



ASTON MARTIN

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VANTAGE AMR: PURE, ENGAGING, MANUAL PERFORMANCE

- **Vantage AMR delivers ultimate driving experience for customers**
- **Seven-speed manual transmission inspired by iconic motorsport setups**
- **Maximum speed 195mph*. 0-60mph in 3.9 seconds***
- **95kg lighter than standard Vantage**
- **Limited to 200 units worldwide with 59 units dedicated to 'Vantage 59' specification**
- **Powered by 4.0-litre, 510PS/625Nm twin-turbo V8**
- **Deliveries scheduled to begin Q4 2019**
- **Available in five Vantage AMR specifications including 1959 24 Hours of Le Mans celebration 'Vantage 59' livery**
- **Launched ahead of the penultimate round of 2018/19 FIA World Endurance Championship, the 6 Hours of Spa-Francorchamps**

01 May 2019, Gaydon: Renowned for delivering one of the most exhilarating driving experiences currently on the market, the Aston Martin Vantage has been given an extra dose of excitement with the addition of a third pedal and manual transmission. The result? Vantage AMR.

Launched today ahead of the penultimate round of the FIA World Endurance Championship Super Season – a world where Aston Martin Racing competes with the Vantage GTE – Vantage AMR fulfils Aston Martin's promise to deliver a product with the involvement and driver engagement that only a manual can offer.

The heart of Vantage AMR remains Aston Martin's potent new alloy, 4-litre twin-turbo V8 engine. Set low and as far back in the chassis as possible for optimal centre-of-gravity and near perfect 50:50 weight distribution, this high performance, high efficiency engine develops 510PS at 6000rpm and 625Nm from 2000-5000rpm, propelling Vantage AMR from 0-60mph in 3.9 seconds and 0-62mph in 4.0 seconds*. As with the existing Vantage model, top speed is met at 195 mph*. However, while performance is still at the forefront of all Vantage models, its delivery in the Vantage AMR is very different.

Vantage AMR is equipped with a motorsport-inspired 7-speed transmission developed by Graziano, featuring a 'dog-leg' first gear. Inside, the driver is presented with the opportunity to deliver each gear with both precision and finesse via a hand-stitched leather-clad gearstick. Second to seventh gears – those that will be used most frequently when on the move – are positioned in a traditional double H-pattern configuration. To ensure a more rewarding and engaging experience expected of a manual, Vantage AMR's transmission is mated to a limited-slip differential, tuned and calibrated by Aston Martin's leading dynamics team, headed by Chief Engineer Matt Becker, from the team's base at Silverstone Race Circuit.

Vantage AMR's manual transmission also features AMSHIFT. The system, which is driver selectable, uses clutch, gear position and prop shaft sensors, together with finely-tuned engine management program to mimic the technique of heel-and-toe downshifts; the act of blipping the throttle while braking and changing gear to allow smoother deceleration and cornering as a result. AMSHIFT also offers the capability of full-throttle upshifts for maximum smoothness and minimal interruption in acceleration.

Removing the automatic transmission and including carbon ceramic brakes as standard not only creates a purer driver experience, but also assists in removing 95kg of weight. Known for its handling prowess already, Vantage AMR pushes the boundaries further and continues to exploit Aston Martin's latest adaptive damping system incorporating Skyhook technology - with Sport, Sport + and Track modes – to ensure the car's character can be tuned to the driver's preference or road conditions.

Limited to 200-units, Vantage AMR is available in five designer specifications. 141 of those 200 will be available in either Sabiro Blue, Onyx Black, China Grey or White Stone. In contrast, the final 59 will be crafted in celebration of the 60th anniversary since Aston Martin's triumphant 1959 24 Hours of Le Mans victory with DBR1. Named "Vantage 59", this fixed specification features a Stirling Green and Lime exterior paint scheme and Dark Knight leather and alcantara interior, finished with a signature AMR lime stripe and stitch. Priced at £164,995 in the UK, €209,995 in Germany and \$204,995 in the USA, this package is available on a first-come-first-serve basis to customers worldwide.

Speaking of Vantage AMR, Andy Palmer President and Group CEO, Aston Martin Lagonda said, "When I joined this company, customers asked and, as a gearbox engineer and racer, I promised that we would always offer a manual transmission in our line-up. The Vantage AMR not only honours that commitment but sets us apart from our competitors in continuing to offer a three-pedal option. In a world of autonomous robo-taxis, Aston Martin will continue to advance the art and science of performance driving. With the Vantage AMR, we have created a thoroughly modern

sports car that rewards effort and focus from the driver; the antidote to driving a computer game. With the Vantage GTE set to race again at the 24 Hours of Le Mans in June, I hope that those customers who are lucky enough to take ownership of a Vantage 59, will have even more reason to celebrate with their new car”.

