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EV Project Update, our "zero tailpipe emission" dreams for the DB4/5/6 become reality

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DB4 GT Zagato recreation, still the ultimate bespoke heritage Aston Martin?

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Meet the Team, our dedicated enthusiasts working with Aston Martins of all eras

# The Aston Workshop

Everything you need to know about the Aston Martin specialists. Established 1988.

INTERNATIONAL RECOGNITION

SEE PAGE 19



## Astons of the North

Supporting the Aston Martin Enthusiast Community for over 30 years

PROUD TO BE BASED IN  
COUNTY DURHAM



**FULL NATIONAL & INTERNATIONAL  
TRANSPORT SERVICE OPERATING DAILY**

Welcome to another edition of "The Aston Workshop", our annual insight into our intriguing world of building, restoring, owning and driving Aston Martins.

In a modern world ever complicated by politics, spiralling costs and climate change it is easy to become distracted from the simple pleasures historically enjoyed by the motoring enthusiast. Every week our team in the North East of England produce a little antidote to this ongoing problem.

Whether a first time Aston owner, an occasional tinkerer, a seasoned collector or a lifelong racer, we hope to bring a little of it your way. Over the next 20 pages let us remind you of the simple ownership pleasure, the charming theatre and the thrill of driving a beautifully engineered piece of British craftsmanship on your favourite road....

Bob Fountain,  
Founder, Aston Workshop Ltd



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ASTON WORKSHOP | ASTON MARTIN SPECIALISTS  
SALES / RESTORATION / SERVICING / ENGINEERING / SPECIAL PROJECTS / PARTS

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# EV project update

For more information about our EV project visit [aston.co.uk/ev-conversion](http://aston.co.uk/ev-conversion) or scan the QR code



## All charged up

The past year of product development in the Aston Workshop EV team has been unprecedented, with the very first zero tail pipe emission Astons ever produced taking to the road for testing and passing into the hands of the very first private collectors.

To date our EV conversion has been developed for DB4, DB5 and DB6 classic models. It 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. Engineered to be fully reversible and with barely discernible visual differences to the original, the zero-emissions powertrain includes a mid-mounted motor and liquid-cooled 60kW lithium ion battery covered by our comprehensive 12-month warranty.

Additional rapid charging options have been added to the options list meaning that a converted car is a reliable, convenient and incredibly iconic option for regular travel.

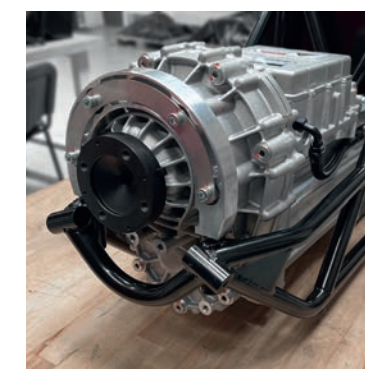
The next phase of development will see the technology roll out for a small number of other heritage models and the technology being presented to the market in kit form for international trade customers.



### DID YOU KNOW...

#### 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.



# Our history

## Mighty oaks from little acorns grow

Over 30 years ago the tiny hamlet of Red Row Beamish became the unlikely home of Aston Martin restoration in the North. In the outbuildings surrounding his stone farmhouse, Aston Workshop founder Bob Fountain's home restoration of his personal DB5 was the first stage in a decades long obsession with all things Aston Martin. Fuelled by his early successes, Bob's ambitious nature and love of building projects soon meant that more space was being constructed nearby in order to work on more cars simultaneously and employ more staff with the specialist skills needed to pursue the very best engineering and restoration solutions for his growing customer base.

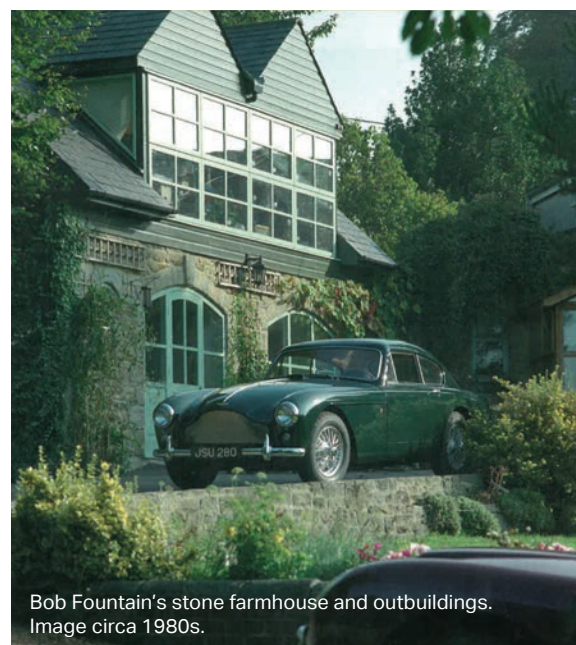
Nowadays, on a former sheep field to the east of the farmhouse, Aston Workshop has progressively extended that first new build workshop and now occupies a comprehensive 45,000 square feet facility on its 37 acre site. The business employs a 44-strong workforce with an incredibly diverse range of skills, 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 enthusiasm. 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 and unique range of services – Aston Workshop can offer everything from complete restorations of vintage, classic and heritage cars to servicing and diagnostics of the very latest models by our factory trained technicians. Thanks to Bob's purchase of the 300 year old local pub decades ago we can even offer luxurious accommodation to our visitors in our on-site pub/restaurant venue and 19 room hotel, The Black Horse Beamish ([www.blackhorsebeamish.co.uk](http://www.blackhorsebeamish.co.uk))

Aston Workshop's on-site facilities have grown to include two showrooms with 130 car capacity, service bays, comprehensive restoration workshop, trim shop, body shop, engine assembly room and dyno, plus state-of-the-art spray booths. Having everything under one roof ensures continuity from the start to finish of projects, as well as the most rigorous quality control.

After such a long time in the Beamish countryside, just a stones throw from its world famous open air museum, it is hard to imagine the local area without the daily sight and sound of Aston Martins on its winding country lanes.

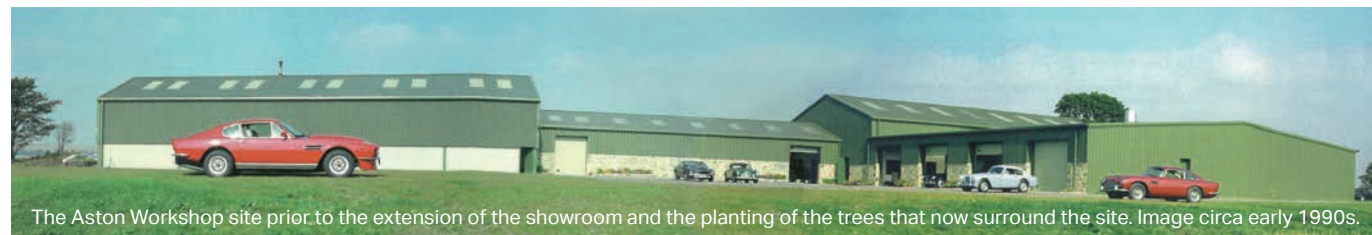
Trees planted as saplings around Aston Workshop in its early days now tower over the buildings and surround us in a small forest of our own making



Bob Fountain's stone farmhouse and outbuildings. Image circa 1980s.

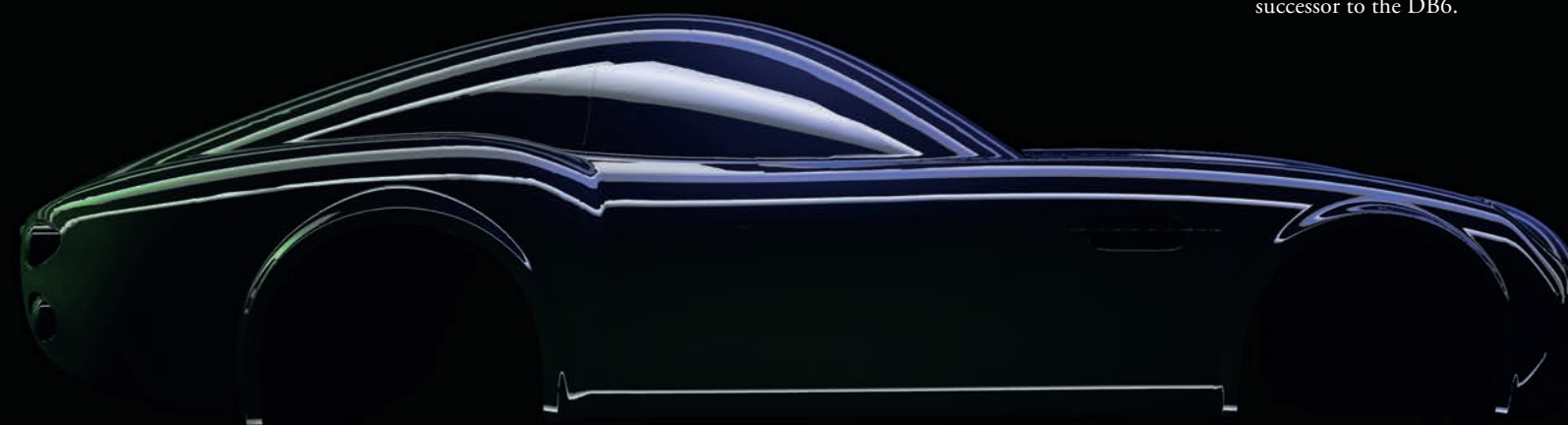


Workshop construction



The Aston Workshop site prior to the extension of the showroom and the planting of the trees that now surround the site. Image circa early 1990s.

