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DB EV!
Converting a classic
DB to emissions-free
electric power

**Pages 4-5**

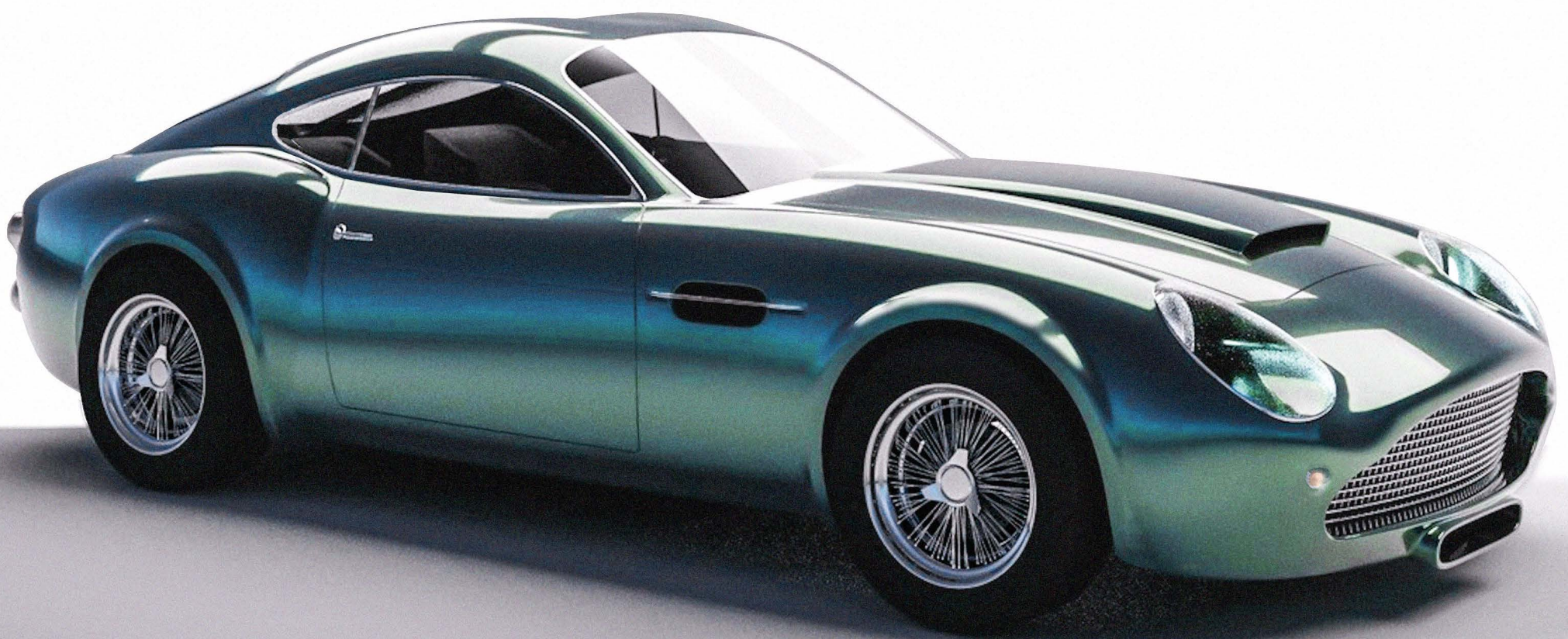
IN THE WORKSHOP
What we do, and
some of the work
currently in progress

**Page 6**

FIT FOR A KING
Built for royalty;
saved from scrap by
Aston Workshop

The Aston Workshop

Everything you need to know about the Aston Martin specialists



PRESENTING THE NEW V8 Superleggera

Based on a classic 1970s or '80s AM V8, this bespoke new creation from Aston Workshop is the spiritual successor to the DB6

THE SUPERLEGGERA V8 is an exciting new concept from Aston Workshop that combines the charismatic V8 performance of Aston Martins of the 1970s and 1980s with bespoke hand-crafted design recalling the beautiful Superleggera models of the 1960s – a gorgeous two-plus-two seater, and successor to the DB6 as conceived by our craftsmen.

Based on a genuine Aston Martin V8 donor car and fully road legal, the V8 Superleggera capitalises on Aston Workshop's capability to restore and remanufacture components on-site, and our expertise in sympathetically upgrading classic Aston Martins to achieve additional performance, enhanced dynamics and modern

usability. It also represents the next logical step from our DB4 GT Zagato recreation model (see page 7 for more details).

The Aston Workshop Superleggera V8 has been painstakingly developed over several years from initial design sketches, through both traditional clay modelling and state-of-the-art 3D computer renderings. It utilises authentic lightweight 1960s body technology, with aluminium panels hand-crafted to echo classic Aston Martin proportions.

The V8 engine is upgraded from 5.3 litres to our potent 6.0 Evolution specification, paired with either a six-speed manual or six-speed automatic transmission, with chassis

and braking systems uprated to suit. A choice of left- or right-hand drive is available.

Featuring the finest upgrades and enhancements available from our portfolio, the finished car is 100% road legal, built exactly to customer specification, supplied with a registration document certifying it as a heritage Aston Martin and carrying the famous winged badges.

The first of these beautiful examples is currently in build, offered in LHD and awaits final specification by its new owner. We are happy to transform your existing AM V8 into one of these amazing cars, or source a project car on your behalf. Please enquire for further information.

**AT A GLANCE...**

ALL NEW DESIGN
CONCEPT AVAILABLE TO
ORDER FOR DELIVERY
IN 2022

LUXURIOUS 2+2 COUPE
BUILT AROUND A
GENUINE HERITAGE
ASTON MARTIN

POWERED BY A
6.0-LITRE V8 ENGINE
DEVELOPING 430BHP

LIGHTWEIGHT
ALUMINIUM BODY AND
HIGH PERFORMANCE
CHASSIS ENGINEERING

A SPIRITUAL SUCCESSOR
TO THE DB6

ONLY 2-3 HAND-BUILT
BESPOKE EXAMPLES TO
BE BUILT EACH YEAR



Complex of workshops and showrooms stretches to 45,000 square feet. Below: the humblest of beginnings



History and heritage

From small beginnings to a world-class facility embracing the full range of skills and services

ONE OF THE FOREMOST Aston Martin specialists in the world, Aston Workshop was established over 30 years ago following founder Bob Fountain's home restoration of his personal Aston Martin DB5. Still based close to our humble beginnings in the beautiful County Durham countryside around Beamish but only a short trip from Newcastle International Airport, Aston Workshop now occupies a comprehensive 45,000 square feet premises and employs a 50-strong workforce, a number of whom were trained at Aston Martin's own Newport Pagnell headquarters. Bob remains in the driver's seat, surrounded by dedicated staff who share his passion and deep knowledge of all things Aston Martin.