Vantage AMR is on sale now with a recommended retail price from £149,995 in the UK, €184,995 in Germany and \$179,995 in the USA. Vantage will continue to feature a manual gearbox as an option from Q1 2020, following the sale of all 200 Vantage AMR models. Deliveries of Vantage AMR are scheduled to begin during the final quarter of 2019.

- Ends -

*Manufacturer estimate

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Attachment 1.

Aston Martin Vantage AMR Specification

Body

- Two Door Coupe Body Style with 2+0 Seating
- Extruded bonded aluminium body structure with steel panels
- LED high and low beam headlamps with integrated direction indicator, daytime running lights, position lamp, lock/unlock graphic theatre
- Signature full width LED tail lamp with stop tail and dynamic indicator functions
- Clamshell bonnet
- Side gill

Engine

- All-alloy quad overhead cam, 4.0 litre twin turbo V8
- Water-to-Air charge cooling
- Front mid-mounted engine, rear wheel drive
- Compression ratio 10.5:1
- Fully catalysed stainless-steel exhaust system
- Electronically controlled exhaust
- Dual Variable Camshaft Timing
- Fully CNC machined combustion chambers
- Maximum power: 510PS / 503BHP / 375kW at 6000rpm
- Maximum torque: 625Nm from 2000-5000rpm
- Acceleration: 0-62mph (0-100km/h) in 4.0 seconds¹ / 0-60mph in 3.9 seconds¹
- Maximum speed: 195 mph¹ (314 kph)

European Fuel Economy Figures

- CO₂ 285 g/km¹ NEDC

Transmission

- Rear mid-mounted manual transmission
- Graziano seven-speed Transaxle
- AM Shift
- Limited Slip Differential (LSD)
- Final drive ratio 3.727:1

Steering

- Electric power assisted steering rack with 12.9:1 steering ratio
- Speed-dependent rack and pinion power-assisted steering, 2.4 turns lock-to-lock

Suspension

- Front independent double wishbone design coil springs, anti-roll bar
- Rear multi-link, coil springs, anti-roll bar
- Adaptive Damping System (ADS) with Skyhook technology modes Sport, Sport + and Track

Wheels and Tyres

- 20" Forged AMR Wheel
- Front 20" Pirelli P Zero 255/40/20
- Rear 20" Pirelli P Zero 295/35/20

Brakes

- Front ventilated two-piece carbon ceramic brake discs 410 mm diameter
- Rear ventilated carbon ceramic brake discs 360 mm diameter
- Electric park brake
- 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)
- Dynamic Torque Vectoring (DTV)

Dimensions and weights

- Dry weight – 1499kg
- Length – 4465 mm
- Width (incl Mirror Caps) – 2153 mm
- Width (excl Mirror Caps) – 1942 mm
- Height – 1274 mm
- Wheelbase – 2704 mm
- Fuel tank capacity – 78 litres
- Weight Distribution – 50:50

In Car Entertainment

- Aston Martin Audio System
- 8.0" LCD screen
- iPod® and iPhone® integration and USB playback
- DAB & AM/FM Radio
- A2DP Bluetooth® audio and phone streaming
- Integrated satellite navigation system

Vantage 59 Standard Specification⁴

- Exclusive Stirling Green Paint with Lime Halo Graphic + 59 Logo on Bonnet
- Q 2x2 Twill Gloss Carbon Fibre Exterior Body Pack²
- Lime Rear Diffuser Insert and Blades
- Exterior Black Collection including
- Matte Black Window Surround
- Matte Black Front Grille
- Q 2x2 Twill Gloss Carbon Fibre Decklid Insert
- Smoked Tail Lamps
- Q 2x2 Twill Gloss Carbon Fibre Bonnet Vents
- Q 2x2 Twill Gloss Carbon Fibre Louvred Side Gill
- Q 2x2 Twill Gloss Carbon Fibre Mirror Caps
- Q 2x2 Twill Gloss Carbon Fibre Roof
- 20" Textured Black AMR Wheel
- AMR Lime Green Brake Calipers
- Quad Matte Black Exhaust
- Enamel wing badges
- Silver underbonnet cross brace
- Sport Plus Collection (Sports Plus Seat and Sports Steering Wheel)
- Monotone Unique AMR Interior Environment: Dark Knight Leather and Dark Knight Alcantara with Lime Stripe and Lime Stitch
- Exclusive 59 Logo Embroidery in Silver
- Q Dark Chrome and Carbon Fibre Jewellery Pack
- Base Floor Mats
- Aluminium Treadplates with exclusive Sill Plaque AMR
- Carpeted cabin
- Gloss Black trim inlay
- Automatic temperature control with dual zone climate control
- Front and rear parking sensors
- Tyre pressure monitoring
- Alarm and immobiliser
- Memory seats
- Heated rear screen
- Side mirror tilt down on reverse
- Keyless entry
- Blind spot monitoring
- Auto park assist
- Touchpad
- Glass switches
- Electronic steering column and cruise control
- 360-degree camera