## V8 Superleggera - taking shape



Work is continuing on the aluminium body shape development of Aston Workshop's all new two-plus-two seater model the V8 Superleggera. Based on a classic 1970s or '80s AM V8 donor car, this bespoke new creation from our team is the spiritual successor to the DB6.

The latest CGIs show a muscular yet elegant form which combines charismatic V8 performance with bespoke hand-crafted design recalling the beautiful Superleggera models of the 1960s.

This fully road legal model, in a choice of left- or right-hand drive, represents the next logical step from our DB4 GT Zagato recreation and features a potent 6.0L Evolution engine specification, paired with either a six-speed manual or six-speed automatic transmission.

Featuring the finest upgrades and enhancements available from our portfolio, the finished car is built exactly to customer specifications. 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.



# Our facility

## *A hidden treasure for the Aston Martin enthusiast*

Visitors calling by the Aston Workshop showroom often are very surprised by the number of cars to be discovered here. We are happy to take first time visitors on a behind the scenes tour of the facility to see cars in every process of build. Here we present the virtual version of those guided tours which show the comprehensive facilities we have developed to build, restore and maintain beautiful motor cars from all eras.



### Gift Shop

Offering a range of clothing, jewellery, memorabilia, artwork, models and genuine AM accessories our small gift store has something of interest for all Aston Martin enthusiasts young and old.

### Sales Reception

Overlooking the home of our resident squirrel population, our peaceful sales reception is the first step on many owners route into Aston Martin ownership.



### Showroom

Arranged around a central browsing aisle, our cars are presented as a timeline as you enter the showroom. Starting at the showroom entrance with cars from the 1930s visitors experience multiple models from each era for sale as they pass towards the selection of modern cars available.



### The Car Barn

Elsewhere on site we have the barn, our 35 car showroom for anything and everything that isn't an Aston Martin.



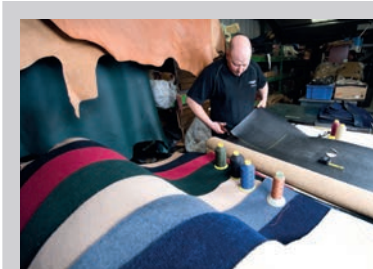
### Valeting Bays

Every car entrusted to us is cared for by the full time valet team, who provide cleaning, machine polishing and general detailing services.



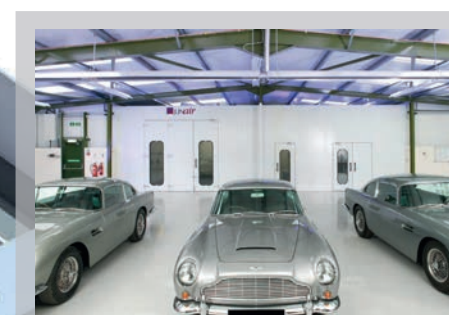
### Heritage Workshop

With dedicated mechanical work bays for 12 cars this central hub of our facility is always a busy area with cars at all stages of restoration and repair. Dedicated parts storage for all current restorations is made on the workshop mezzanine to ensure high levels of organisation and efficiency.



### Trim Shop

All of the tools, materials and space required to make beautifully finished car interiors can be found here, ensuring our technicians provide the most exquisite finishing touches.



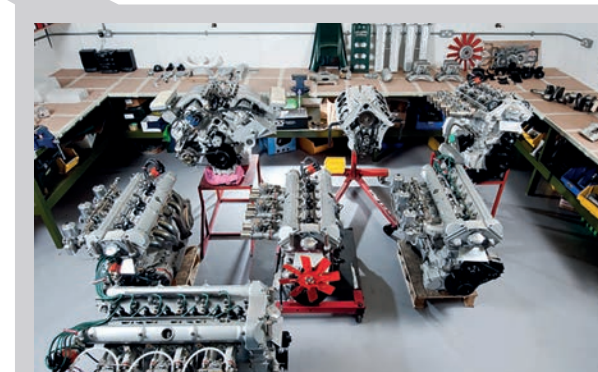
### Paint Shop

Hand finishing aluminium bodies requires both patience and space to undertake successfully and it is this high level of preparation that happens here prior to going into our state-of-the-art booths for painting.



### Body Repair Centre

Featuring dedicated booths for aluminium and steel fabrication, as well as for panel repairs and restoration our panel-shaping tools located here ensure the exact fit for hand-built classics.



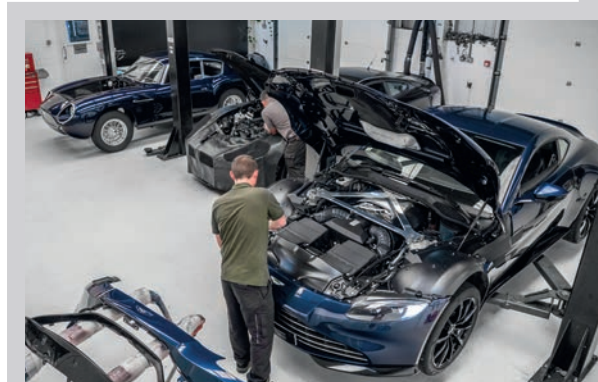
### Engine Building

In its own tidy enclosed environment is our engine assembly room and adjacent engine dyno area where new and reconditioned engines are tested to ensure they meet our stringent performance requirements.



### Service Reception

Discuss your maintenance requirements and collect your customer courtesy car from our service department reception.



### Modern Workshop

Equipped with the very latest Aston Martin diagnostic equipment as found in the main dealer network, our factory trained technicians are kept up to date with online updates and support from the manufacturer meaning we regularly see a vast array of modern Aston Martins for routine maintenance and repair each year across our 3 bays.



### Manufacturing

Building bespoke cars brings with it the challenge of design and supply of components often in low volumes. By way of significant investment in modern technology our manufacturing department has state of the art digital manufacturing machinery to make the bespoke parts we need, many of which are now manufactured in bulk and offered to trade and retail customers too.



### Engineering

Our large engineering department is equipped with a vast array of machinery and tooling, both modern and traditional to provide the necessary reconditioning, repair and upgrade to all eras of Aston Martin engine whether 6 cylinder, V8 or V12.



### Parts

As well as providing service to our restorers and service technicians, our team of parts advisors offer email, telephone and counter service from our well equipped stores.



# DB6 Volante

*This beautiful 1970 Aston Martin DB6 MKII Volante has recently undergone a full restoration at Aston Workshop.*

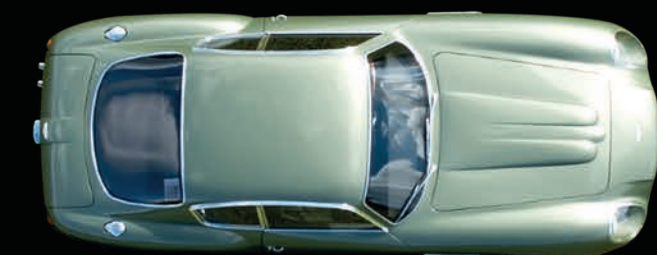


This particular vehicle arrived at Aston Workshop from its long-term owner in Switzerland fully dismantled and has been subject to a full Aston Workshop ground-up restoration. The car has been built to meet the customer's bespoke specification including our in-house engine upgrade to 4.7 litres. Now finished in eye-catching Cardinal Red, with a tan hood and Bentley hide trim, this DB6 also benefits from more discreet Aston Workshop enhancements such as central locking, upgraded brakes and modernised suspension components. These greatly improve the day-to-day driving experience of this classic Aston.

Having been carefully and expertly restored in County Durham the car has recently returned to Switzerland, ready to be enjoyed on the road once more.



# DB4 Zagato recreation



*Aston Workshop's road registered DB4 GT Zagato recreations have all of the style and flair of the original but are built to exacting modern standards*

THE 1960-63 ASTON MARTIN DB4 GT Zagato is one of the most collectible sports cars ever produced, and Aston Workshop is proud to offer its exact road-legal recreation of this breathtakingly beautiful 1960s icon. Each vehicle is built exclusively to order on the proven foundations of an existing Aston Martin DB4 in left- or right hand drive configuration. 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 original 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). Absolutely 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. There is of course a comprehensive suite of discrete modern enhancements on offer to

bring a greater level of modern comfort and convenience to the driving experience should its new owner require.