Three decades of experience ensure a deep understanding of all eras of Aston Martin from pre-war classics to present-day supercars, and we are renowned for our outstanding craftsmanship, ingenious engineering solutions, highly competitive pricing and unique range of services – Aston Workshop can offer everything from complete restorations to a luxurious overnight stay in our on-site Black Horse Pub (www.Blackhorsebeamish.co.uk/)!

On-site facilities include two showrooms, one of 50 cars capacity, the other 80, comprehensive restoration workshop, trim shop, crash-repair facilities, engine build room and dyno, plus state-of-the-art spray booths. Having everything under one roof not only saves you time and money, it also ensures continuity from the start to finish of projects, as well as the most rigorous quality control.

Our equipment and skills base covers everything from traditional techniques such as the hand-rolling of body panels on English wheels to reverse engineering using CNC technology, which means even obsolete components can be faithfully recreated. If a period part is no longer suitable or desirable, Aston Workshop can even design and fabricate the necessary component from scratch.

Aston Workshop's expertise and comprehensive on-site resources have allowed us to offer fully bespoke cars, including our recreation of the Aston Martin DB4 GT Zagato, one of the most sought-after and valuable vehicles ever produced.

While dedicated to preserving originality where desirable, Aston Workshop offers a large range of sympathetic enhancements, particularly those that make your classic Aston Martin suitable for modern driving conditions and customer use while only increasing the vehicle's appeal. Discreet upgrades include engine tuning packages backed by a gold-standard ten-year warranty, six-speed automatic gearbox installations, right/left-hand-drive conversions, chassis improvements and air conditioning for tropical conditions.

With such a breadth of capability and reputation for meticulous attention to detail, it's no wonder our services are in demand worldwide, whether shipping fully restored vehicles to all corners of the globe or allowing international clients to benefit from our highly competitive rates for engine rebuilds. No job is too big or small, and the dedicated team at Aston Workshop is ready to provide a friendly welcome and keep your Aston Martin in impeccable condition.

THINGS YOU MIGHT NOT KNOW ABOUT ASTON WORKSHOP

ASTON WORKSHOP BEGAN FROM HUMBLE BEGINNINGS 33 YEARS AGO IN 1988

OWNED AND OPERATED BY THE FOUNTAIN FAMILY

THE BUSINESS BEGAN ON A FORMER SHEEP FARM AND WAS BUILT UP BY FOUNDER AND CURRENT OWNER BOB FOUNTAIN

SURROUNDED BY A WOODLAND OF TREES THAT WERE PLANTED AT THE VERY BEGINNING OF THE BUSINESS AND ARE NOW 50FT TALL

FEATURES 37 ACRES OF COUNTRYSIDE WHICH CURRENTLY HOUSE A STUNNING FINE DINING PUB AND BOUTIQUE HOTEL

WE SUPPLIED THE BODY PANELS TO PINWOOD STUDIOS FOR THE DB5 THAT FEATURED IN THE JAMES BOND FILM 'SKYFALL'



ROAD-LEGAL EV DB4, 5 & 6 IN BUILD FOR CUSTOMERS NOW

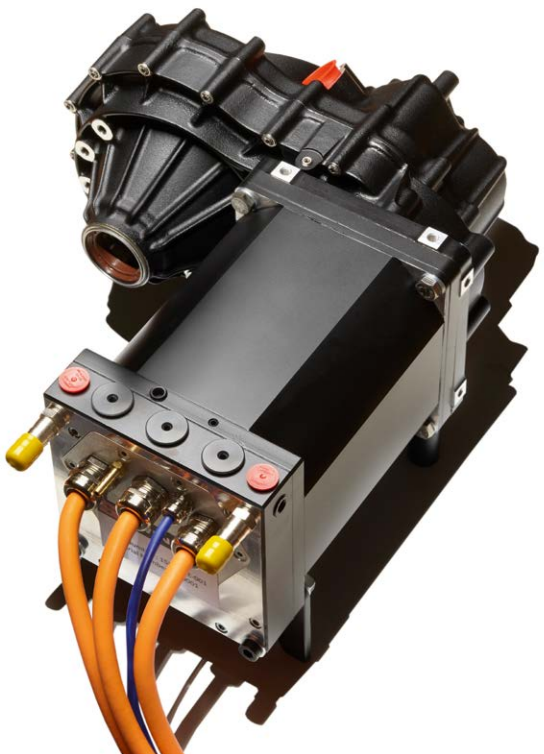
Groundbreaking DB EV conversion

A zero-emissions world first for Aston Workshop

FOLLOWING A TWO-YEAR research and development programme, Aston Workshop is preparing to deliver its first fully electric Aston Martin DB EV conversion in autumn 2021, thought to be the first such vehicle supplied anywhere in the world.

The EV conversion has been developed for DB4-DB6 classic models, and features an all-new compact electric powertrain designed to seamlessly complement the sports touring character of original models. Peak power is equivalent to a generous 328bhp, with a full charge good for around 200 miles of refined classic motoring. With weight actually slightly reduced versus the original model and the centre of gravity lower, both handling and performance benefit.

Engineered to be fully reversible and with barely discernible visual differences to the original, the zero-emissions powertrain includes a mid-mounted liquid-cooled electric motor and 60kW lithium-ion battery covered by our comprehensive 12-month warranty. A demonstrator will be available for test drives later this year.



The first customers cars are currently undergoing conversion. Please email dave@aston.co.uk for more information and availability

EV FAQs

WHICH CARS ARE ELIGIBLE FOR CONVERSION?
The DB4, DB5 and DB6 in RHD and LHD. We are also developing a kit to suit DB2, DB2/4 and DB MkIII models.

HOW MUCH DOES IT COST?
The cost of the Aston Workshop EV powertrain conversion inclusive of all standard parts and labour is £139,950 + VAT *. Optional extra pricing is available upon request. If you are a trade customer please contact us for kit only pricing.

WHAT IS THE PERFORMANCE OF THE EV CONVERTED CAR?
The mid-mounted liquid-cooled electric motor drives the rear wheels, with peak torque of 198lb ft (at the e-motor shaft) available from rest for graceful and effortless power delivery. Peak power is equivalent to 328bhp, 0-62mph is achieved in only 5.4sec and the safety-orientated 112mph top speed is available in under 15 seconds.

