



ASTON MARTIN

ONE-77



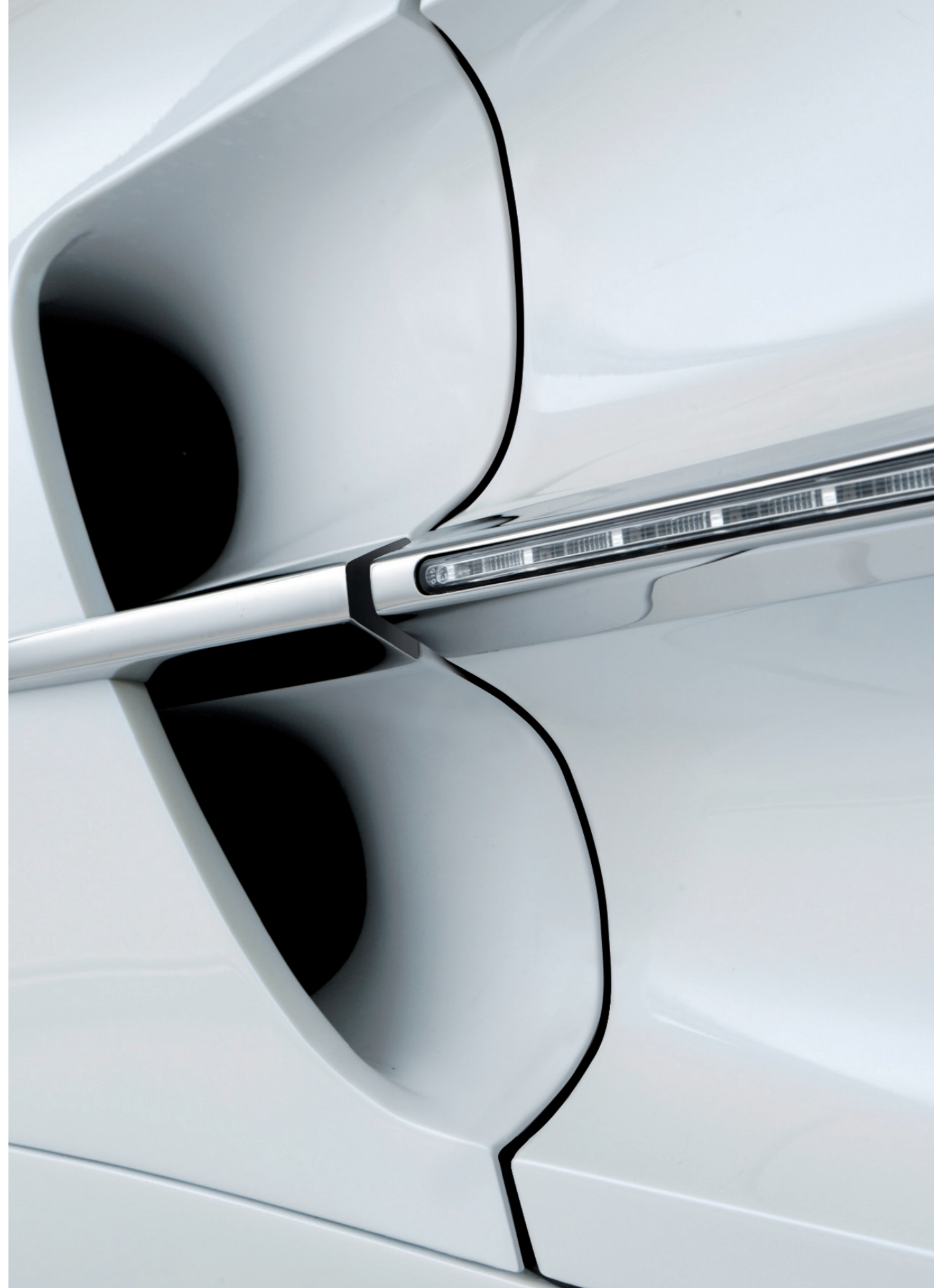


ASTON MARTIN ONE-77

WELCOME TO A PLACE WHERE
THE EPITOME OF DESIGN MEETS THE
PINNACLE OF TECHNOLOGY, WHERE
CRAFT AND CREATIVITY BLEND BEAUTIFULLY
WITH HIGH-PERFORMANCE ENGINEERING.

WELCOME TO THE ASTON MARTIN ONE-77.

The One-77 is the purest embodiment yet of all that Aston Martin stands for as a brand. In every aspect of its design and build, form and function act with the sole intent of complementing each other. From the exquisite fluidity of the hand-crafted aluminium body panels to the immensely powerful 7.3 litre, 750 bhp, V12 engine, nowhere in the car's make up is there the slightest hint of compromise.





FROM EVERY ANGLE AND IN EVERY ASPECT THE ONE-77 PROJECTS A SENSE OF PURPOSE AND POISE, BALANCE AND EQUILIBRIUM.

Not only can it be seen as the culmination of experience, skill and knowledge built up by Aston Martin over many years or that it demonstrates the passion for design and engineering that sits at the heart of the brand, the One-77 goes further than that. Technologically and aesthetically it sets the agenda for the future.

