



classic spirit reborn
kwecars.co.uk/jaguar



where the spirit
of Jaguar **lives** on





A new motoring heritage

Jaguar owners are passionate about their cars and we are just as passionate about rejuvenating the XJ and XJS to create a modern classic. We firmly believe they are the pinnacle of modern British car design, particularly the V12, which has aroused immense enthusiasm amongst drivers around the globe.

Superior finishing and craftsmanship

Jaguar owners are demanding as well as discerning. They expect nothing but the best. Which is why we take enormous pride not only in rebuilding and enhancing our Jaguar engines, but also paying attention to those significant details that make a Jaguar so unique – such as the finishing touches to traditional leather upholstery or finessing that final coat of polish on a beautiful walnut dashboard.

The outstanding quality of the cars that leave our Newbury workshop is a result of the dedication of genuine craftsmen. This unwavering commitment to quality is reflected in the pride our customers exhibit for their KWE Jaguars, not just in the UK, but in our flourishing export markets right across the world. But wherever KWE Jaguars appear worldwide, we remain devoted to our original ethos – to offer the highest standards of craftsmanship in renewing the best of Britain's motoring heritage.

Outstanding customer service

Just as importantly, when it comes to customer service we think you'll find us a little different to most. We fully recognise how crucial it is that we listen to your individual requirements, while simultaneously placing all our expertise and experience completely at your disposal.

We've learned a great deal from the car's historic past, and supplemented it with the best technology, materials and resources of the present. So whether it's our service or our Jaguars, this principle shines through in all we do.

As you read through our brochure we hope you'll decide to take a KWE Jaguar demonstrator out for a spin. We look forward to creating your new Jaguar or, if you already own one, re-energising it with an exciting new lease of life.



Power with spirit

The Jaguar XJS remains one of the most remarkable and powerful sports cars on the planet. Its racing history alone is the stuff of legend, including wins in the 1977/8 Trans-Am Series, the 1984 European Touring Car Championship and countless other major race wins around the world. Similarly the V12-engined Broadspeed XJCs were renowned for their blinding speed during 1976/7.

Building on success

These historic achievements reflect superbly on the basic design of the cars' key elements – the body, suspension and engine. But nothing ever stands still. KWE has improved upon each of these vital ingredients by using all the benefits of modern technology. Our performance packages substantially increase the power and efficiency of the engines, providing owners with greater fuel economy, performance and safety.

For instance, the superb V12 engine can now produce increased power of up to 400bhp by conventional means, and more with supercharging. Transmissions and drivelines can be specified for both improved acceleration and fuel economy. For ultimate driveability, our 5 or 6 speed manual transmission enables drivers to get the very best out of this matchless engine.



Straight 6



Jaguar V12

Economic and eco-friendly

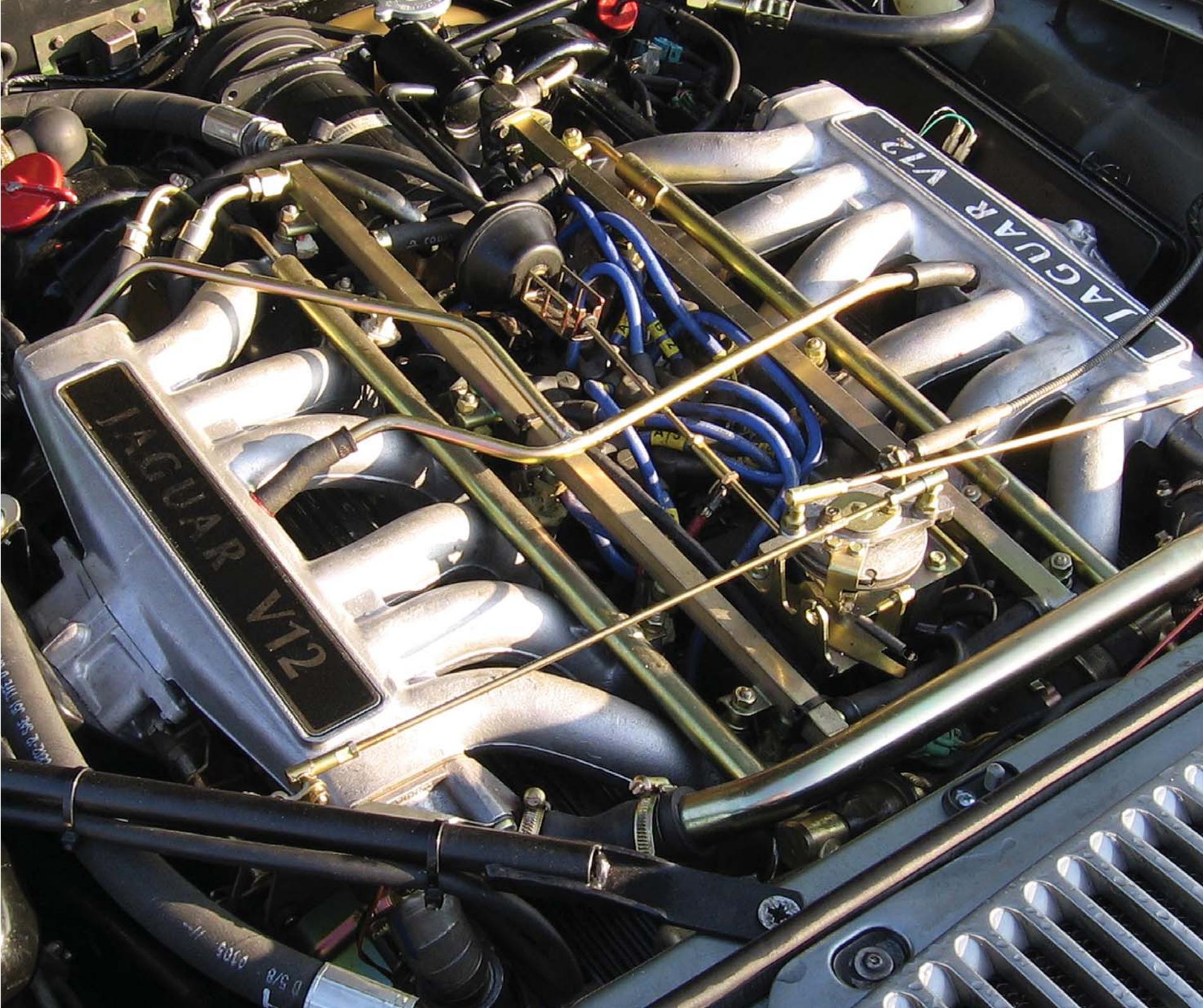
Similarly, the much-improved 4 litre 6 cylinder engine is capable of modern levels of fuel economy and low emissions, whilst still achieving impressive performance through its four speed automatic gearbox and digital fuel and ignition systems.

