



ASTON MARTIN

V8 VANTAGE S SP10 SPECIAL EDITION



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A CELEBRATION OF MOTORSPORT SUCCESS

Racing success is always hard won, never more so than at the Nürburgring Nordschleife. Yet in the last four years Aston Martin V8 Vantage GT4 race cars have delivered two SP10 class wins and four podiums in the uniquely challenging 'N24' Nürburgring 24-hour endurance race. To mark this achievement – and bring an intensified racing flavour to our most focussed road-going model, the V8 Vantage S – we have created the 'SP10 Special Edition'.





PERFORMANCE

Built around the same core ingredients as Aston Martin's dominant GT4 racers, the SP10 Special Edition features the potent version of our magnificent 4.7-litre V8 engine. Developing 436 PS, 490 Nm of torque it delivers rousing performance and a fabulous soundtrack to match, courtesy of a special sports exhaust system.



DESIGN

Available as a Coupe or Roadster, the Vantage SP10 is blessed with perfect proportions and breathtaking looks. Featuring discreetly enhanced race-proven aerodynamics for increased stability and visual presence, both versions are finished in lustrous Ceramic Grey metallic paintwork, the Roadster with a Titan Grey hood. Black 19" V-Spoke forged alloy wheels and black brake calipers continue the striking monochrome look.





CONTROL

As befits a car with racing in its DNA the SP10 Special Edition is a true driver's car blessed with supreme athleticism. Fitted with a 6-speed manual transmission as standard (the first time the V8 S engine has been mated to a manual) or optional 7-speed Sportshift II paddle operated transmission, the SP10 appeals to both purists and technocrats. The SP10's powerful brakes, wider tyres and more responsive steering complete a peerless dynamic package.

ENGINEERING

Light and strong, compact and perfectly balanced, the SP10 Special Edition is blessed with the inherent poise and feel that define every Aston Martin. Built around an all-alloy structure and employing advanced materials such as magnesium and composites to reduce weight, this intelligent engineering is the key to the SP10's exploitable performance, not to mention its supreme pace and durability in the most gruelling endurance race of all.

CRAFTSMANSHIP

The SP10 Special Edition might have the beating heart of a racing car, but it remains a pure Aston Martin. That means the finest materials, applied in the most stylish way to create a car of rare quality and luxury. Special use of black Alcantara, supple leather and contrasting silver stitching and high-gloss Piano Black detailing create a suitably sporting ambience. As a finishing touch each SP10 Special Edition will carry a bespoke plaque denoting its special series status.



V8 VANTAGE S SP10 TECHNICAL SPECIFICATION

BODY

- Two-seat, two-door coupe or soft-cover convertible top body style
- Ceramic Grey metallic paint
- Titan Grey hood (Roadster only)
- 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
- Carbon fibre front splitter and rear diffuser
- Front parking sensors

ENGINE

- All-alloy quad overhead camshaft, 32-valve 4735 cc V8
- Front mid-mounted engine, rear-wheel drive
- Fully catalysed stainless steel exhaust system with active bypass valves
- Compression ratio 11.3:1
- SP10 engine inspection plaque
- Maximum power 321 kW (430 bhp/436 PS) at 7300 rpm
- Maximum torque 490 Nm (361 lb ft) at 5000 rpm
- Acceleration 0-100 km/h in 4.5 seconds
- Maximum speed 305 km/h (189 mph)

TRANSMISSION

- Rear mid-mounted 6-speed manual transmission
- Alloy torque tube with carbon fibre propeller shaft
- Limited-slip differential
- Final Drive Ratio 4.182:1

STEERING:

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

WHEELS & TYRES

- 19" V-spoke cast alloy black painted wheels with diamond turned finish
- Front 8.5J x 19" Bridgestone Potenza RE050 245/40 R19
- Rear 10.0J x 19" Bridgestone Potenza RE050 285/35 R19

