

NEW VANTAGE TECHNICAL SPECIFICATION

Body

Two Door Body Style with 2+0 Seating
Extruded Bonded Aluminium Body Structure with Composite Panels

Engine

4.0-litre V8 Twin Turbo
Water-to-air-charge cooling
Front mid mounted engine, rear wheel drive

Maximum power: 665PS / 656bhp / 489kw @ 6,000rpm
Maximum torque: 800Nm / 590 lb-ft @ 2,750 – 6,000rpm
Top speed: 202mph / 325km/h
0-60mph: 3.4s
0-62mph / 0-100km/h: 3.5s

Compression ratio: 8.6
Dual Variable Camshaft Timing
Fully CNC machined combustion chambers

Transmission

Rear mounted eight-speed automatic transmission
Torque converter
Electronic rear limited slip differential
Carbon fibre prop shaft

Gear ratios

| | | | | | |
|-----------------|-------|-----------------|-------|-----------------|-------|
| 1st Gear Ratio: | 4.714 | 2nd Gear Ratio: | 3.143 | 3rd Gear Ratio: | 2.106 |
| 4th Gear Ratio: | 1.667 | 5th Gear Ratio: | 1.285 | 6th Gear Ratio: | 1 |
| 7th Gear Ratio: | 0.839 | 8th Gear Ratio: | 0.667 | Final Drive: | 3.083 |

Steering

Variable Electrical Power Assistance
Steering ratio: 12.8.1
Turns lock to lock: 2.27

Suspension

Front - Independent Double Wishbone, Coil Springs & Anti-Roll Bar
Rear - Multi-link Suspension, with Coil Springs & Anti-Roll Bar
Adaptive Damping System (ADS) with Skyhook Technology & Intelligent Adaptive Dampers

Drive Modes

Five selectable drive modes: Wet, Sport, Sports Plus, Track and Individual
(Tailoring Drivetrain, Steering and Chassis calibrations)

Advanced Driver Assistance Systems (ADAS)
Forward Collision Warning
Autonomous Emergency Braking
Adaptive Cruise control with Stop & Go function
Lane Departure Warning
Lane Keep Assist
Auto High Beam
Matrix Headlamps

Traffic Sign Recognition
Blind Spot Monitoring
Door Open Assist
Rear Cross Traffic Assist
Driver Drowsiness Detection (Coffee Cup)
360° 3D Surround Camera view

Wheels and Tyres

21" Wheels
Michelin Pilot Sport S 5 AML (Bespoke Summer Tyre for Vantage)
Michelin Pilot Alpin 5 AML (Bespoke Winter Tyre for Aston Martin)
Front: 275/35/ZR21
Rear: 325/30/ZR21

Brakes & Chassis Systems

Steel Brake System
Front: 400mm x 36mm 6-piston Caliper
Rear: 360mm x 36mm with a 4-piston Caliper

Carbon Ceramic Brake System
Front: 410mm x 38mm Carbon Ceramic Disc
Rear: 360mm x 38mm Carbon Ceramic Disc

Electric Park Brake

Dynamic Stability Control (DSC)
Anti-lock braking system (ABS)
Electronic Brake Distribution (EBD)
Emergency Brake Assist (EBA)
Traction Control (TC)
Hydraulic Brake Assist (HBA)
Positive Torque Control (PTC)
Dynamic Torque Vectoring (DTV)

Dimensions

Height: 1,275 mm
Width (including mirrors): 2,124 mm
Width (mirrors folded): 2,045 mm
Length: 4,495 mm
Wheelbase: 2,705 mm
Ground Clearance: 94 mm
Front Overhang: 925 mm
Rear Overhang: 865 mm
Approach Angle: 10.1 °
Approach Angle: (with lower body packs): 10 °
Departure Angle: 14.6 °
Boot Volume: 346 litres (load divider and parcel shelf removed)
Boot Volume: 235 litres (load divider and parcel shelf in place)
Fuel Tank: 78 litres
Weight: 1605kg *Lightweight dry
Weight Distribution (Front:Rear): 50 : 50
Turning Circle: 12 m