Staying true to the original design but recreated using state of the art materials, processes and machinery, this superb motor car by Aston Workshop offers a driving experience that significantly better 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.

## AT A GLANCE...

**FULLY ROAD LEGAL AND HAND BUILT TO OUR CUSTOMERS BESPOKE SPECIFICATION FROM AN ORIGINAL DB4**

OFFERED IN A CHOICE OF ENGINE CAPACITIES, RANGING FROM THE ORIGINAL SPECIFICATION 3.7L THROUGH TO 4.7L FOR ULTIMATE PERFORMANCE

THE 4.2-LITRE OPTION PROVIDES AN IDEAL BALANCE OF POWER AND DRIVEABILITY, MIRRORING THE SPECIFICATION CHOSEN BY ASTON MARTIN FOR THE SIX 'SANCTION' CARS PRODUCED IN THE 1990s

OUR PROVEN UPGRADE OF MODERN TELESCOPIC DAMPERS IN PLACE OF LEVER-ARM DAMPER TECHNOLOGY FOR THE REAR AXLE IS AVAILABLE FOR MORE PRECISE HANDLING AS WELL AS ENHANCED RIDE COMFORT AND SAFETY

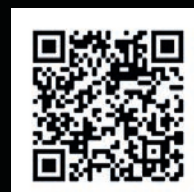
OFFERED WITH A SELECTION OF ENHANCEMENTS DESIGNED TO COMPLEMENT THE DRIVERS INTENDED USE MEANS WE CAN TAILOR THE CAR TO YOUR DREAM SPECIFICATION

# California Dreamin'



This recently completed restoration by Aston Workshop is a fine example of our efforts to ensure every car entrusted to us receives the very best care and attention. This original 1970 factory built LHD DB6 Mk2 manual suffered damage whilst stored in a building which collapsed prior to the cars arrival in Beamish. Originally supplied to its first owner by Belgian dealer Remy Mannes and finished in Dubonnet Rosso with a natural trim interior, this car represents one of the last examples of the DB6 line.

An original left-hand drive, five-speed manual and leaving the factory with a Vantage-spec engine producing 325bhp, it is one of the rarest of all David Brown era cars. Having now been subject to a full body off restoration by Aston Workshop with a 4.2-litre engine upgrade, California Sage bodywork and contrasting green interior the car presents and drives beautifully, much to the delight of its owner.



Scan to download our DB4 GT Zagato Recreation brochure



Scan to watch our DB4 GT Zagato Recreation video





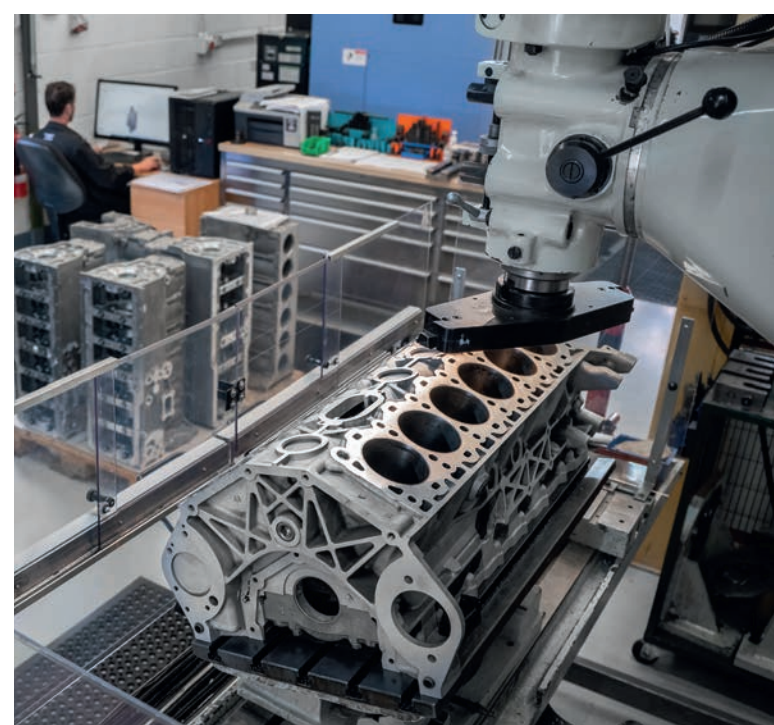
# Enginology

*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 which have been the subject of huge investment in recent years. This process typically includes initial strip down and inspection through to re-engineering, precision machining work, final assembly and dyno testing.



## Engines built to the highest standards

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

ENGINE REBUILDING WITH MARKET LEADING WARRANTY

BESPOKE ENGINE BUILDING AND MODIFICATION TO CONCOURS AND COMPETITION STANDARD

AM V8 EH CONVERSIONS

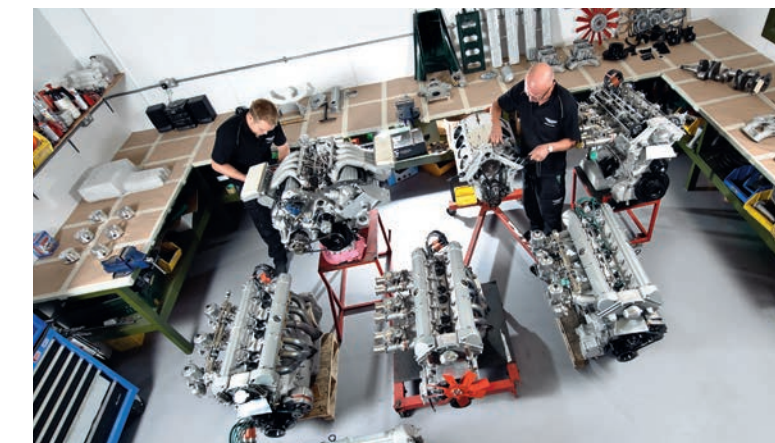
DB9/DBS V12 ENGINE REBUILD SERVICE

UNLEADED CYLINDER HEAD CONVERSIONS (WITH TEN-YEAR GUARANTEE)

DB2 COMPETITION ENGINE BUILDING & TRIPLE CARB CONVERSION

CYLINDER MACHINING, BORING & HONING, DYNO TESTING & TUNING

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



## Product manufacturing

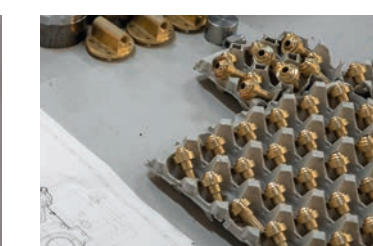
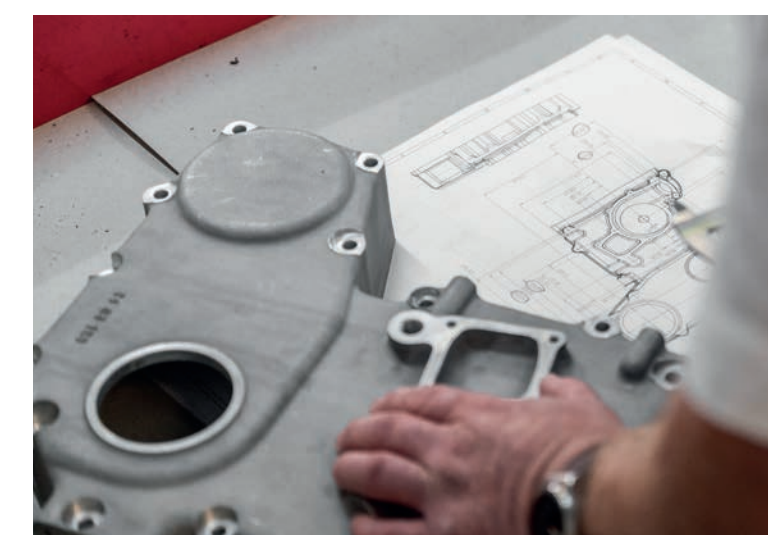
As many classic car owners will know, a failed component can be disastrous, even more so when it belongs to a particularly rare model or is discontinued from production. Our engineering department and workshop regularly encounter failed original components when working on Astones of all ages, including pre war era cars.

However, we have the in-house facilities to re-design and reproduce the damaged or obsolete component to modern quality standards.

All work is carried out on site in Beamish using a selection of traditional and modern machining techniques with a good turnaround time. Having these skills available ensures even complex

issues that arise can easily be overcome with minimal disruption to the continuation of our restoration work flow.

Using samples, scans, drawings or 3D models, our engineering department are able to manufacture single components as well as take trade orders for larger batches of components.



Visit our Engineering website

[enginology.co.uk](http://enginology.co.uk)

## Crate engine service

Our "crate" engine service has proved very popular in recent years. Global customers carrying out restoration projects, upgrades and repairs have previously had limited options to find the high levels of quality that are required to ensure reliability and longevity in an engine build.