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, coil springs, anti-roll bar and monotube dampers

BRAKES

- Front ventilated and grooved two-piece floating discs, 380mm diameter with black six-piston calipers
- Rear ventilated and grooved steel discs, 330 mm diameter with black four-piston calipers
- Dynamic Stability Control (DSC)
- Anti-lock Braking System (ABS)
- Electronic Brakeforce Distribution (EBD)
- Emergency Brake Assist (EBA)
- Hydraulic Brake Assist (HBA)
- Positive Torque Control (PTC)
- Hill Start Assist (HSA)
- Traction Control

INTERIOR

- Full grain Obsidian Black leather interior with Silver stitching
- Alcantara seat inserts (Coupe only)
- Piano Black facia trim
- Piano Black centre console
- Alcantara-trimmed sports steering wheel (Coupe only)
- Leather-trimmed sports steering wheel (Roadster only)
- Electrically operated sports seats with side airbags
- Dual-stage driver and passenger front airbags
- Heated rear screen (Coupe only)
- Automatic temperature control
- Organic Electroluminescent (OEL) displays
- Trip computer
- Cruise control
- Bluetooth telephone preparation¹
- Glass ECU
- LED map lamps
- Rear parking sensors
- Powerfold exterior heated mirrors
- Tyre-pressure monitoring
- Alarm and immobiliser
- Remote-controlled central door locking and boot release

IN CAR ENTERTAINMENT

- 700 W Aston Martin Premium audio system with six-CD autochanger
- Integrated Apple iPod® connector³
- USB connector with Waveform Audio Format (WAF), Windows Media Player (WMA) and MPEG (MP3) audio file compatibility

EXTERIOR OPTIONS

- Sports suspension (Coupe only)
- Reversing camera
- Delete 'Vantage S' model badging
- Delete protective tape

INTERIOR OPTIONS

- Lightweight seats with six-way electrical adjustment
- Memory front seats and exterior mirrors (three positions)
- Heated seats (not available with Lightweight seats option)
- ISOFIX and fixed height passenger seat (Sports seats only)
- 1000 W Bang & Olufsen audio system
- Auto-dimming interior rear-view mirror
- Auto-dimming interior rear-view mirror with garage door opener¹
- Alarm upgrade (volumetric and tilt sensor)
- Tracking device^{1,2}
- Second glass ECU
- Personalised sill plaques
- Wind deflector (Roadster only)
- First aid kit
- Ashtray and cigar lighter
- Boot mounted umbrella

DIMENSIONS

- Length 4385 mm (172.6")
- Width (excluding mirrors) 1865 mm (73.5")
- Width (including mirrors) 2025 mm (80.0")
- Height (Coupe) 1260 mm (49.6")
- Height (Roadster) 1270 mm (50.0")
- Wheelbase 2600 mm (102.5")
- Front Track 1570 mm (62.0")
- Rear Track 1590 mm (62.6")
- Turning Circle 11.38 m (37.3 ft) (kerb to kerb)
- Boot Capacity (Coupe) 300 litres (10.6 cu ft)
- Boot Capacity (Roadster) 144 litres (5.0 cu ft)
- Fuel Capacity 80 litres (17.6 UK gal)
- Kerb Weight (Coupe) 1610 kg (3549 lb)
- Kerb Weight (Roadster) 1690 kg (3726 lb)

FUEL CONSUMPTION – Litres/100 km (mpg)

- Urban 19.2 (14.7)
- Extra-urban 9.3 (30.4)
- Combined 12.9 (21.9)

CO₂ EMISSIONS

- 299 g/km

1 Not available in all markets

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

3 iPod® is a trademark of Apple Inc., registered in the US and other countries

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Performance results, fuel consumption figures and CO₂ emissions data quoted in this brochure are obtained under controlled test conditions (in accordance with applicable regulations) and may vary depending on the specification of the particular car, road and environmental conditions and driving style. 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 express 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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