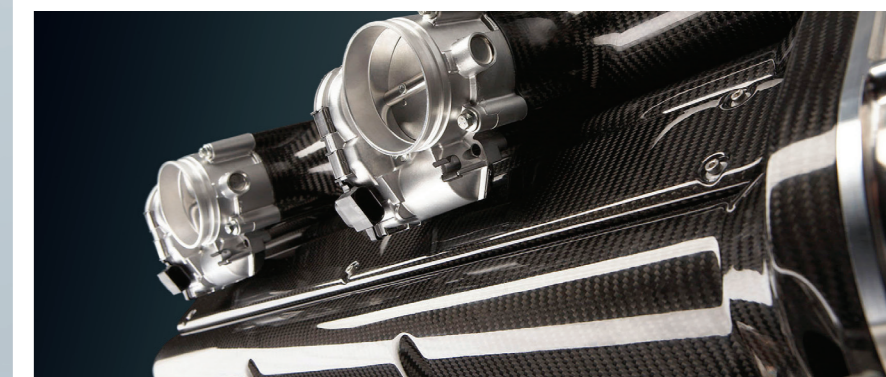
Put simply, the One-77 is the ultimate Aston Martin.



Each One-77 undergoes some 1500 hours of the ultimate in Aston Martin hand-craftsmanship during its build.



High technology and time served tradition: carbon fibre and hand stitched leather sit side by side in perfect harmony.



One-77 is powered by a hand built 7.3 litre V12 engine delivering 750 bhp - the most powerful, naturally aspirated production engine in the world.



At Aston Martin we don't believe in confining art to a gallery.



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TECHNICAL SPECIFICATION ONE-77

BODY

- Two-seat, two-door coupe
- Carbon fibre monocoque structure
- Hand crafted aluminium body panels
- Single bi-xenon headlamps with integrated LED side lights and direction indicators
- Carbon fibre front splitters
- Carbon fibre rear diffuser with integrated transaxle cooler
- LED rear lamps (fog and reverse)
- Active aerodynamics with deployable spoiler

ENGINE

- Alloy quad overhead camshaft, 48-valve, 7312 cc V12
- Front mid-mounted engine, rear-wheel drive
- Fully catalysed stainless steel lightweight sports exhaust system with active bypass valves
- Compression ratio 10.9:1
- Max power 559 kW (750 bhp/760 PS)
- Max torque 750 Nm
- Acceleration 0 – 100 km/h (62 mph) in under 3.7 seconds
- Maximum speed over (354 km/h) 220 mph

TRANSMISSION

- Rear mid-mounted, six-speed automated manual gearbox with auto shift manual/select shift manual (ASM/SSM) electric hydraulic control system
- Magnesium alloy torque tube with carbon fibre propeller shaft
- Limited-slip differential
- Final drive ratio 3.538

STEERING

- Rack and pinion, power-assisted steering, 3.0 turns lock-to-lock
- Column tilt and reach adjustment

WHEELS & TYRES

- 20" forged alloy wheels – 7 or 10-spoke – bespoke finishes
- Front Pirelli P Zero Corsa 255/35 ZR20
- Rear Pirelli P Zero Corsa 335/30 ZR20

SUSPENSION

- Front independent double wishbone suspension incorporating anti-dive geometry, anti-roll bar, pushrod actuated coil springs, and adjustable bump and rebound monotube dampers, electrically adjustable for ride height and rate change
- Rear independent double wishbone suspension incorporating anti-squat and anti-lift geometry, anti-roll bar, pushrod actuated coil springs, and adjustable bump and rebound monotube dampers, electrically adjustable for ride height and rate change

BRAKES

- Front ventilated carbon ceramic discs, 398 mm diameter with six-piston calipers
- Rear ventilated carbon ceramic discs, 360 mm diameter with four-piston calipers
- Dynamic Stability Control (DSC)
- Anti-lock Braking System (ABS)
- Electronic Brakeforce Distribution (EBD)
- Emergency Brake Assist (EBA)
- Traction control

INTERIOR

- Leather-trimmed sports steering wheel
- Electrically adjustable lightweight memory seats¹
- Powerfold exterior memory mirrors
- Dual-stage driver/passenger front airbags
- Automatic temperature control
- Trip computer
- Glass ECU and switches
- LED map-reading touch sensitive lights
- Front/rear parking cameras (option)

DIMENSIONS

- Length 4601 mm
- Width 2204 mm excluding mirrors; 1999.5 mm including mirrors
- Height (Coupe) 1222 mm
- Wheelbase 2791 mm
- Front track 1706 mm
- Rear track 1627 mm
- Turning circle (kerb to kerb) 12.705 m
- Fuel tank capacity 98 litres
- Weight 1630 kg

CO₂ EMISSIONS

- 572 g/km – Sportshift²

¹ Not available in all markets. Please consult your dealer for details.

² Sportshift trademark is used under licence from Prodrive (Holdings) Ltd.

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