IS THE CONVERSION REVERSIBLE?
Yes, the highly refined conversion has been designed to ensure no irreversible modifications are made to the original chassis. An internal combustion engine can re-fitted if desired.

WHICH PARTS ARE USED?
All components are new, premium, well-proven items from leading automotive suppliers, including 60kWh lithium-ion battery; new wiring harness and ECU; high-density liquid-cooled AC motor and powertrain cooling system; onboard charger and charging port; bespoke instrumentation seamlessly integrated in period style; bespoke forward/reverse gear selector.

WHAT MAINTENANCE IS REQUIRED?
The EV powertrain is hugely reliable and requires minimal maintenance, with only an annual service for fluids, lubricants and safety inspection required. Remaining legacy parts are

served and inspected as per the original schedule.

WHAT IS THE POWERTRAIN'S LIFE EXPECTANCY?
The liquid-cooled electric AC motor has an anticipated service life in excess of 20 years of regular use. Battery cells are designed for up to 1000 charge cycles, the point at which they typically perform at 80% of original capacity. This could equate to up to 200,000 miles of driving.

HOW DOES THE CONVERSION ALTER THE CAR'S APPEARANCE?
Externally the converted cars are distinguishable only by the lack of a visible exhaust pipe and the serenity of operation. Internally bespoke gauges that directly replace originals and a modified gear shifter are the only subtle clues.

WHAT IS THE CHARGE TIME AND RANGE?
Using the 7 kW onboard charger, a complete charge from empty at home takes up to 8 hours. Depending on a range of factors including driving style, typical range is 200 miles or more.

DOES THE EV CONVERSION INCREASE THE ORIGINAL KERB WEIGHT?
No, a converted car weighs less than the original car with a full tank of fuel. Weight distribution is engineered to remain in balance; the centre of gravity is lower to the benefit of handling.

HOW LONG DOES THE CONVERSION TAKE?
Build slots are currently available for EV powertrain conversions in late 2021, with completed vehicles ready for spring 2022.

IS A DEMONSTRATOR AVAILABLE?
A fully EV converted Aston Martin DB6 saloon will be available for test drives in autumn 2021.

*Introductory price, Summer 2021, subject to donor vehicle.

Our services

In our workshops we are currently restoring a total of 20 Aston Martins



GLOBAL
SHIPPING
AVAILABLE

RESTORATION

Aston Workshop's restoration services are second to none and internationally renowned, with exceptionally high standards of craftsmanship, expert engineering capability and all necessary resources located on one site to complete the process – whether it's body restoration or reupholstering, engine rebuilds or fabricating of components from scratch, it all happens under one roof.

We pride ourselves on our ability to combine traditional techniques such as hand-rolling body panels with advanced technology such as reverse-engineering obsolete components on our CNC machines. Our 50-strong workforce loves working here, and that passion shines through in the quality of their work and a remarkably low staff turnover – the typical Aston Workshop technician has enjoyed 16 years with us, meaning every person who works on your restoration project has an average 30,000 hours of hands-on marque experience.

There are pragmatic benefits for our clients too. Aston Workshop's ability to offer all services in-house typically saves time, ensures the highest levels of consistency and quality control and our location in the affordable North East allows us to offer one of the lowest labour rates in the industry. This attracts clients not only from elsewhere in the UK, but overseas as well.

Whether it's a simple refurbishment of your weekend classic or comprehensive reconstruction of a long-neglected barn-find, we believe in a transparent process of establishing client goals and distinct guidelines early in the process.

CASE STUDY Lagonda M45

This special Lagonda was born out of Aston Workshop owner Bob Fountain's successful exploits on the Peking-to-Paris road rally, and his desire to create a vehicle perfect for similar events. The Lightweight Endurance Competition Car is the result. Based on an original 1935 rolling chassis, a new ash frame was fabricated and a new body clad in pre-war-style leather with a black mohair hood. Chassis pick-up points have been strengthened to withstand the rigours of rallies, and many of the now obsolete 86-year-old components were fabricated in-house. The engine has been rebuilt for reliability in our own facilities, and paired with a rebuilt Alvis synchromesh gearbox. This mammoth project for our multi-skilled technicians is now fast approaching completion.



CURRENT PROJECTS FOR OUR INTERNATIONAL CLIENTS

In addition to restorations for UK clients, Aston Workshop has arranged for customer cars to be shipped from overseas to be restored here. Current work includes cars from the following:

AUSTRIA – A 1935 Ulster-bodied competition replica built on a Le Mans 1½ litre chassis. Now being treated to a full repaint, suspension tuning, and handling and braking upgrades in preparation for historic rally events.

CANADA – Full body-off restoration and DB4 GT crate engine rebuild of a 1967 LHD DB6 to Mk2 specification in Silver Birch.

SINGAPORE – 1976 LHD V8, repatriated from Japan for full body-off restoration and conversion to our complete Evolution 6.0 enhancement package. Finished in Cumberland Grey with saddle tan leather interior.

NETHERLANDS – 1968 LHD DB6 Vantage enhanced with Mk2 features to customer specification.

PORTUGAL – Full engine rebuild for a DB6.

HONG KONG – Aston Workshop has enjoyed notable success in Hong Kong over the last 20 years and is well known among its classic car community. We are currently undertaking two projects from the region: a full chassis-up rebuild on an accident-damaged DBS, and a V8 Volante with six-speed manual conversion, engine rebuild and upgraded braking and chassis. It will be refinished in its original Madagascar Brown with tan leather interior.

TRUSTED TO RESTORE THE RAREST AND MOST SIGNIFICANT ASTONS

CASE STUDY Earls Court DB2 show car

This unique DB2 was displayed as a rolling chassis at the 1951 Earls Court Motor Show to show off its modern design, so it was presented with chromium-plated pedal assemblies, brake pipes and even grease nipples to show off its advanced underpinnings. Following the show the vehicle was completed in Moonbeam Grey with blue trim. The long-term owner commissioned Aston Workshop to restore this historically important vehicle while preserving its heritage. The body and chassis were separated to fully address problem areas, and the engine sent to our in-house facility for a rebuild.



CASE STUDY LHD DB6 Vantage Mk2, 1 of 9

Produced in 1970, this DB6 Mk2 is one of the last examples of the DB6 line. Left-hand drive, five-speed manual and produced with a Vantage-spec engine producing 325bhp, it is one of the rarest of all the David Brown era Aston Martins. Finished in Dubonnet Rosso with a natural trim interior, it was discovered by

Aston Workshop owner Bob Fountain as a burnt-out shell in late 2013. However, the original chassis, suspension, engine and axle were still with the vehicle, and in 2018 a customer requested a full restoration with a 4.2-litre engine upgrade, California Sage bodywork and contrasting green interior.

