Leading the way
with the Evolution 6.0
Aston Workshop’s Evolution 6.0 the engine

V8 Engine -

The V8 engine family lends itself to a wide range of upgrades and enhancements. 5.7 and 6.0 litre capacity upgrades are our most popular conversions, with an excellent increase in low - mid range torque, they enhance the driving experience giving prodigious acceleration. Both the 5.7 & 6.0 litre conversions utilise the original crankshaft and connecting rods.

This has an obvious cost benefit but also retains the engine’s willingness to rev freely, whilst maintaining an acceptable rate of fuel consumption to preserve the car’s excellent touring range.

For those seeking more power we can improve the breathing of the engine by further upgrading camshafts, inlet manifolds, carburettors and exhaust system to Vantage and X-pack configurations. Each engine package is tailored exactly to our client’s requirements and supplied with an industry leading 10 year guarantee.*

*Specification restrictions apply.
Aston Workshop’s Bespoke, EFI system is an accumulation of a 2 year extensive development programme. During the development period we carried out many hours of engine Dyno and rolling road testing, along with thousands of road miles to ensure reliability and refinement was achieved.

Benefits –
Eliminates the need for future tuning.
Future proofs against constantly changing fuel compositions.
Increased torque and BHP.
Better fuel economy.
Ease of starting, even after long periods of non-use.
Totally reversible.
Aston Workshop’s Gearbox choice

When Tadek Marek designed the V8 he fitted a 5 speed manual gearbox. However, at the time, the only Auto box available was a 3 speed unit. Aston Workshop now offer a 6 speed automatic gearbox that is fitted without any material modification to the car. The gearbox can be driven in full Auto mode or in “tap shift” manual mode. The immediate benefits over the 3 speed auto are 21% more power to the wheels and clean crisp shifts. The conversion works on all engine variants (Weber/EFI/Bosch) and is 100% reversible if an owner wished to revert to original specification.
The V8 models were introduced with independent front and rear suspension. An enhanced handling kit comprises of uprated springs, adjustable dampers and stiffer front anti-roll bar. Going a stage further, a rear anti-roll bar can be fitted. The front suspension is adjustable for both ride height and damping rate, depending on the individual requirements of the client. The rear dampers also are adjustable and ride height can be altered by the fitting of alternative road springs. These upgrades can significantly improve the handling of the car.
Upgraded brakes.

Originally the front brake disc size was 266mm but our kits comprise of larger 295mm vented discs and 6 pot calipers. Two kits are available depending on the type of wheels fitted. For better feel and enhanced performance flexible rubber brake hoses can be replaced with braided units.
As one of the biggest specialists dealing in Classic Aston Martins, Aston Workshop are finding an increasing demand for LHD cars and the availability of such cars is extremely small. This is not surprising bearing in mind that only some 10% of those Aston Martins manufactured up until the introduction of the DB7, were sold as original LHD cars. As a result, Aston Workshop have endeavoured to meet our clients wishes and developed LHD conversions to the highest standard. Many prospective customers may well think that changing the specification of a rare car, such as an Aston Martin, would detract from both its originality and value. This may be the case if major changes were envisaged to the appearance or if there was considerable deviation from the original in some important mechanical item, such as fitting a Jaguar engine into a DB4.

Over recent years, the demand for these LHD conversions has risen very substantially, particularly for the DB4, 5, 6 and increasingly now, the V8 models. We re-manufacture and acquire all items necessary to carry out all of the conversion, chief amongst which are the dashboards. As can be seen, the quality and original appearance is excellent and anyone contemplating a RHD to LHD conversion can rest assured that the conversion process is straightforward, taking no more than a few weeks to accomplish and that we are very experienced in carrying them out.
To enquire about any of Aston Workshop’s upgrades in this brochure please call 44(0) 1207 233 525 or Email neil@aston.co.uk for a quotation.