With an Aston Workshop engine rebuild you can be guaranteed that the level of engineering and customer service is second to none. The entire engine project is managed by a single point of contact and all engineering, assembly and dyno testing is carried out in house.

All work carried out is documented with images, project updates are frequent and detailed. No matter what condition the

starting point, our engineers can help. We often receive engines as "basket cases" that have been previously stripped and are part of a major restoration. With our crate engine service we carry out a full evaluation, agree on a personalised specification, budget and required time scale, then carry out the whole restoration inclusive of dyno testing and tuning. The engine is supplied back to the customer in a crate ready to fit, with a full 10 year guarantee.

We can carry out engine builds using flexible staged payment options. This can be very helpful if the engine build is being carried out alongside a complete vehicle restoration.





# Global projects

## One of County Durham's finest exports

Aston Martin is a brand that is admired and held in high regard the world over. It is therefore unsurprising that we regularly receive enquiries and orders from all over the world, for new and used parts, engines, restorations and sales. Over the decades Aston Workshop has grown to offer a truly global service to meet our customers varying needs.

We have significant experience in import/export procedures, relevant legislation and have developed a network of trusted shipping partners. A selection of our recent projects and global customer locations are mapped in this illustration, wherever you are in the world, rest assured that our team are able to meet the needs of the Aston Martin Enthusiast.

### USA

V550



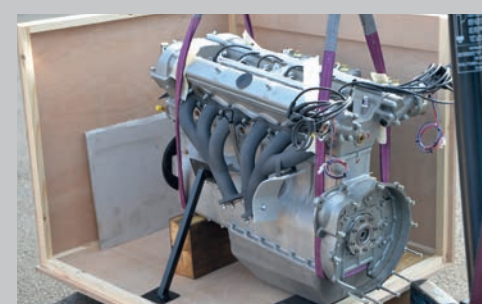
### USA

DB5 colour change and sale



### CANADA

DB4 GT engine



### UNITED KINGDOM

DB4 GT Zagato recreation



### NETHERLANDS

DB6 MK2 Vantage



### NETHERLANDS

DB4 Series IV



### HONG KONG

DB2/4 MKIII Race Spec engine



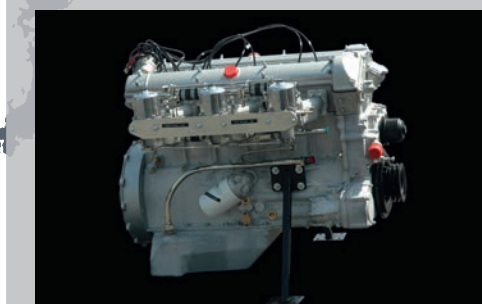
### FRANCE

DB4 GT Zagato recreation



### AUSTRALIA

DB6 4.2L Full engine rebuild



### AUSTRIA

1935 Ulster-bodied competition replica



### PORTUGAL

DB6 engine



### SWITZERLAND

DB6 Volante MKII



### NEW ZEALAND

Lagonda M45 engine build



### ARGENTINA

DB2 Race Engine



### USA

1973 Aston Martin V8 Series III



## 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.

● Denotes Aston Workshop business in these areas



# Aston Workshop's parts and kits

Anyone familiar with Aesop's fables will know one of the earliest origins the popular proverb "necessity is the mother of invention". This is a very appropriate way to explain the decades long expansion of the Aston Workshop enhanced parts inventory. One of the fundamentals of any building project is the availability of the correct parts when they are needed. Having built so many cars over the last three decades, if a new or improved part has been required, very often the solution is to make it or an improved version of it.

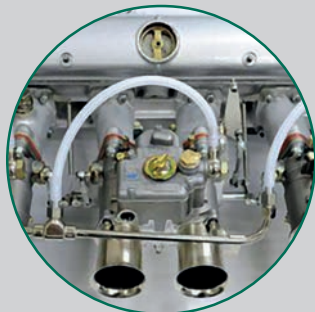
As a consequence Aston Workshop has developed a substantial range of parts available to retail or trade buyers that are only available from us directly. Our team uses genuine Aston Martin OEM parts when appropriate, when an OEM part is not available or can be improved upon, we specialise in remanufacturing original or redesigned items.

Many of 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.

Our team always keep 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.

Search our database of over 50,000 parts online at [aston.co.uk/parts.html](http://aston.co.uk/parts.html) to discover more.

## UPGRADE KITS



**TRIPLE WEBER 45 DCOE UPGRADE KIT**  
For DB4/DB5/DB6. Includes all required items including Manifolds, Linkage Kit and Gaskets.



**ASTON MARTIN DBS/V8 ANTI ROLL BAR UPGRADE**  
Designed and created by Aston Workshop for the front anti roll bar. Suits DBS6/DBSV8 and early V8 models.



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



**LUCAS WIPER MOTOR KIT**  
Remanufactured by Aston Workshop. Available for LHD or RHD models and with or without intermittent functionality.



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



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

## The parts

Aston Workshop have become a market leader in reproducing obsolete parts. Here is a brief selection of what we can offer you.

1. DB5 seats

2. Rear axle casing

3. Crank

4. Cylinder block
5. Handling kit

6. Vantage conversion kit

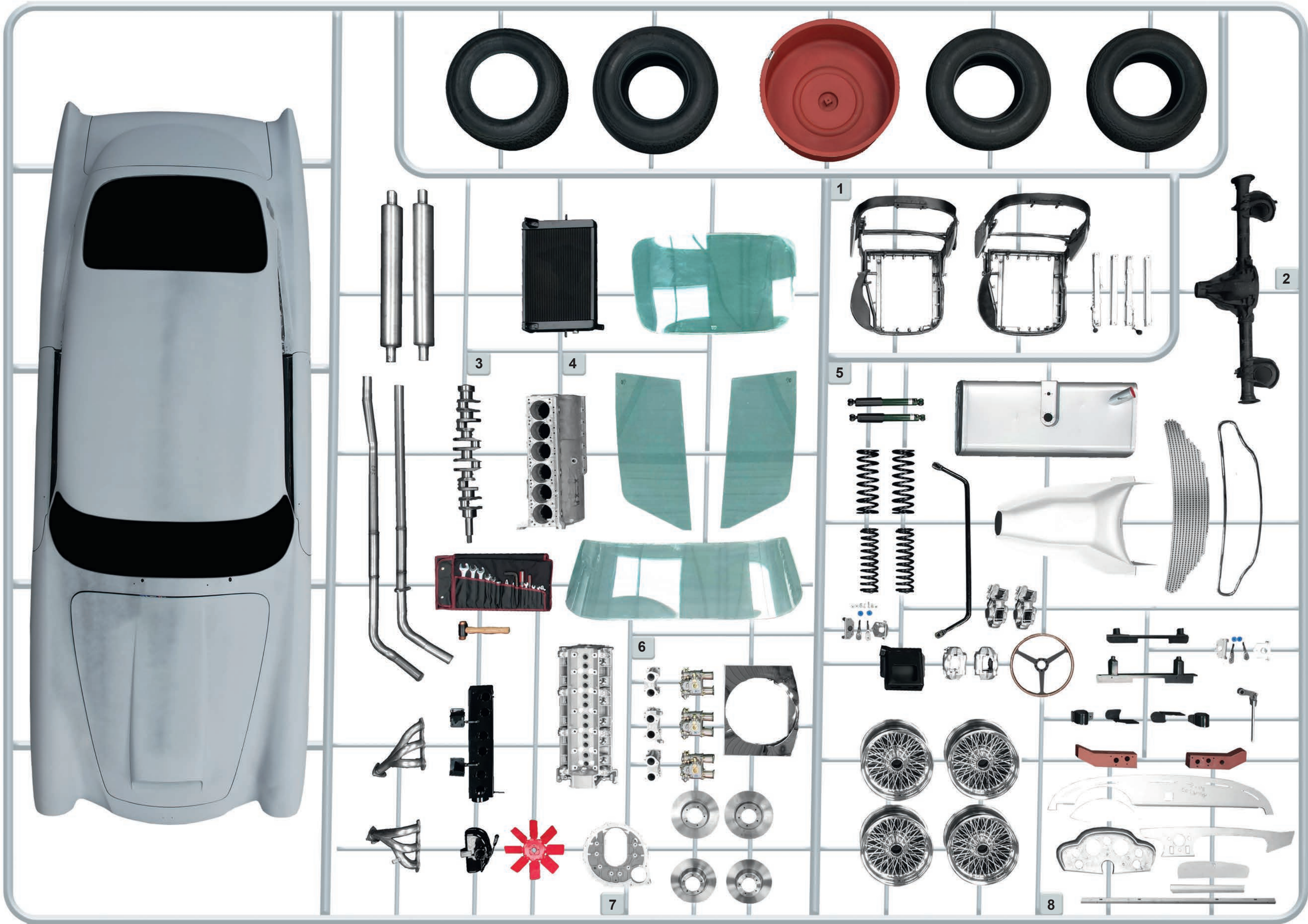
7. Manual back plate

8. LHD dashboard kit



Visit our dedicated parts website

[astonparts.com](http://astonparts.com)





Look at today's classic car marketplace and ask yourself the question, what defines the ultimate Aston Martin DB5? Is it provenance and dedication to originality? Is it perhaps the painstaking attention to detail invested in a concours car or the usability of an enthusiast driver's car? Maybe one with 007 aspirations!

