

V8 EVOLUTION 6.0



Aston
Workshop



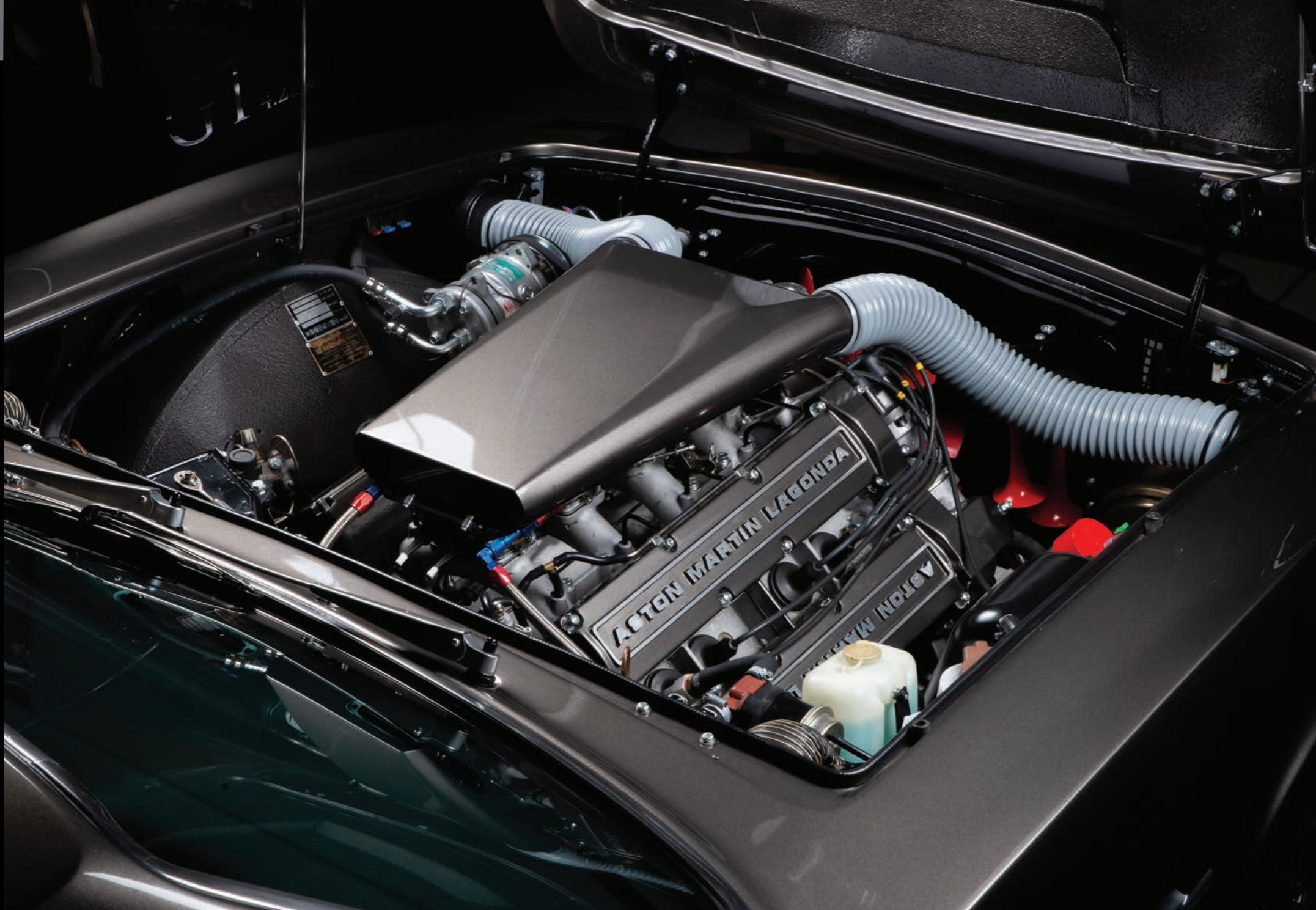
The iconic 'brute-in-a-suit' Aston Martin, the V8 represents a bygone era of power, style and grace. Born from decades of Aston Martin restoration and enhancement, our V8 Evolution 6.0 upgrade redefines what the AM V8 is in the 21st century. Thoroughly upgraded and restored to a standard far exceeding the factory specification, the V8 Evolution 6.0 is everything the Aston Martin V8 was meant to be.