RHD TO LHD CONVERSIONS

With only 10 per cent of Aston Martins produced prior to the DB7 manufactured in left-hand drive, Aston Workshop is happy to meet demand for right/left-hand drive conversions upon customer request. The work is carried out on-site to the very highest standards, and we manufacture or acquire all the necessary components, including the hand-crafted dashboards. The result is a flawless production-correct appearance to match or exceed that of an original LHD Aston Martin. Demand is such in the larger left-hand-drive markets that vehicle values can actually increase, at the very least covering the cost of the work. Conversions from left- to right-hand drive are also available.

BODY REPAIR CENTRE

Aston Workshop's comprehensive on-site facilities include a state-of-the-art paint and body repair centre. Certified to Category A crash-repair status, we offer everything from minor stone chip repairs and the removal of surface corrosion right through to major rebuilds after serious crash damage or reconstruction after prolonged periods of deterioration. Naturally we are as skilled working on a pre-war classic as we are the most advanced modern supercars.

Our resources include a panel shop, with dedicated Category A quality booths for aluminium and steel fabrication, as well as for panel repairs and restoration. Our jigs ensure perfect chassis alignment and consistency during reconstruction, while panel-shaping tools ensure the exact fit for hand-built classics.

Aston Workshop has also invested in advanced paint booth and paint preparation facilities, and we use a modern water-based paint system and state-of-the-art oven for the perfect



results. Our highly skilled technicians combine this advanced technology with traditional hand blocking and polishing to achieve a true mirror-like finish.

Of equal importance is our dedication to the pre-paint preparation process – rather than relying on filler to rectify imperfections, we are meticulous in ensuring all bodywork is truly flat and straight before any paint is

applied. It's this attention to detail that distinguishes the best hand-finished Aston Martins from all others and is a hallmark of Aston Workshop.

We also offer a full anti-corrosion treatment. With every panel we fit being painstakingly wax-protected inside and under-sealed on the outside, your pride and joy should remain entirely corrosion free for many years to come.



CASE STUDY DB5

Aston Workshop has the capability to create each customer's 'Ultimate DB5' and regularly undertakes speculative builds to the point where important customisations can be made. This gives the benefit of a reduced lead time for a bespoke car built on the foundations of our preparatory restoration work. This DB5 is one such example, and awaits its new owner's choices of bespoke body, trim and paint combination, engine specification, chassis and brake upgrades, perhaps air conditioning to tropicalisation specification, and the all-important left- or right-hand-drive configuration.

WHAT MAKES ASTON WORKSHOP PAINT SO SPECIAL?

Aston Workshop founder Bob Fountain is incredibly proud of the quality of our paintwork. 'Many companies can spray paint a heritage Aston Martin body,' he says, 'however it's painstaking preparation that's key to world class paint.' That's why Aston Workshop's technicians typically lavish 300 person hours painting each car, with 90 per cent of that time devoted to hand preparation of the body. On modern cars that require refinishing works or accident repair, we are proud of the skills we have developed to painstakingly match and harmoniously blend areas with the original car.



‘The original Vignale hand-worked aluminium bodywork was also found to be in remarkably good condition beneath its tired paintwork’

most robust corrosion protection. The original Vignale hand-worked aluminium bodywork was also found to be in remarkably good condition beneath its tired paintwork, and was taken to bare metal by Aston Workshop's craftsmen and reworked to remove imperfections, then repainted in the original Peacock Blue with Silver Birch roof, using two coats of paint followed by two coats of clear lacquer for a deep, lustrous finish.

While largely missing, the interior has been faithfully recreated by Aston Workshop's skilled craftsmen from period photographs. Ribbed leather seats in sumptuous fawn leather are complemented by an instrument panel and upper door panels finished in the Peacock Blue exterior colour. The steering wheel's thin wooden rim frames a trio of metal-ringed Smiths dials, and chromed inserts and switchgear add to a suitably restrained if sophisticated atmosphere.

With the original engine and rear axle missing, Aston Workshop sourced a period-correct Salisbury axle, and assembled an all-new straight-six engine in its dedicated engine build facility. Common period faults such as oil leaks were engineered out of the equation, while careful enhancements were included, including fast-road camshafts, an uprated oil pump, larger diameter oil galleries, electronic ignition distributor and a geared-type starter motor.

With the original steering box and column benefiting from discreet electrical power assistance, the suspension completely overhauled and new partially chromed alloy wheels fabricated in-house, the one-off DB2/4 Vignale is now once again fit for a king.

The complete chassis was then primed, undercoated and powder-coated in satin-finish black for the

to the US with Toth, who damaged both the original engine and a replacement before selling LML/802 in non-running condition to an army captain.

Eventually this one-off Vignale-bodied Aston was offered to Aston Workshop as a restoration project. Although in a state of neglect and fitted with a Pontiac engine and rear axle, the DB2/4 Vignale retained its original Vignale aluminium panels, chassis, suspension, bumpers, grille, light clusters and much of its superb original detailing.

Stripped to its constituent parts, the DB2/4 Vignale's original tubular chassis was secured to Aston Workshop's jig, bead-blasted and found to be in good order, with only a small amount of new metal required. However, fillet sections, floor panels, rear wheel arches, B-posts and sections of the front bulkhead required more attention and were expertly repaired or replaced as required. New hand-formed ash also replaced original timber sections.

The unique DB2/4 was delivered to King Baudouin on 10 March 1955. After owning the car for several years, he sold LML/802 to palace aide TR Mottershead in the late 1950s, and it was kept in Moselle, France, before being purchased in the early 1960s by James Toth, an American soldier serving with NATO in Paris. The DB2/4 Vignale returned

straight-six engine and a 3.73:1 ratio rear axle for relaxed long-distance touring. Vignale craftsmen created a new fastback body from hand-shaped aluminium with a large rear hatch glazed with Perspex, a wraparound windscreen and typically elegant interior featuring fawn leather, body-colour dashboard architecture and sophisticated chrome detailing.