Whatever the answer, Aston Workshop has very likely built such a car. Our team have the capability to create each customer's "Ultimate DB5" having been at the forefront of heritage Aston restoration for the past three decades. Over this time scores of customers have trusted us with the task of building their dream car with a wide variety of enhancements and customisation to make it just so.

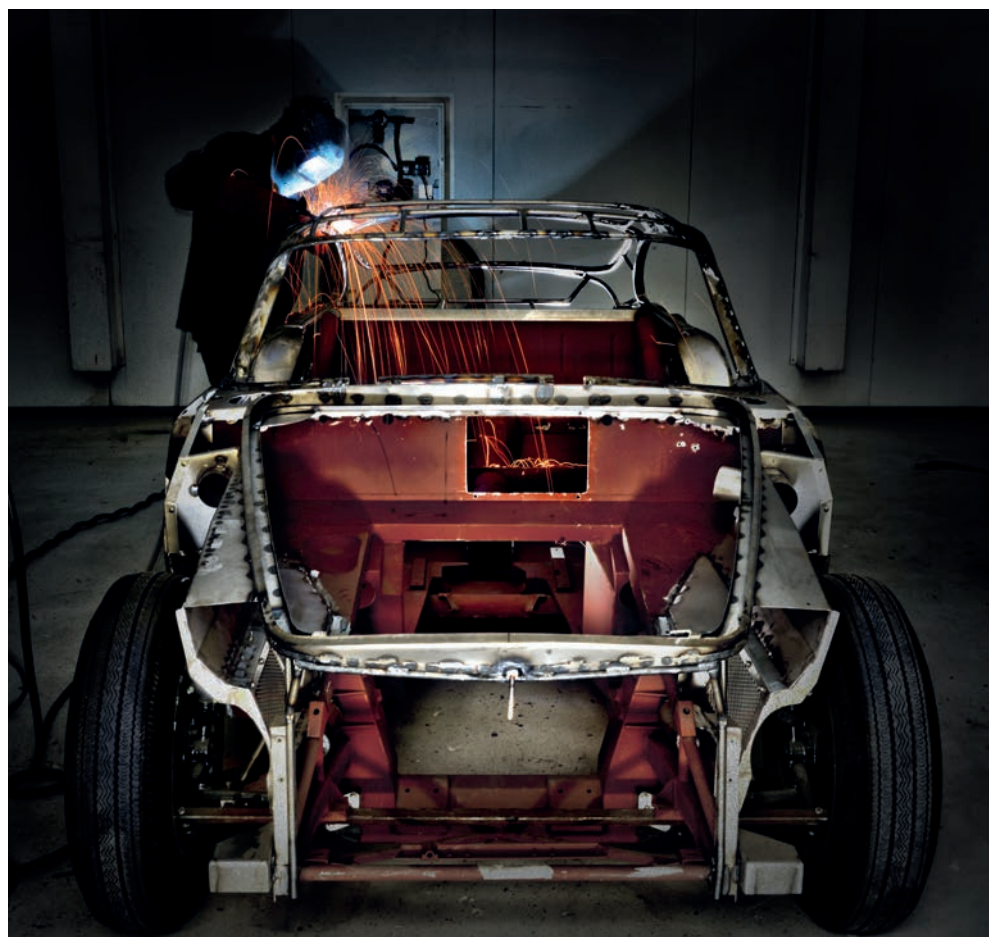
Whether designed for modern comfort,  
amenity and drivability or faithful dedication



to its first flush of youth, Aston Workshop is dedicated to ensuring these cars can be enjoyed more than ever and be preserved for future generations to fully appreciate. The level of understanding we have gained of these particular cars means we are now one of the world's leading Aston Martin DB5 specialists. To achieve this level of expertise we have inevitably had to be ready to engineer solutions to be able to cater for our customers varying needs, whether that may be a left hand drive conversion or a folding rear dog seat.

Each bespoke car we build awaits its new owner's choices of body, trim and paint combination, LHD or RHD, engine specification, handling improvements and brake upgrades. Furthermore there is in depth discussion around the discreet inclusion of modern features including air conditioning, convenient in-car technology, communication, comfort and enhanced security features to enhance the driving experience for modern times.

We believe that the key to a truly great restoration is the attention to detail put into each single component, along with subtle and well engineered improvements over the original methods adopted by the chaps of Feltham and Newport Pagnell in the 1950's and 60's and we build this philosophy into every car that leaves our workshop.



A regular star of the Aston Martin time line feature at The Great North Classic Car Show, this well known 1937 2 Litre sport is owned by Aston Workshop founder Bob Fountain. The car has been in long term family ownership and is lovingly cared for by the workshop team.

Still used competitively on occasion, between events, the car is on display in the Aston Workshop showroom.



The past year has seen an unusually high number of prototypes and motor show cars pass through the workshop and showrooms. One such vehicle is this DBS V8 visiting us from Hong Kong for restoration work. Originally a UK registered car finished in Dubonnet Red and featuring a 6 cylinder Vantage engine, this car was later fitted with a V8 engine by the factory. That engine just so happened to be PX001, making it to be amongst the very first Aston Martins ever to be fitted with a 5.3L V8 engine.

Nowadays it is unthinkable that a non type-approved development car would be sold off to the trade, but things were more relaxed 55 years ago and the permanently cash-strapped Aston Martin would have been reluctant to forgo the profit resulting from such sales, hence the survival of many of these intriguing 'one-offs'.

The car has recently had significant chassis restoration work here at Beamish and will be treated to a full respray ready to return to Hong Kong finished in beautiful blue paintwork.



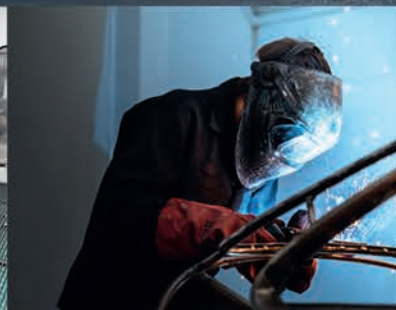
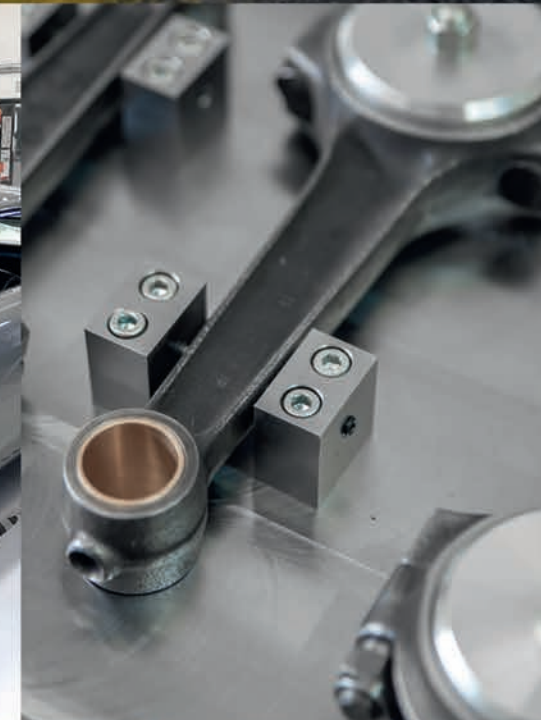
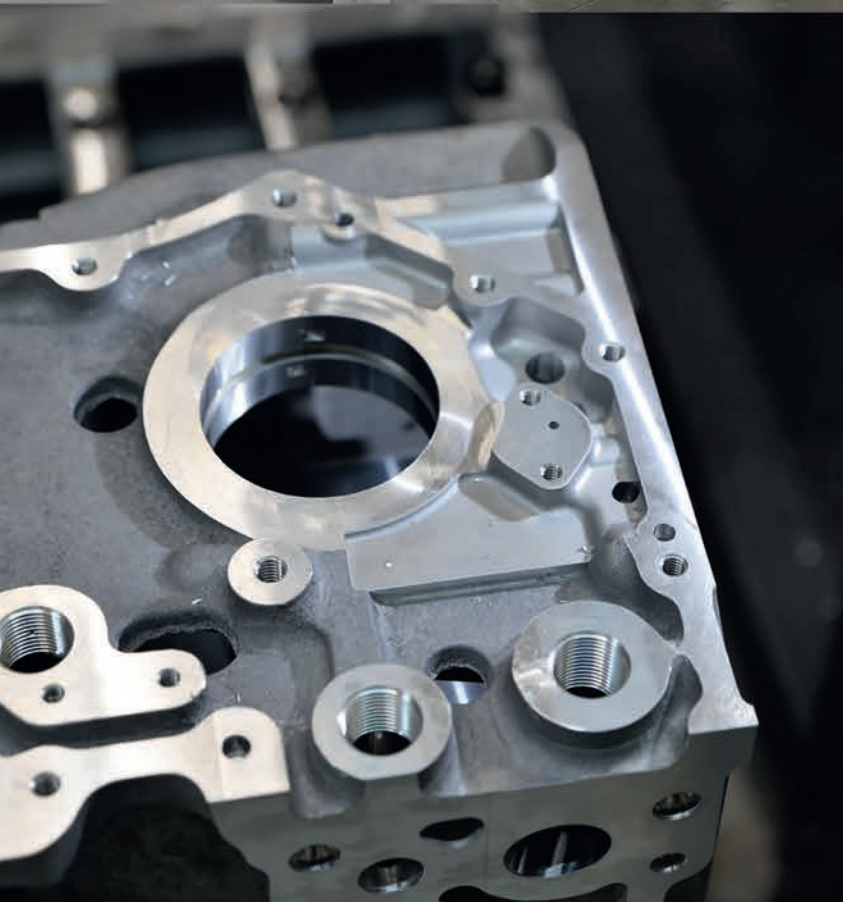
# Aston Workshop, a year in pictures