THE ASTON WORKSHOP V8 EVOLUTION 6.0

THE AM
V8 REDEFINED



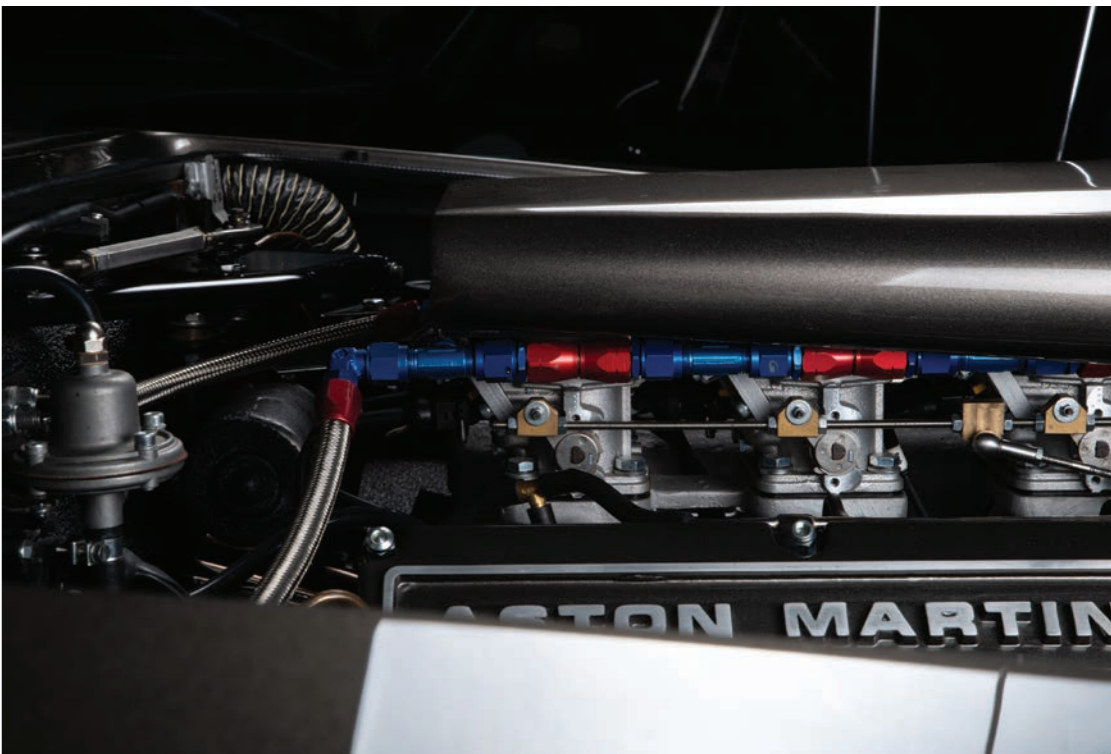
OUR ULTIMATE FUEL INJECTED V8 ENGINE

Just as the Tadek Marek V8 engine defined the AM V8, the powerplant at the heart of the V8 Evolution 6.0 is what gives our car purpose. Enlarged to 6.0 litres in capacity and fitted with a bespoke Aston Workshop-developed electronic fuel injection system, the V8 Evolution 6.0 engine represents the next natural progression in the iconic Aston Martin V8's development.

The original AM V8 engine is first stripped and cleaned in our engineering facility, allowing for detailed inspection and repairs where necessary. The engine block, now returned to a factory-fresh condition, is machined to accept oversized liners and larger, low-friction pistons. The cylinder heads are also extensively overhauled, with reworked inlet and exhaust ports for better flow.

Cooling capacity is vastly improved by the fitment of an aluminium radiator and high-flow water pump that help to keep up with the cooling demands of driving in modern traffic.

The final (and perhaps most important) ingredient that separates the V8 Evolution 6.0 engine from the rest of the pack is our in-house developed Electronic Fuel Injection system. The result of an extensive development process informed by decades of Aston Martin V8 restoration and engine building, our EFI kit is vastly superior to the originally available fuel-injection systems in terms of reliability and usability. Neatly packaged beneath the engines factory airbox, Aston Workshop EFI allows for an increase to power, torque and fuel economy while eliminating the need for regular tuning or frustrating starts on cold mornings.