The rolling chassis, number LML/802, was delivered to Carrozzeria Alfredo Vignale in Turin complete with the later 2.9-litre LB6

DB2/4 Vignale

Built for a king, and saved from obscurity by Aston Workshop, this one-off Aston has been restored to its full former glory

ASTON WORKSHOP has recently completed the restoration of a one-off Aston DB2/4 Vignale once owned by King Baudouin of Belgium to its meticulously high standards. Originally commissioned by the Belgian monarch, the beautiful 1954 Aston Martin was crafted by Turin-based coachbuilder Carrozzeria Alfredo Vignale but had latterly languished in a state of disrepair in the US. Determined this historically significant vehicle should be saved, Aston Workshop shipped the DB2/4 Vignale to the UK.

‘The DB2/4 Vignale represents an incredibly significant piece of both Aston Martin and Vignale's history, and we felt a responsibility to return it to its former glory,’ explains Aston

Workshop founder Bob Fountain. ‘The restoration was at times extremely challenging, but our highly skilled craftsmen routinely tackle similar projects and I’m very proud of what they’ve achieved.’

Approximately 1200 DB2s of all variants were produced, making every example highly collectible, but none more so than the 12 left-hand drive DB2/4 rolling chassis delivered in period to Italian and Swiss coachbuilders. Vignale of Turin received two such chassis, with King Baudouin's presumed the sole survivor.

The rolling chassis, number LML/802, was delivered to Carrozzeria Alfredo Vignale in Turin complete with the later 2.9-litre LB6



Zagato recreation

Aston Workshop's DB4 GT Zagato recreation has all the style and flair of the original but built to exacting modern standards

THE ASTON MARTIN DB4 GT Zagato is one of the most collectible sports cars ever produced, and now Aston Workshop is proud to offer an exact road-legal recreation of this breathtakingly beautiful 1960s icon.

Built exclusively to order on the proven foundations of an existing Aston Martin DB4 in left- or right-hand drive, and with a dedication to absolute accuracy, quality and integrity, the Aston Workshop DB4 GT Zagato recreation is tailored to bespoke customer requirements in a fitting tribute to the originals.

Just like the production car, the build process begins with a rebuilt DB4 chassis fabricated to DB4 GT dimensions, meaning the wheelbase is some 127mm (five inches) shorter

than standard at 2362mm (93 inches). All remedial work required by the donor car is tackled at this initial stage, and all upper sections of the chassis fabricated from scratch to lay correct foundations for the Zagato body.

The beautifully crafted bodyshell is hand-formed in lightweight aluminium around the chassis to be perfectly faithful to the flowing lines of the original. Special requests can be incorporated, including the iconic ‘double-bubble’ roof offered in period to allow taller drivers to wear helmets in comfort, or adjustments to the wheel arches to ensure wider wheels and tyres fit perfectly.

The interior benefits from the same attention to detail. Elegant,

minimalist and above all sportingly purposeful, it makes for the perfect complement to the DB4 GT Zagato's restrained yet spellbinding exterior design and is, naturally, finished to the bespoke requests of each individual client. Every detail is correct, from the toggle switches and additional Smiths instruments unique to Zagato models, to bespoke door handles milled from a single billet



of aluminium and the rouched door pockets.

Aston Workshop offers a choice of engine capacities, ranging from the original-specification 3.7 through to 4.7 litres for ultimate performance. In our experience the 4.2-litre conversion provides an ideal balance of power and driveability perfectly suited to our DB4 GT Zagato recreation's grand-touring character, faithfully mirroring the specification chosen by Aston Martin for the six ‘Sanction’ cars produced in the 1990s.

Aston Martin DB4 GT Zagatos were renowned for their sweetly balanced handling, so our suspension and braking system remains faithful to the original DB4 GT Zagato. However, as with the entire build, Aston Workshop can tailor the

suspension to your dream specification, with a selection of spring and damper combinations designed to complement your intended use. Our proven upgrade of modern telescopic dampers in place of the now obsolete lever-arm damper technology for the rear axle is available for more precise handling as well as enhanced ride comfort and safety.

Staying true to the original design but recreated using state of the art materials, processes and machinery, this superb motor car offers a driving experience that significantly betters the renowned factory cars produced by Aston Martin and Zagato. This is the Aston Martin DB4 GT Zagato recreated for the modern era and proof that you really can improve on perfection.

Evolution 6.0

Upgrade package releases the full potential of the classic Aston Martin V8 models

ASTON WORKSHOP IS delighted to offer its Evolution 6.0 package for the Aston Martin DBS V8 and AM V8. A complementary portfolio of upgrades encompassing powertrain and chassis components, Evolution 6.0 is informed by Aston Workshop's decades of experience restoring and unlocking the true potential of these exceptional sporting grand tourers.

A thoroughly re-engineered V8 engine conversion lies at the heart of Evolution 6.0, enlarged from the standard 5.3 litres to 6.0 litres, assembled in our on-site engine room, and available in two main states of tune. When equipped with four Vantage-specification 48 IDF Weber carburettors, Evolution 6.0 engines deliver a nominal 380bhp plus a 20 per cent increase in torque, spread generously from 1500 to 5000rpm – that's a sizeable uplift from the 320bhp and 250-260lb ft

typical of a factory-spec V8.

X-pack takes things a stage further, with a slightly increased compression ratio and uprated camshafts. The result is a nominal 460-470bhp, with an additional 20 per cent torque from 1500 to 5000rpm. This is our ultimate state-of-tune for a fast-road specification V8, and delivers phenomenal energy during spirited driving, without compromising driveability and refinement at a more leisurely pace. Electronic fuel injection is also available, packaged neatly beneath an original airbox for a period-correct appearance.

Evolution 6.0 upgrades extend to transmission, chassis and braking enhancements, including the option of a modern six-speed automatic transmission. Together, these improvements build on the original character of the AM V8 models while ensuring they are vastly more capable

‘Together, these improvements build on the original character of the AM V8s while ensuring they are vastly more capable’