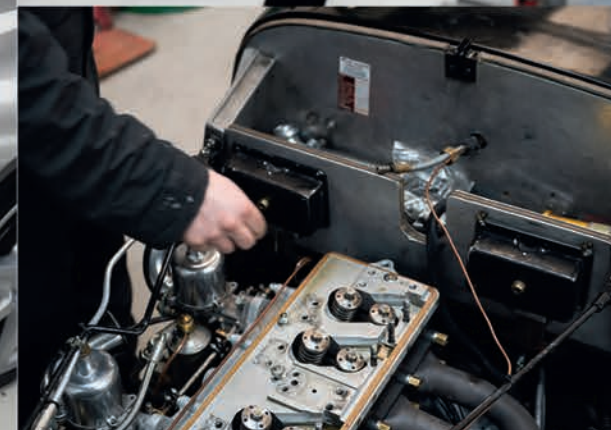
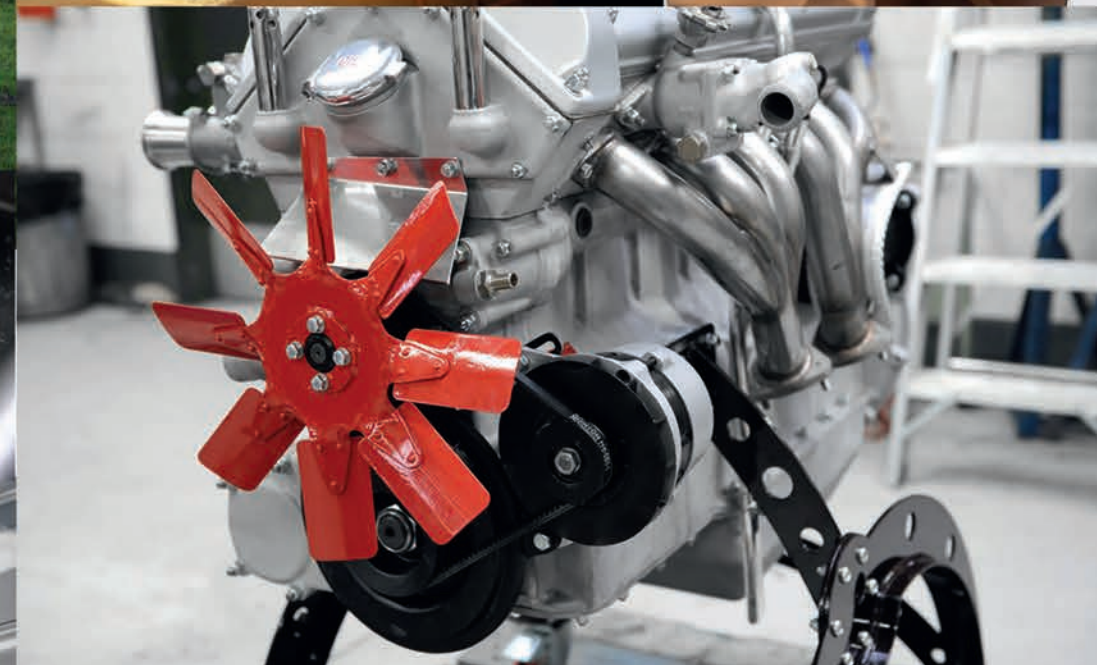




Spring



Winter

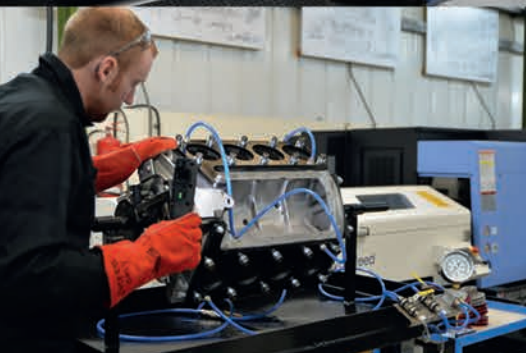




# Success at Techno Classica 2022



Summer



On a recent European adventure, Aston Workshop's fully restored 1954 Aston Martin DB2/4 Vignale Restoration won Best in Class at Techno Classica 2022 in Essen, Germany. Techno Classica is widely considered to be the leading trade fair of the classic automotive industry. The recently completed Aston Workshop restoration of the unique DB2/4 Vignale took pride of place on our exhibition stand and won best in class E, post war 1946-1960, at FIVA Concours d'Elégance.

The car was originally commissioned by King Baudouin of Belgium and crafted by Italian coachbuilder Vignale. After a long and painstaking restoration the team at Aston Workshop have produced a car that has surpassed the quality of the original and the unique DB2/4 Vignale is now once again fit for a king. Read more about the story behind this restoration on our website.



View more  
details



Download  
our brochure

## Meet the team

We are very proud of the 44 strong team of enthusiasts at Aston Workshop who work together to restore, rebuild, maintain and improve the wide variety of cars entrusted to us. Of the many characters among us, below you will meet a few of the more public-facing staff who regularly meet customers both at Beamish and at the many national and international events we attend annually.



**FRASER FOUNTAIN**  
SENIOR TECHNICIAN

As the son of Aston Workshop Founder and CEO Bob Fountain, Fraser started working for the company from a young age and has lived on site for his whole life. He cut his teeth restoring a Land Rover in a garden shed and then moved onto restoring Aston Martins for the company. Fraser spent some time away from Beamish, living in London and studying mechanical engineering. He then secured a job working in a prestigious supercar garage. Since moving back to Beamish he has been involved in the workshop and in more recent years has taken a wider role in the business involving management and marketing.



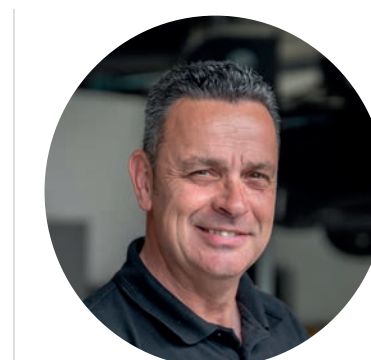
**JOHN GRAY**  
WORKSHOP MANAGER

John was brought up in his family run workshop, carrying out mechanical work to all makes of cars and became fully employed in the business at 16. He worked through to managing the business and then stepped away to run his own personal workshop. After a brief detour into the pub and restaurant trade, John returned to the motor trade and was employed by the Aston Workshop as Workshop Manager, a position he has had for the last 15 years, more recently in a part-time role. Married since 1967 and with 12 children, grandchildren and great-grandchildren, John's is an Aston Martin through and through, and he is a long term member of the Aston Martin Owners Club.



**NEIL CALVERT**  
WORKSHOP MANAGER

Neil Calvert has worked at Aston Workshop for 15 years, having previously worked for BMW between 2001-2007, where he completed his apprenticeship. Having spent many years of his childhood in and around Aston Workshop as a result of his father working for the company between the late 1980's and the early 2000's, he joined us himself, and spent 10 years as a Technician, working on Gaydon era cars (having been factory trained at Aston Martin headquarters in Gaydon, Warwickshire). Neil then became Assistant Workshop Manager in 2017. He is married with two children and classes cars as a hobby, which gives him a real passion for his work.



**CHRIS BATEMAN**  
SERVICE MANAGER

Service Manager Chris Bateman has been in the motor trade for the entirety of his 42-year working life, serving as a Heavy Goods Vehicle Mechanic and rising through the ranks to be Workshop Manager for Mercedes-Benz (Passenger cars). Chris spent 14 years with Mercedes-Benz before moving with his family to the Sultanate of Oman where he looked after the Sultan's personal vehicles, spending 7 years there. He was first introduced to the Aston Martin marque on his return to the UK and has worked with Aston Martin for 10 years on two separate occasions. Chris is married, and a father. He has a keen interest in motorcycles, Football and Golf and follows Middlesbrough Football Club.