MAKING THE SHIFTING TO A MODERN MANUAL GEARBOX

The AM V8 was born in the era of sluggish automatic transmissions that focused on comfort at the expense of performance and driver enjoyment. In the 21st century, we believe that refinement and ease of use can be achieved while also paying respect to the inherent sporting prowess the AM V8 has to offer.

In a world where involved driving experiences are proving harder to come by, the Aston Workshop V8 Evolution 6.0 bucks the trend.

A modern 6-speed manual transmission is standard fitment on our V8 Evolution 6.0 projects, bringing with it levels

of refinement, performance and fuel economy the original gearboxes fail to match. We chose the Tremec T56 transmission to deliver a modern driving experience in the V8 Evolution 6.0, just as Aston Martin chose the very same design when modernising their model range in the 2000s. Matching the character of the

newly uprated V8 while simultaneously improving cruising refinement and economy, our modern manual gearbox option is visually identical inside the car yet represents a generational shift in terms of spirited drivability and usability.







A CHASSIS FIT FOR THE POWER

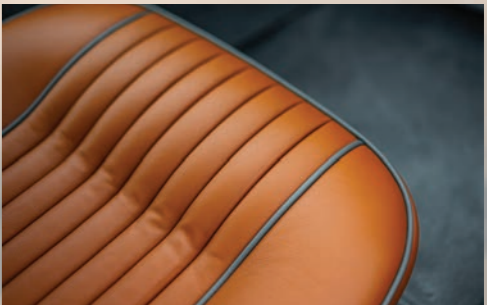
A reputation for comfort, speed and style made the AM V8 one of the iconic Grand Tourers of the 1970s and 80s. In the 2020s, the Evolution 6.0 redefines what it is to drive the Aston Martin V8. Thorough suspension, brake and chassis strength upgrades mean the V8 Evolution 6.0 goes, handles and stops far better than when it left the Aston Martin Newport Pagnell factory.

The increased power and torque produced by the Fuel-Injected 6.0L engine require strengthening to the differential cradle, and to help translate that performance to the tarmac wider, lower-profile 255 section tyres are fitted to 16-inch Ronal or 15-inch BBS wheels. Our Monte Carlo Handling Kit, already a popular upgrade for restored Aston

Martins, is fitted in Plus form on the V8 Evolution 6.0. Comprising of adjustable coilover front shock absorbers, adjustable telescopic rear shock absorbers with uprated springs, a stiffer front anti-roll bar and modern rigid mountings and bushes, the Monte Carlo Plus Handling Kit transforms the AM V8 from a relaxed around-town cruiser to a refined yet punchy 1980s supercar.

Chassis modifications are finalised by the fitment of six-piston front brake calipers gripping 295mm ventilated discs with high-performance brake pads. A thoroughly modern upgrade to the braking performance, our fast-road brake setup is required to reign in the performance of the V8 Evolution 6.0.





WHERE STYLE MEETS SUBSTANCE

As a representation of the supercars of the 1970s and 80s, the AM V8 is second to none. The origin of the 'brute-in-a-suit' design aesthetic that continues to shape Aston Martin's current model range, the strongly defined muscle-car look made the V8 the icon that it is. With subtle modifications, entirely carried out at the owner's discretion, the V8 Evolution 6.0 represents a gentle evolution in the style of the V8 while remaining totally true to its character.

A common choice made by owners when restoring their V8 to Evolution 6.0 specification is the fitment of a Vantage front air dam. Offering improved aerodynamics, the Vantage air dam serves to make the V8 front end even more imposing. Another popular option is a brace of Cibie Oscar driving lamps, as seen in period on Vantage-specification cars.



MAKING THE DRIVERS' CHOICE

As with all of Aston Workshop's special projects, the final specification is open to bespoke options and fine tuning by the owner. In terms of the final engine specification, our 6.0L EFI blueprint represents a suggestion that can be finely tailored. Larger capacities are available, as are bespoke engine modifications and specifications as per customer request.

As well as our popular 6-speed manual transmission we also offer a modern 6-speed automatic gearbox, and the final chassis specification is also open to discussion with options such as rear anti-roll bars and upgraded rear brakes available. Finally, the aesthetics of your Evolution 6.0 can represent any look you desire; blanked off grilles, wider arches and rear spoilers as seen on X-Pack V8 Vantages have been requested in the past. Ultimately, Aston Workshop aim to deliver a totally bespoke specification and would love to discuss any special requests for your car.





To enquire about any of Aston Workshop's upgrades in this brochure please call us or email us for a quotation.

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