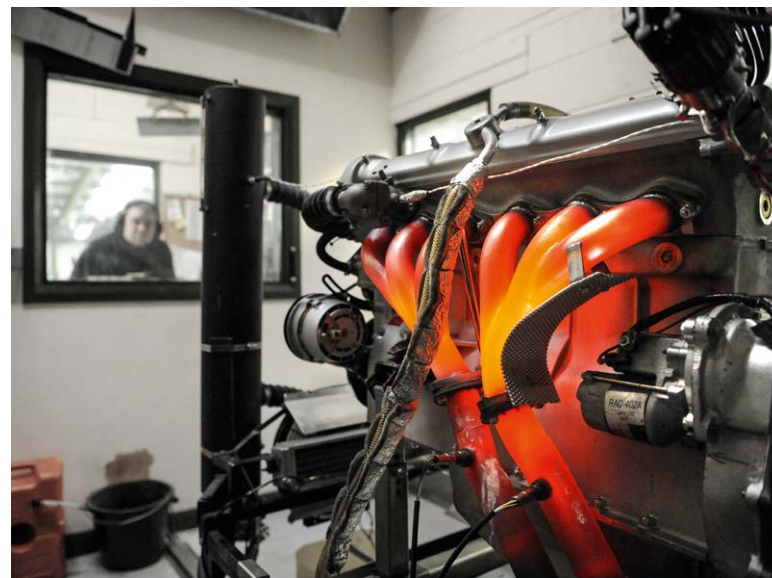
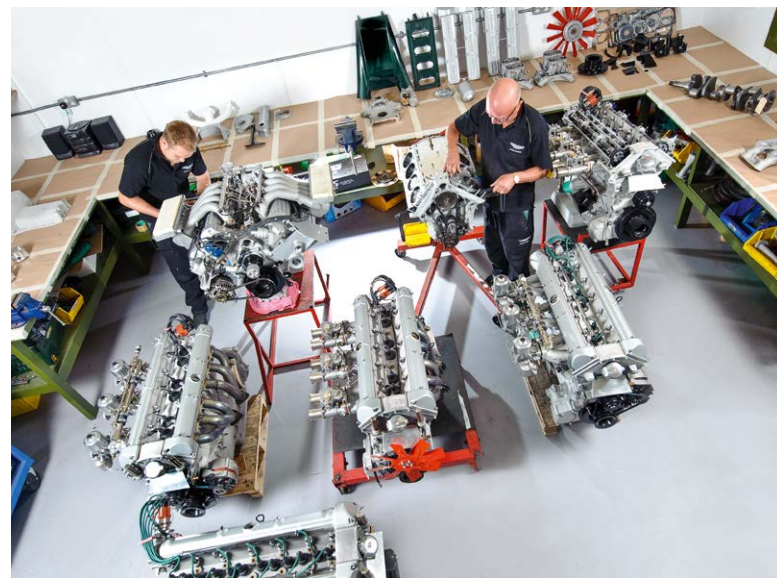
in every regard. The result is far greater levels of performance with a corresponding uplift in vehicle dynamics, safety and reliability to suit the demands of modern driving conditions.

This is not a one-size-fits-all programme of upgrades, rather Evolution 6.0 provides a framework within which each customer can order their dream specification. Contact Aston Workshop to discuss creating your dream Aston Martin AM V8 today.



Enginology

The science of rebuilding classic Aston engines with modern know-how



ENGINOLOGY IS THE TERM coined by Aston Workshops' specialist engineers to describe our longstanding product development programme, which blends modern technology with the traditional hand-built engines of heritage Aston Martins. Our expertise spans pre-war cars to the DB9/DBS era V12s, and our six-cylinder rebuilds are offered with an industry-leading ten-year guarantee.

All engine rebuilds are carried out on-site in our dedicated engine build

facilities. This includes initial strip-down and inspection through to re-engineering, precision machining work, final assembly and dyno testing. Our engine crate service allows us to dispatch fully rebuilt engines worldwide.

Aston Workshop caters for everything from a standard overhaul to a comprehensive range of engine upgrade packages, notably for the Tadek Marek-engineered straight-six engines of the DB4/5/6 era and the V8 line-up introduced with the 1969

DBS. All offer significant uplifts in power, with additional torque spread evenly throughout the rev range to enhance drivability.

The six can be increased in stages from 3.7- through 3.9-, 4.2- and 4.7-litre capacities. We are the only marque specialist to manufacture six-cylinder engine blocks in-house, using specialist tooling unique to us, and we have re-engineered the six-cylinder crankshaft to eliminate the weakness of the original.

The V8's original 5304cc capacity

can be raised to 5.7 or 6.0 litres in the case of our famed Evolution 6.0 upgrade, with the option of electronic fuel injection. Evolution 6.0 can give up to 470bhp while retaining impeccable low-speed manners.

Once fully assembled, all engines are run-in and tested on Aston Workshop's own dynamometer test cell to ensure everything is running as intended, all performance targets have been achieved and the engine will provide many years of trouble-free motoring.

ENGINE SERVICES AND FACILITIES

CRATE ENGINE SERVICE

ENGINE REBUILDING WITH MARKET LEADING WARRANTY

BESPOKE ENGINE BUILDING AND MODIFICATION TO CONCOURS AND COMPETITION STANDARD

AM V8 EFI CONVERSIONS

DB9/DBS V12 ENGINE REBUILD SERVICE

UNLEADED CYLINDER HEAD CONVERSIONS (WITH TEN-YEAR GUARANTEE)

DB2 COMPETITION ENGINE BUILDING & TRIPLE CARB CONVERSION

CYLINDER MACHINING, BORING & HONING, DYNO TESTING & TUNING

FURTHERMORE, ASTON WORKSHOP OFFERS A RANGE OF ENGINE UPGRADE PACKAGES WHICH INCLUDE:

SIX-CYLINDER CAPACITY UPGRADES TO 3.7L, 3.9L, 4.2L & 4.7L AND V8 CAPACITY UPGRADES TO 5.7L AND 6.0L

Gold standard ten-year warranty on our six-cylinder engine rebuilds

Enhancement services

From modern transmissions to electric power steering, ways to enhance your Aston

ASTON WORKSHOP offers a comprehensive programme of sympathetic enhancements to realise improved usability, reliability and performance from your Aston Martin. Our in-house, fully warranted engine packages include upgrading straight-six engines from 3.7 to 4.7 litres, and the 5.3-litre V8-litre engine to 6.3 litres (see Enginology section for more). Transmission upgrades range from converting DB2 and MkIII models to modern five-speed manual gearboxes, to equipping earlier V8 models with modern six-speed automatic gearboxes, improving the driving experience while retaining a period-correct appearance.

Suspension and brake packages are also available to improve roadholding and handling without degrading Aston Martin's famed comfort – we can tailor spring and damper rates and anti-roll bar stiffness to individual requirements, and upgrade older models with later Aston production brake systems or AP Racing systems. Replacing the now obsolete rear lever-arm dampers with modern telescopic units is a particularly popular conversion.

Enhancements that subtly update classic Aston Martin vehicles with today's most desirable convenience features include twin-zone climate control, electric power steering, modern audio and communication systems in the style of original equipment, security and tracker features, as well as remote central locking.

Right/left-hand-drive conversions are also available, and are frequently a consideration for those in left-hand-drive markets given that only 10 per cent of Aston Martins produced prior to the DB7 were manufactured in left-hand drive.