**KEVIN HUTSON**  
ENGINEERING MANAGER

Kevin joined Aston Workshop in 2002, had a brief sabbatical and returned full time in 2010, moving from Cheshire to the beautiful County Durham countryside. He is a precision engineer with 27 years of experience, mainly engine and development related. As Engineering Manager, Kevin oversees all aspects of engine building, tuning and balancing as well as the production of machined parts and complex components. He is dedicated to customer satisfaction and delivering a personal approach to client's projects. An avid Clay Pigeon shooter, Kevin loves spending recreation time "working" his Black Labrador Senka.





# Car sales

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

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.



30+  
more cars  
available online



CARS  
WE'VE SOLD  
GLOBALLY



## 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.

## THE BENEFITS OF SELLING TO US



### 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.



### 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.



### 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.



### 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.

# Servicing

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

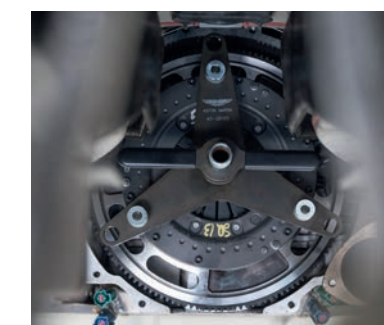
Aston Workshop continues to provide a cost-effective and expert alternative not only to main dealers but other Aston Martin specialists too.

More than anything, our reputation is built on providing a common sense service our clients can trust, one that prides itself on being entirely transparent and practical.

Our experienced factory trained technicians, genuine AM diagnostic

equipment and expansive parts department mean we know exactly what your cherished Aston Martin requires, whatever its level of use.

We aim to make your service booking as convenient as possible. A nationwide delivery and collection service is available upon request and we can supply a courtesy car to keep you on the road.



Fixed Price  
Servicing  
available

Visit [aston.co.uk/servicing](http://aston.co.uk/servicing)

Nationwide  
collection  
and delivery  
available, call  
01207 233 525  
to book



# 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 breathtaking 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](http://blackhorsebeamish.co.uk) or call 01207 232 569. Excludes cost of servicing. Offer and dates subject to availability.







# Car Culture at Aston Workshop

*Ran by enthusiasts for enthusiasts*

At Aston Workshop we like to share what we do with the car community. Every year we host our annual event, The Great North Classic Car Show, around our on site pub, the Black Horse Beamish. The event attracts thousands of visitors with over 500 classic and supercars on display. At the head of our lavender field we also curate a one day Aston Martin time line display with every car arranged by model in date order. The event is very popular with many local clubs and enthusiasts alike.

Every month over the summer we host an evening car meet at Red Row called "Car Barn Drivers Club" where visitors can enjoy food, drink and good company whilst they mingle amongst other enthusiasts and their cars in the beautiful setting of the Beamish Burn

conservation valley. Over the course of the year Aston Workshop staff travel to many different classic shows, driving events and rallies to participate, compete or represent the team and enjoy the company of other car enthusiasts. We regularly travel to major events in the UK and Europe including Goodwood Revival to meet customers new and old and enjoy the unique atmosphere.

Over the course of the year we also host many clubs and associations at Red Row Beamish either for tours, gatherings or seasonal lunches at our venue. If you would like to discuss an event or gathering please get in touch with us via email [astonworkshop@aston.co.uk](mailto:astonworkshop@aston.co.uk)



## DID YOU KNOW...

EACH YEAR OVER 500 CARS AND 3000 VISITORS ATTEND THE GREAT NORTH CLASSIC CAR SHOW ORGANISED BY ASTON WORKSHOP HERE AT RED ROW ESTATE.

ON THE FIRST THURSDAY OF EACH MONTH EACH SUMMER WE ALSO HOLD A SPORTS CAR DRIVERS CLUB NAMED "CAR BARN DRIVERS CLUB" WHICH ATTRACTS UP TO 250 ENTHUSIASTS

A NUMBER OF LOCAL CAR CLUBS INCLUDING MORGAN, BMW AND JAGUAR REGULARLY HOLD THEIR MONTHLY MEETS AT OUR ON SITE PUB THE BLACK HORSE BEAMISH



## Workshop Tours

For many years Aston Martin enthusiasts from all over the world have enjoyed guided tours of our facilities given periodically by a small handful of our most experienced staff. As well as individuals looking for a behind the scenes glimpse into how we will build their bespoke creation we also cater for a limited number of

club bookings each year by prior arrangement. Sales customers who visit Aston Workshop in person are welcome to enjoy a VIP tour of the facilities and also have the opportunity to join a technician for a pre purchase inspection of the vehicle on the lift in our workshop bays to confirm a purchasing decision.



## CUSTOMER REVIEWS



*'The people and quality of work are excellent, very happy with everything.'*

MR D ARMSTRONG



*'First time I have used your family service, but right from Chris's reception and tour, to his team and the Black Horse hospitality, everything was an absolute joy!! I'll be back!!'*

MR B YOUNG



*'Great service, Great staff, Great price.'*

MR M CAIN



*'Third time I've used Aston Workshop to service my Aston Martin. Service is always excellent and staff very professional.'*

MR P BLACKBURN



*'Always a good service and great to chat with the staff. A great experience, always recommend your company.'*

MR D GRAY



*'A great group of guys totally committed to the Aston story.'*

MR G WELBURN

## The Aston Workshop Apprenticeship Programme

Retaining the skills and knowledge in heritage Aston Martin built up over so many years by our long serving team is a key focus for Aston Workshop going forward. Investing in local young people through our apprenticeship program, the business now employs a total of 5 apprentices who are learning a broad range of traditional skills in motor mechanics, engineering, painting and automotive electronics. In doing so we hope to preserve the invaluable skills, knowledge and techniques of experienced staff for

future generations and contribute to the long term viability of the UK automotive restoration industry as a whole.



## Lowering our carbon footprint using solar energy

In one of the hottest UK summers since records began Aston Workshop has realised the first stage in its vision towards a sustainable energy future for its production facilities by investing over £150,000 in new solar technology. Phase 1 of our renewable energy plans is the installation of an array of over 350

solar panels delivering up to 140Kw per hour of green electricity and reducing our carbon footprint by an estimated 50 tonnes per year. A further 2.2 tonnes of CO2 emissions have been saved by the introduction of new energy efficient file servers and IT.



## The Ineos Grenadier - built on purpose

Car Barn Beamish are proud to be the only nominated partner in the North East region for the Sales and Service of the new INEOS Grenadier 4x4. Being part of this network means that the exacting standards of the manufacturer are met at every turn. Our specialist 4x4 technicians are trained and supported by INEOS Automotive technical teams and via INEOS Automotive HQ. The Grenadier exists for proper 4X4 capability. With a best-in-class engine, ladder-frame chassis, and permanent four-wheel-drive, INEOS automotive have truly learnt from the best of the past. The result is a true utilitarian 4X4 designed for the 21st Century.



## ASTON WORKSHOP IN NUMBERS

34

The number of years in business

37

The size of our site in acres

45,000

The area of our facility in sq ft

44

The number of staff employed at our facility

77

The age of our oldest employee

11.3

The average length of service of our employees

400

The number of collective years of Aston Martin experience in the business

80

The number of Aston Martins on site on a typical day

400

The number of collective years of Aston Martin experience in the business

50,000

The number of different parts we offer for sale online



# For the modern Aston Driver

Carefully considered specification upgrades and enhancements by Aston Workshop

## Sub Frame Refurbishment

Despite many components of the modern Aston Martin being made of aluminium, the rear sub frame is not one of them and we increasingly find that preventative maintenance is required due to corrosion in this area of the vehicle. Please contact us to discuss refurbishment options for your vehicle.



## Braking, Wheel and Tyres

Despite the use of lightweight materials in their construction such as aluminium, composites and carbon fibre, mainstream Aston Martin models have never been considered as “lightweight” performance cars. As a result there is great scope for performance improvement through increased braking performance and the all round dynamic benefit brought about by a reduction in un-sprung mass. For those with standard (non carbon ceramic) OEM brakes, options include lightweight 2 piece disks that work with OEM callipers or a front “big brake” upgrade to 6 pot callipers and larger diameter 380mm 2 piece disks. We also offer comprehensive wheel and tyre upgrades, from simple colour changes, wheel refurbishment and Michelin tyres through to lightweight forged wheel options and higher performance tyres for greater weight reduction.



## In Car Entertainment

Sadly the infotainment systems in modern Aston Martins simply do not wear the test of time as well as their looks. Fortunately for cars manufactured in 2004 or later we offer in car technology upgrades including Apple CarPlay and Android Auto which bring updated navigation, phone integration and music options to your fingertips.

