 kW (580 bhp / 588 PS) at 7000 rpm – Rest of World
- Maximum torque 630 Nm (465 lb ft) at 5500 rpm
- Acceleration 0-62 mph (0-100km/h) in 3.5 seconds
- Maximum speed 201 mph (324 km/h) (Target)
- European Fuel Economy Figures:
 - Urban 14.4mpg, 19.6l/100km
 - Extra urban 30.4mpg, 21.6l/100km
 - Combined 21.6mpg, 13.1l/100km and 302g/km CO2

Transmission:

- Rear mid-mounted 'Touchtronic III' eight-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

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
- Retuned Adaptive Damping System (ADS) with normal, sport and track modes
- Wheels and Tyres: 20" 10-spoke Gloss Black Cast alloy wheels
- Front 9J x 20" Pirelli P-Zero 255/35 ZR20
- Rear 11.5J x 20" Pirelli P-Zero 305/30 ZR20

Brakes:

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

Dimensions:

- Length: 4730 mm / 4745mm (including number plate plinth)
- Width: 1910 mm (excluding door mirrors) 2067 mm (including door mirrors)
- Height: 1295 mm
- Wheelbase: 2740 mm
- Fuel tank capacity: 78 litres (17.2 Imp. Gal. /20.5 US Gal)
- Weight: 1739 kg (3834lb)

Standard Exterior Trim and Features

- 20" cast 10-spoke gloss black alloy wheels
- New Carbon Fibre splitter, diffuser and side sills
- Carbon Fibre door mirror arms
- Primary Aston Martin paint palette
- Bright vaned front grille
- Titanium bonnet meshes
- Bright side strakes
- Bright tailpipe finishers
- Bright window surround

Standard Interior Trim and Features

- Strathmore enhanced-grain leather interior
- Primary Alcantara
- Fine matched to leather stitch
- Seat headrest: Vanquish S embroidery
- Primary carpet palette
- Primary Alcantara headlining
- Primary Rokona headlining (Volante)
- Warm charcoal seatbelts
- Iridium fascia
- Black round leather steering wheel
- Vanquish S aluminium sill plaque

- Iridium hardware pack
- Satin chrome jewellery pack
- Satin chrome centre stack rotaries
- Sports seats
- Electrically operated front seats with side airbags
- Memory front seats and exterior mirrors (three memory positions)
- Coupe 2+0 seating configuration
- Volante 2+2 seating configuration
- 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 pre-tensioners and digressive load limiters
- Trip computer
- Laminated windscreen with clear noise-insulation layer
- Glass ECU
- Heated rear screen
- Rear parking assist camera

In Car Entertainment:

- 1000-watt Bang & Olufsen BeoSound 13-speaker audio system
- Infotainment system (AMi III) with capacitive switching
- 6.5" LCD Screen
- DAB radio¹
- AM/FM radio¹
- Satellite Radio (USA Only)
- USB connector with Waveform Audio Format (WAF), Windows Media Player (WMA) and MPEG (MP3) audio file compatibility
- A2DP Bluetooth® audio
- iPhone Integration and Apple CarPlay³

Exterior Trim Options

- 20" forged 10-spoke wheel with silver finish and diamond turned
- 20" forged 10-spoke wheel with gloss black finish and diamond turned
- New 20" forged 5-spoke wheel with silver finish and diamond turned
- New 20" forged 5-spoke wheel with gloss black finish and diamond turned
- Contemporary Aston Martin paint palette
- Special Aston Martin paint palette
- Vanquish S graphics pack (with 7 x colours)
- Painted brake calipers
- Gloss black window surround
- New Carbon Fibre bonnet louvres
- Black bonnet and side strake meshes
- Magnesium finish bonnet and side strake meshes
- Carbon Fibre door mirror caps
- Carbon Fibre roof panel
- Carbon Fibre side strakes
- Carbon Fibre exterior door release

- Black vaned front grille
- New Carbon Fibre front grille with black mesh insert
- Black textured tailpipe finishers
- V12 front fender badges
- Vanquish S model badging
- Protective tape

Interior Trim Options

- 2+2 seating configuration
- Contemporary leather
- Special leather
- Contemporary Alcantara
- Contemporary Rokona (Volante Only)
- Micro-perforated leather seat inserts
- Contrast stitching
- New Filograph style quilt pattern
- Headrest embroidered Aston Martin wings logo
- Contemporary carpet colour palette with matched to leather carpet binding
- Colour-keyed load space carpet
- Contrast carpet binding
- Leather headlining with welt
- Coloured seatbelts
- Piano black fascia
- Carbon Fibre 2x2 twill fascia
- New satin chopped Carbon Fibre fascia
- Herringbone Carbon Fibre Fascia
- Colour-keyed round steering wheel
- Black round leather / part Alcantara steering wheel
- Black One-77 steering wheel
- Colour-keyed One-77 steering wheel
- Carbon Fibre 2x2 sill plaque
- New satin chopped carbon fibre sill plaque
- Personalised aluminium sill plaque
- Black hardware pack
- Shadow Bronze jewellery pack
- Shadow Bronze centre stack rotaries
- Black centre stack rotaries
- Lightweight seat
- Black painted paddle shifts with colour keyed leather inserts
- Carbon Fibre paddleshifts
- Ventilated front seats
- Auto-dim mirror
- Auto-dim mirror with garage door opener
- Aston Martin Tracking by Cobra²
- 6 CD autochanger
- Second glass key
- Umbrella and holder
- Alarm upgrade (volumetric and tilt)
- First aid kit

¹ Not available in all markets

² Complies with UK Thatcham Category 5 requirements. Excludes subscription. Standard in UK

³ iPod and iPhone is a trademark of Apple Inc. registered in the US

Option Packs

Shadow Pack

- Black Front Grille
- Black DLO
- Zircotec Tailpipes

Carbon Pack

- Carbon Side Strakes
- Carbon Mirror Caps

Carbon Pack Plus

- Carbon Bonnet Louvres
- Carbon Side Strakes
- Carbon Mirror Caps
- Carbon door Handles
- Carbon Roof Panel

Internal Shadow Pack

- Black Hardware Pack
- Shadow Bronze Centre Stack Rotaries
- Shadow Bronze Jewellery Pack

Contemporary Pack

- Contemporary Leather
- Contemporary Paint
- Contemporary Alcantara
- Contemporary Carpet

Luxury Pack

- Contemporary Leather
- Leather Headlining
- Colour Keyed Steering Wheel

Contemporary Luxury Pack

- Contemporary Leather
- Contemporary Paint
- Contemporary Alcantara
- Contemporary Carpet
- Leather Headlining
- Colour Keyed Steering Wheel