MAKING IT FOR THE FUTURE...



3D modelling and more

Over the long history of Aston Workshop, significant customer demand for rare and even obsolete parts has led to designing, engineering and manufacturing these components on site. We have invested substantially in state-of-the-art 3D modelling, reverse engineering, CAD/CAM CNC machinery plus staff and training over recent years. Parts are also uprated to engineer-out inherent weaknesses – our six-cylinder crankshaft being a case in point. This ensures that there will

be a plentiful future supply of reliable, well-engineered components for these historic vehicles for many years to come, helping to preserve the usability of these vehicles for future generations. The class-leading machinery can produce both small components in bulk and larger complex items such as engine blocks and cylinder heads. If you're struggling to track down that elusive part for your project, why not drop Aston Workshop a line?

Cast in a new light

Aston Workshop not only rebuilds engines on-site, it also has the capability to manufacture straight-six-cylinder cast-aluminium engine blocks from raw castings, making us the only marque specialist to do so in-house. Our engineers have even improved on the original Tadek Marek-designed units, by removing some of the inherent weaknesses to ensure many years of trouble-free enjoyment. For more information or to discuss your project requirements please email astonworkshop@aston.co.uk or call 01207 233 525.



Used and reconditioned engines and transmissions available for sale:
email kevin@aston.co.uk or call on +44 (0) 1207 233 525

Parts on tap

Huge stock, fast delivery and international shipping

ASTON WORKSHOP always keeps a ready supply of spare parts on-site, ready to fit Aston Martins of all eras. In fact, with typically £500,000 of inventory stored in our warehouse, it's highly likely we have more parts in stock at any one time than any other Aston Martin specialist. This helps reduce lead times during routine servicing and restoration, meaning you can get back to enjoying your car as quickly as possible. Should any parts not already be in stock, they can be quickly ordered.

Aston Workshop uses genuine Aston Martin OEM parts wherever possible, and carries a comprehensive stock of used original items. When an OEM part is not available or can be improved upon, we specialise in remanufacturing original items. We also pride ourselves in offering a range

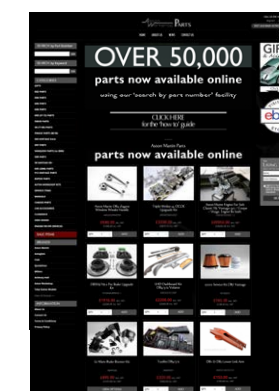
of high-performance upgraded parts. These bespoke components are manufactured on-site with our engineering facilities using 3D scanning technology and state-of-the-art CNC milling machinery.

Our parts can of course be delivered nationwide, but also shipped to the vast majority of destinations worldwide, allowing overseas clients to benefit from Aston Workshop's competitive prices and fastidious quality control.

Search our database of over 50,000 parts online at aston.co.uk/parts.html to discover more.

Find everything you need with our online directory of over 50,000 parts.

Used and rare parts also available: email matt@aston.co.uk or call 01207 233 525



UPGRADE KITS



AIR CONDITIONING
Choose our subtly integrated air-conditioning. Tropicalisation kits are perfect for hotter climates



BRAKE UPGRADES
We can fit later Aston parts to older models, or big-brake upgrades for ultimate stopping power



LHD DASHBOARDS
Convert a right-hand drive model to left-hand drive with these kits that match or exceed factory quality



SUSPENSION UPGRADES
Enhance your Aston's handling while preserving its famed long-distance comfort



ELECTRIC POWER STEERING
Seamlessly integrated, our EPAS conversions make your Aston so much more useable



DBS/V8 6-PISTON BRAKES
Match the muscle of the V8 models with this incredibly powerful six-piston brake upgrade kit

Car sales

Over 30 cars available in our showroom with global shipping available.
See our website for latest stock: <http://aston.co.uk/cars-for-sale>



1952 ASTON MARTIN DB2 FIA APPROVED £299,950



1965 ASTON MARTIN DB5 POA



1978 ASTON MARTIN V8. SERIES 3 £119,990



With more than 30 years' experience specialising in the marque, an international client base and over 30 Aston Martins offered for sale at any one moment, Aston Workshop is a trusted name to depend on when buying or selling your Aston Martin.

We charge no fees; sales are made only in line with the seller's agreed price, and we are experts in consigning vehicles internationally. And while Aston Workshop offers all eras of Aston Martin for sale, we deal only with the very finest examples, all of which are meticulously inspected and prepared in-house.

Few specialists go as far to make the buying and selling process more convenient or more reassuring.

CAR FINDER SERVICE

Potential buyers are invited to register their interest for specific models via Aston Workshop's online car-finder system. You can specify vehicle model, left- or right-hand drive and body style, or simply receive details on all our cars. It is simple to unsubscribe at any time.

CARS WANTED

Due to consistently high demand, we are currently looking for Aston Martin DB9s, V8 Vantages, DBS models and all post-2007 Aston Martins. We have customers ready and waiting with specific requirements.



MEET THE TEAM

With 37 years' experience, sales manager Alex Henderson has previously enjoyed comparable roles at Aston Martin Newcastle, plus Mercedes-Benz, Vaux, Audi and BMW. The Chester-le-Street native has sold some of the rarest and most luxurious Aston Martins ever produced during his time with Aston Workshop, and remains dedicated to customer satisfaction. Alex is also devoted to his wife, two children and grandchildren – and wakes up at 5am to walk his Cairn Terriers!



Servicing

State-of-the-art servicing facilities and genuine AM parts for Astons of all ages

ASTON WORKSHOP has serviced and maintained classic Aston Martins since we were first established in 1988 and we continue to provide a cost-effective and expert alternative not only to main dealers but other Aston Martin specialists too. Such is our meticulous attention to detail, an Aston Workshop stamp in your service record also represents a hallmark of reassurance for future buyers when the time comes to sell.

More than anything, our reputation is built on providing a service our valued clients can trust, one that prides itself on being entirely transparent. It's why we list all servicing costs in detail at aston.co.uk/servicing.html.

Our experienced technicians, sophisticated diagnostic equipment and expansive parts department mean we know exactly what your cherished Aston Martin requires, and we will usually have any necessary parts in stock.

But while parts will naturally be replaced if required, this is not done without considering alternative approaches – we aim to use the comprehensive engineering resources on-site to offer cost-effective and more pragmatic solutions wherever possible.