Despite a reputation forged in building gorgeous classics from the 50's and 60's, we have many solutions to improve cars of the Gaydon era in terms of performance, longevity and functionality.

## Twin Plate Clutch and Flywheel

Our genuine AMR twin plate clutch kit upgrade is very sought after among V8 Vantage owners looking for peace of mind, as well as an enhanced driving experience. The twin plate clutch stands up to wear better and also results in a lighter clutch pedal feel, with the lightweight flywheel delivering a quicker revving engine and a more precise gear change. Access to the clutch is a lengthy procedure, and requires the removal of the exhaust system, left exhaust manifold, gearbox, torque tube and prop shaft, meaning two days in the workshop fitment of this very popular upgrade.

## Cosmetic Enhancement

Even without taking into account aftermarket options there are many genuine cosmetic enhancement parts offered by Aston Martin which we routinely fit for our customers. These include an array of lightweight carbon fibre components and the popular mesh to grille front bumper upgrade for the Vantage 4.0.



## V12 Engine Rebuilds

Since its 2009 debut in the DB7 Vantage, the naturally aspirated V12 engine in its many guises has become synonymous with the modern Aston Martin range in models including the DB9, DBS, Rapide and V12 Vantage. Sadly there are instances of these engines suffering premature failure of internal components due to oil starvation. Aston Workshop can supply remanufactured engines on an exchange basis but have also developed capabilities to repair, recondition and refresh original engines as appropriate.

## Paint Correction

The paint team in our bodyshop have many years of experience in successfully rectifying common cosmetic defects which affect modern era Astons. These include corroded wing mirror stalks, unsightly grilles, stone chips, dents to aluminium body panels and the well known problem of paintwork blistering around door handles and panel edges. Once the car is pristine once more we offer paint protection film and ceramic coating options as well.

## Colour Change

Whether you have a car in need of cosmetic improvement, can't find your perfect pre-owned car in the right colour or have simply tired of your cars original hue, Aston Workshop can assist. Our team can fully strip, repaint and reassemble your vehicle to the highest of standards and leave it with a deep and luxurious finish to be proud of, all in a colour of your choice.



## Exhaust Upgrade

One of the most distinctive features of day to day activity at Aston Workshop is the sound of V8 and V12 engines firing into life before they make their way out onto the open road. To suit the differing tastes of Aston Martin owners when it comes to the increasingly rare symphony of sounds created by a large displacement combustion engine we have several solutions to tailor the sound and performance level. These include options for rear silencers, sport catalysts, performance manifolds and remote sound control devices.



## CROSSWORD

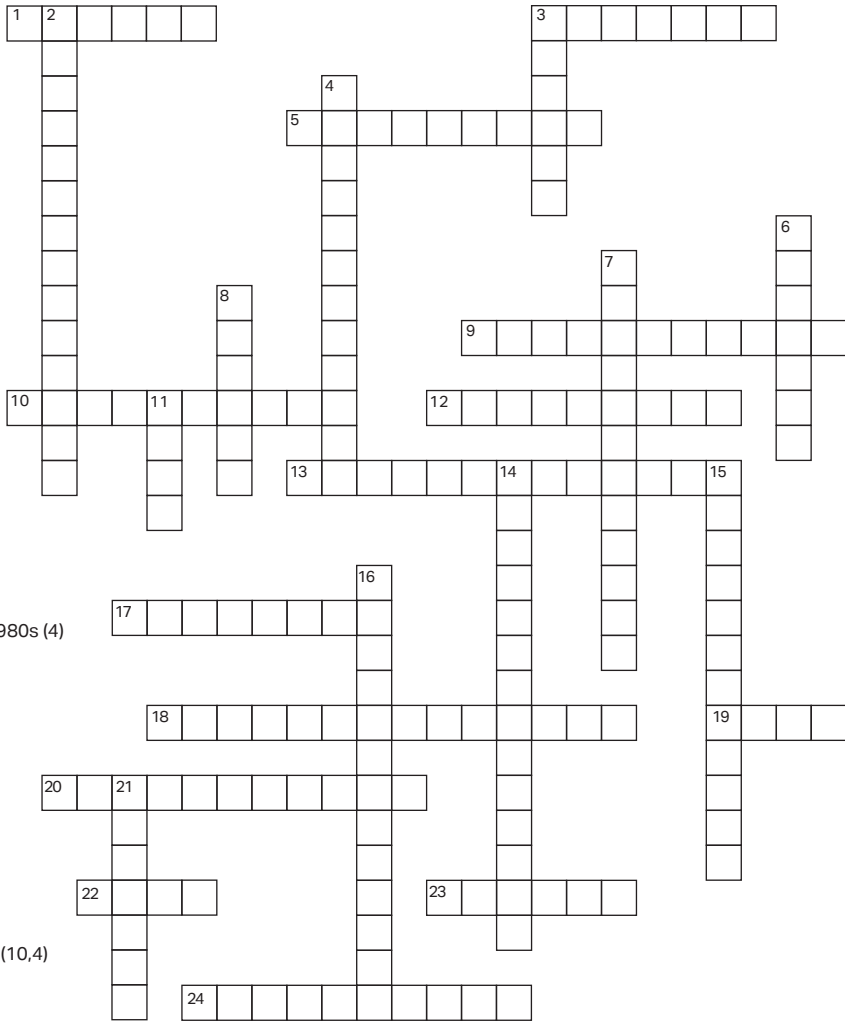
See if you can complete our Aston Martin themed crossword. Answers can be found at the bottom of this page.

### Across

- Independent coachbuilding company located in Terrazano, Italy (6)
- Nickname of the only Renwick and Bertelli motor car made (7)
- Silver paint from out of this world (9)
- The nickname for AM's very first car (4,7)
- Designer of the Aston V8 engine introduced in 1969 (5,5)
- Lightweight VH platform material (9)
- Famous owner of a “cheese and wine” powered DB6 (6,7)
- V12 engined flagship Aston Martin model launched in 2001 (8)
- The Vanquish S was the last car to roll off production lines here (7,7)
- Austrian city where the first four door Rapide grand tourers were built (4)
- DBR2 takes the win here in 57' with Roy Salvadori at the wheel (11)
- American company who bought Aston Martin in the late 1980s (4)
- A young swan (6)
- Designer of the Aston Martin Atom (6,4)

### Down

- Turn based coachbuilder who built a car for the King of Belgium (7,7)
- Insect which inspired the famous Aston wings logo first introduced in 1932 (6)
- Lead designer of the Aston Martin DB9 (6,6)
- One-off Aston Martin from 1979 (7)
- The 21st Bond Film, also starring the DBS (6,6)
- Mellow yellow Aston colour from the 1960s (6)
- The name for the flipped up tail on a DB6 (4)
- A fragrant plant native to the south western United States (10,4)
- Italian for 'Superlight' (12)
- Rare DB5 body style for David Brown's Dog (8,5)
- This Aston Martin was built between 1974 and 1990 (7)



## WORDSEARCH

Try our Aston Martin themed wordsearch and see how many words you can find. Words can be horizontal, vertical or diagonal and may be backwards too.

Z	D	R	O	P	H	E	A	D	Q	A	L	H	E	G
Y	S	P	O	R	T	S	H	I	F	T	N	X	H	Y
D	H	A	X	V	I	V	A	N	T	A	G	E	R	G
V	K	F	V	E	N	U	R	B	O	N	D	R	O	O
A	W	L	D	W	T	G	R	A	P	I	D	E	A	L
N	D	M	S	P	E	E	D	S	T	E	R	T	D	D
Q	S	U	P	E	R	L	E	G	G	E	R	A	S	F
U	M	X	N	Z	N	N	C	Y	G	N	E	T	T	I
I	Y	W	A	S	A	V	A	L	K	Y	R	I	E	N
S	W	T	B	I	T	G	X	U	L	S	T	E	R	G
H	Q	O	B	S	I	D	I	A	N	U	E	K	W	E
B	U	L	L	D	O	G	H	D	A	U	B	C	R	
K	H	A	Q	E	N	O	T	C	H	B	A	C	K	E
N	L	T	W	R	A	V	T	L	A	G	O	N	D	A
P	L	T	F	T	L	V	A	L	H	A	L	L	A	V

Easy - 10 words. Good - 20 words. Full House - 26 words.

Crossword Answers - Across - 1. Zagato 3. Blizzbox 5. Meteorite 9. Coal Scuttle 10. Tadek Marek 12. Aluminium 13. Prince Charles 17. Vanquish 18. Newport Pagnell 19. Graz 20. Silverstone 22. Ford 23. Cygnet 24. Claude Hill. Down - 2. Alfredo Vignale 3. Beetle 4. Henrik Fisker 6. Bulldog 7. Casino Royale 8. Bahama 11. Kam 14. California Sage 15. Superleggera 16. Shooting Brake 21. Lagonda