Fuel Economy & Emissions (EU WLTP)

| | |
|------------------|-------------------------|
| Low speed | 22.3 l/100km (12.7 mpg) |
| Medium speed | 11.8 l/100km (23.9 mpg) |
| High speed | 9.8 l/100km (28.8 mpg) |
| Extra high speed | 10.4 l/100km (27.2 mpg) |
| Combined | 12.1 l/100km (23.3 mpg) |
| CO2 combined | 274 g/km |

DESIGN

Standard Specification (Exterior)

Paint - Solid
Lower Body Package – Graphite
Upper Body Package – Body Colour
21" Five Spoke Wheel - Satin Silver
Grille – Satin Chrome Vaned
Brake Calipers – Dark Grey Anodised
Brake Discs – Steel Brake System
Tail Lights - Red
Roof Panel - Body Coloured
Badging – Enamel Wings Badge with Green Infill
Privacy Glass – Clear
Door Handles – Non Presenting

Standard Specification (Interior)

Interior Trim – Create – Haircell Leather
Seating – Sports Plus Seat (Heated 8-way adjustable)
Trim Split – Monotone
Stitch – Matched
Headlining – Black Micromesh
Carpet – Black 600GSM
IP Trim inlay – Alcantara Upper and Lower
Centre Trim Inlay – Gloss Black
Interior Jewellery – Satin Chrome
Steering Wheel - Sports - Colour Keyed Leather
Seatbelt - Black
Audio – Aston Martin Audio

Optional Features (Exterior)

Paint
Metallic
Signature metallic
Racing Line
Q – Satin
Q – Special
Q – Heritage

Liveries

Pinstripe
Pinstripe and Lipstick
Pinstripe, Lipstick and Rear infill

Lower Body Package
Gloss Black
Gloss 2x2 Twill Carbon Fibre

Upper Body Package
Gloss Black
Gloss 2x2 Twill Carbon Fibre

Glazing¹
Privacy Glass

Brakes

Carbon Ceramic Braking System (CCB)

Brake Calipers – Painted:

Black²
Red
Silver
Yellow
Bronze
New Aston Martin Racing Green

Roof Panel
Gloss Black Painted
Gloss 2x2 Twill Carbon Fibre

Tail Lights
Smoked

21" Wheels
Five Spoke Wheel – Satin Platinum
Five Spoke Wheel – Satin Black
Five Spoke Wheel – Satin Black Diamond Turned
Multi Spoke Wheel – Satin Platinum
Multi Spoke Wheel – Satin Black
Y Spoke Wheel – Satin Bronze
Y Spoke Wheel – Satin Black
Y Spoke Wheel – Satin Black Diamond Turned

Badging

Black Chrome Wings Badges

Optional Features (Interior)

Seating
Carbon Fibre Performance Seat

Interior Trim

Accelerate – Haircell Leather & Alcantara
Inspire – Semi Aniline Leather

Trim Split
Montone - Sport
Duotone

Seat Technology
Seat Ventilation³
16- way Seat Adjustment³

Headlining
Coloured Alcantara

Carpet

Coloured Carpet 720GSM
Trim Inlay
Satin 2x2 Twill Carbon Fibre
Tinted Lime 2x2 Twill Carbon Fibre
Tinted F1 Green 2x2 Twill Carbon Fibre
Tinted Orange 2x2 Twill Carbon Fibre
Tinted Blue 2x2 Twill Carbon Fibre

Jewellery

Dark Satin Chrome

Steering Wheel
Heated and Colour Keyed Sports Wheel

Seatbelts
Core Palette

Audio
Bowers & Wilkins Audio

Personalisation
Heavy pile floor mats
Garage Door Opener

¹ Not available in all markets

² Standard with Carbon Ceramic Brakes

³Sport & Sport Plus Seats only