We aim to make your service booking as convenient as possible. A nationwide delivery and collection service is available upon request, sometimes at no cost depending on your location, and we can supply a courtesy car to keep you on the road. But why not treat yourself with a relaxed stay at our on-site Black Horse pub, book a tour of our facilities, then head out to explore the rolling County Durham countryside on our doorstep?



Transportation

Aston Workshop is excited to announce a new flagship addition to our fleet of transporters: a Mercedes-Benz Atego with two-car capability. Our fully equipped fleet can transport vehicles door-to-door nationwide, and we are also experienced at transporting cars to your doorstep worldwide. In all cases, your Aston Martin will be fully insured. No matter where you are, we can deliver your dream car to your door with our typically high standards and attention to detail.

CUSTOMER REVIEWS

'Must say Neil, who showed us around, was a wonderful example of kindness and service. Nothing was any bother, first class! Well done.'
MR M TWIZZELL

'Issue with TPMS meant that the MoT couldn't be done. Dan did an excellent job of working out how we could get home and delivered the car later in the week. Excellent service as usual.'
MR D SILLITO

'Excellent and assured service from Dan and Neil as ever!!'
MR G MCDARBY

'Accommodating, helpful and friendly service at the expected cost.'
MR R TOWLER



USE
PROMO
CODE 007
& SAVE!

Service & stay

TURN AN Aston Martin service appointment for your classic car into a luxurious short hotel break and explore Durham, Northumberland and the stunning North East coastline, from only £99*

So while we ensure your treasured Aston Martin is ready to be enjoyed, you can sample the fascinating history and breath-taking landscape on our doorstep, and all from the comfort of our Old Red Row luxury boutique hotel accommodation. Situated just a short walk from the Aston Workshop, our hotel is complemented by our beautiful 300-year-old gastropub, the Black Horse Beamish, with a restaurant that offers some of the finest dining in the area.

Our base in the North East countryside is only half a mile from the world-famous Beamish Open Air Museum and is also within easy driving distance of some great countryside and coastal driving roads.

** Special offer available to all Aston Martin customers using discount code 007. Room and breakfast £99 per night for two people midweek (£149 weekends). Book now to avoid disappointment. Either book online at blackhorsebeamish.co.uk or call 01207 232 569. Excludes cost of servicing. Offer and dates subject to availability.*

Fixed Price Servicing available: visit astonworkshop@aston.co.uk
Nationwide collection and delivery available: call 01207 233 525 to book

Industry Experts

With over 30 cars for sale at any one time, Aston Workshop is considered one of the largest Aston Martin dealers in the country. With a collective experience of over 400 years, the Aston Workshop team prides itself on leading the way in selling, buying, and restoring vehicles from the British brand.

Professional Marketing

We provide a multitude of marketing opportunities including a professional listing on our site and in a selection of globally recognised modern and classic car third-party sites. Each car features in a monthly email marketing campaign as well as being photographed expertly to stand out from the crowd.

Transport with Peace of Mind

Our dedicated Aston Transport division prides itself on making the selling and buying process as stress-free and safe as possible. With one simple phone call to our team, we can have your vehicle collected, transported, and insured from A to B.

Private Customer Database

With over 30 years of experience, Aston Workshop has an eclectic range of customers from all over the world. These customers are passionate and knowledgeable about the Aston Martin range and always looking to buy a modern or classic Aston.

No Fees

At Aston Workshop there are no fees involved with selling your car and a sale is only made in contingency with your agreed price.

Warranty

We provide a no-obligation warranty with your vehicle to help achieve the sale and we are dedicated to making the buying process as smooth as possible.

Complimentary Pre-Sale Inspection

Before any Aston Martin is sold from Aston Workshop, we will offer a complimentary pre-sale inspection. This ensures the Astons are showroom ready and correctly optimised to meet the customer's demands.

Finance

For people buying an Aston Martin from Aston Workshop, they have the ability to utilise the finance packages we have available. This increases the potential audience that can buy your vehicle, aiding in a faster time to sell.



SAT 3 JULY,
TICKETS £10

AN ASTON
FROM EVERY
ERA ON SHOW
FOR 2021

Great North Classic Car Show

Aston Workshop to host must-see event again for 2021

ASTON WORKSHOP is thrilled to announce the return of its Great North Classic Car Show for 2021. Hosted on Saturday 3 July at Aston Workshop and with tickets costing only £10, the Great North Classic Car Show will bring together some of the most exciting and exotic cars ever produced. Aston Martin is naturally a focal point for this gathering, but this show is also your opportunity to get up close with some of the world's most beautiful classic and exotic cars from other marques too, including

Lamborghini, Ferrari, Jaguar, Rolls-Royce, Bentley and Porsche. Set in the heart of our beautiful County Durham countryside, this is sure to be a petrolhead's dream day out.

The Great North Classic Car Show has proved extremely popular in previous years, and due to its resounding success we expect even higher demand as it returns for 2021 – book early online to avoid disappointment!

For more information and to book tickets, please visit: www.greatnorthclassiccarshow.com

SATURDAY 3 JULY,
TICKETS JUST £10!

HELD AT ASTON WORKSHOP IN
THE ROLLING COUNTY DURHAM
COUNTRYSIDE

EXOTIC CLASSIC CARS FROM THE
MOST PRESTIGIOUS MAKES ON
DISPLAY

UNMISSABLE CHANCE TO SEE AN
ASTON MARTIN FROM EVERY ERA
UP CLOSE

BOOK TICKETS NOW AT
[WWW.GREATNORTHCLASSICCAR
SHOW.COM](http://WWW.GREATNORTHCLASSICCARSHOW.COM)

For more information or to exhibit your Aston Martin with us
please email astonworkshop@aston.co.uk



Special gifts for the Aston enthusiast

Aston Gifts has an exciting array of bespoke gifts perfect for the passionate Aston Martin owner



Rare DB5/DB6 Engine Block Coffee Table | DB5/6 Wheelspinner
Paper Weight | Sterling Silver DB5 Keyring | Framed DB6 Badge |
Aston Martin Rhodium Plated DB9 Cufflinks | Bespoke Aston
Workshop furniture, made to order



IF YOU WOULD LIKE TO BROWSE OUR GIFTS OR SPEAK TO A MEMBER
OF THE ASTON WORKSHOP TEAM PLEASE VISIT: WWW.ASTONPARTS.COM

PORTFOLIO OF DREAMS

Encompassing 634 engrossing pages and with a foreword by Sir Stirling Moss, The Portfolio of Dreams celebrates every Aston from the A3 of 1921 to the current DB11 with gorgeous photography. It is on sale now for £149.95.



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