Optional Features - Vantage 59

Interior

- Heavy Pile Floor mats
- Q 2x2 Twill Satin Carbon Fibre Tread Plates
- Q 2x2 Twill Satin Carbon Fibre Trim Inlay
- Alternative seat belt colours – Flint, Champagne, Spicy Red, Mocha, Graphite

Exterior

- Black underbonnet cross brace
- Optional Wheel Centre Caps - 2x2 Twill Gloss, 2x2 Twill Satin
- Machined Carbon Fibre Wings Badges
- Privacy Glass

Functional

- Garage door opener
- Aston Martin Premium Audio System
- Heated seats
- 16-way seat adjust
- Closed stowage and armrest

Vantage Hero Standard Specification⁴

- 6 Exterior Paint Options
 - Sabiro Blue
 - Onyx Black
 - China Grey
 - White Stone
- Q 2x2 Twill Gloss Carbon Fibre Exterior Body Pack
- Carbon Fibre Diffuser Insert and Blades
- Exterior Black Collection including
 - Matte Black Window Surround
 - Matte Black Front Grille
- Smoked Tail Lamps
- Q 2x2 Twill Gloss Carbon Fibre Bonnet Vents
- 20" Silver AMR Wheel
- AMR Lime Green Brake Calipers
- Quad Matte Black Exhaust
- Enamel wing badges
- Silver underbonnet cross brace
- Sport Plus Collection (Sports Plus Seat and Sports Steering Wheel)
- 4 Interior Environment Options:
 - Dark Knight leather/ Dark Knight Alcantara/ AMR Lime Stripe + Stitch
 - Black leather/Black Alcantara/ AMR Lime Stripe + Stitch
 - Phantom Grey leather/Black Alcantara/AMR Lime Stripe + Stitch
 - Copper Tan Metallic leather/Black Alcantara/AMR Lime Stripe + Stitch
- AMR Logo Embroidery in Silver
- Q Dark Chrome and Carbon Fibre Jewellery Pack
- Base Floor Mats
- Aluminium Treadplates with exclusive Sill Plaque AMR
- Carpeted cabin
- Gloss Black trim inlay
- Automatic temperature control with dual zone climate control
- Front and rear parking sensors
- Tyre pressure monitoring
- Alarm and immobiliser
- Memory seats
- Heated rear screen
- Side mirror tilt down on reverse
- Keyless entry
- Blind spot monitoring
- Auto park assist
- Touchpad
- Glass switches
- Electronic steering column and cruise control
- 360-degree camera

Optional Features - Vantage Hero

Interior

- Heavy Pile Floor mats
- 2x2 Twill Satin Carbon Fibre Tread Plates
- Optional Trim Inlay – Lime Essence Painted, White Stone Painted, Hyper Red Painted, Q 2x2 Twill Carbon Fibre
- Optional Jewellery Pack - Gloss Black and Satin Silver, Satin Silver, Dark Chrome
- Sports Plus Carbon Fibre Collection
- Optional Steering Wheel - Sports Colour Keyed, Sports Carbon Fibre with Black Leather Inserts, Sports Carbon Fibre with Colour Keyed Inserts
- Alternative seat belt colours – Flint, Champagne, Spicy Red, Mocha, Graphite

Exterior

- Black underbonnet cross brace
- Optional Wheel Centre Caps - 2x2 Twill Gloss, 2x2 Twill Satin
- Machined Carbon Fibre Wings Badges
- Optional Roof Finishes Gloss Black, 2x2 Twill Carbon Fibre
- Optional Body Packs – Graphite Painted, Gloss Black²
- Graphics – Lime Pinstripe
- Optional Rear Diffuser Insert and Blades Finish – Match to exterior Body Pack, Body Coloured
- Red Tail Lights
- Optional Decklid Insert – Matter Black, 2x2 Twill Carbon Fibre
- Optional Mirror Caps – Gloss Black, Carbon Fibre
- Privacy Glass
- Optional Side Gill – Matte Black Perforated, Gloss 2x2 Twill Carbon Fibre
- Q 2x2 Twill Carbon Fibre Door Handle

Functional

- Garage door opener
- Aston Martin Premium Audio System
- Heated seats
- 16-way seat adjust
- Closed stowage and armrest
- Umbrella and holder
- First aid kit

1. Manufacturers estimate
2. Includes front splitter and grille surround, side sills and rear diffuser
3. Not available in all markets
4. Standard specification varies region to region. Please check with local PR staff for clarification.