

NEW VANTAGE ROADSTER TECHNICAL SPECIFICATION

Body

Two Door Convertible Body Style with 2 Seats
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: 3.5s
0-62mph / 0-100km/h: 3.6s

Compression ratio: 8.6:1
Dual Variable Camshaft Timing

Transmission

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

Gear ratios

1 st Gear Ratio:	4.714	2 nd Gear Ratio	3.143	3 rd Gear Ratio:	2.106
4 th Gear Ratio:	1.667	5 th Gear Ratio	1.285	6 th Gear Ratio:	1
7 th Gear Ratio	0.839	8 th 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: 1,285 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: 200 litres

Fuel Tank: 78 litres

Weight: 1665kg *Lightweight dry

Weight Distribution (Front : Rear): 49 : 51

Turning Circle: 12 m

Fuel Economy & Emissions (EU WLTP)

Low speed	22.8 l/100km (12.4 mpg)
Medium speed	11.9 l/100km (23.8 mpg)
High speed	9.9 l/100km (28.5 mpg)
Extra high speed	10.7 l/100km (26.4 mpg)
Combined	12.3 l/100km (23.0 mpg)
CO2 combined	279 g/km

DESIGN

Standard Specification (Exterior)

Paint - Solid / Metallic / Pearlescent / Satin
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 Hood - Black
Badging – Enamel Wings Badge with Green Infill
Privacy Glass – Clear
Door Handles – Body Colour, Flush mounted, Electric Presenting

Standard Specification (Interior)

Interior Trim – Create – Haircell Leather
Seating – Sports Plus Seat (Heated 8-way adjustable)
Trim Split – Monotone
Stitch – Matched
Headlining - Rokona – Black
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

- Signature Metallic
- Racing Line
- Satin
- Special
- Provenance
- Icon

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

Hood

- Red
- Blue
- Black/Silver

Tail Lights

- Smoked Grey

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 and matched to Rokona

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 Matched 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

3 Sport & Sport Plus Seats only