The classic 4.2 litre XK engine found in the K6 (XJ6) can also be modernised by KWE. This allows today's drivers to not only revel in the unmatched style and elegance of one of the most beautiful cars ever designed, but also to enjoy delightfully smooth and relatively economical motoring.

Optimum reliability

With all KWE cars, the primary emphasis is on reliability and long-life. We have accomplished this through a careful process of learning and evolving. We've meticulously analysed real-life failures over more than two decades of these cars' history. Armed with that knowledge, and the ability to make best use of today's materials and technology, we have made these sporting cars more dependable, comfortable and enjoyable to experience.





motoring as it
should be



Dynamic handling

The suspension, brakes and steering systems used in KWE cars were honed and fine-tuned by Jaguar for over 30 years, culminating in the 1996 XJS. We have developed these systems even further – adding an inspiring new dimension to contemporary levels of handling without in any way diminishing the unrivalled magic of a Jaguar ride.

Keeping pace with today's needs

We have systematically identified, analysed and eliminated any failings. Also, our highways and the way we drive are much changed. Road quality has improved since the systems were first designed, and we have managed to capitalise on that by giving drivers more feel and control.



Putting the fun back into motoring

Most modern cars are designed and built with a major emphasis on ease of manufacture, rather than driving pleasure. With the result that driving is often boring, mechanical, unresponsive and unenjoyable. KWE Jaguars return control to the driver, and with that the joy and excitement so often missing in most contemporary vehicles.

In bringing back enjoyment to motoring, our build process includes:

- Full dismantling and rust protection
- Full renewal of all moving and resilient components
- Selected parts replaced with modern materials
- Safety enhancements
- Optional wheel and tyre combinations for performance and comfort
- Adjustable dampers (shock absorbers) as standard
- Optional brake improvements
- Ride height adjustment to suit speed humps

Comfort & style

All Jaguars were originally designed to incorporate the very highest quality achievable in their price range. This is most evident in the superb interiors, where leather and wood dominate. Details such as these are what makes a Jaguar stand head and shoulders above the rest.



Quality interiors

KWE has embraced this philosophy and created even more stunning interiors - further enhancing the unique driving experience of an impeccably modernised KWE Jaguar.

Our elegant interiors feature:

- Superb hides from Scotland and Italy, cut and stitched by seasoned experts
- Wood panels, re-veneered in the highest quality American burr walnut, and lacquered to coachbuilt standard
- Luxurious Wilton carpets, usually with colour-coded leather edging

First class specifications

Our standard specification far exceeds the original quality. But our customers can also enjoy almost any combination of colour and material they choose, including two-tone leather, contrasting piping and textured panels. We invite prospective owners to view all our available interior designs. So each car meets the specific requirements and tastes of its owner.



Excellent accessories

Although KWE Jaguars are not reliant on modern electronic equipment for their appeal, we do offer a wide range of audio, satellite navigation and other high technology. Dual tuner audio head units with single CD and iPod capability are standard.

Additional options include:

- Built-in Bluetooth connectivity for mobile phones and audio sources
- Satellite navigation
- Remote locking and alarm/immobilisation
- High intensity xenon headlamps
- Rear parking sensors
- Advanced loudspeakers, amplifiers and subwoofers
- DVD players and remote screens



The image shows the interior of a car, focusing on the front seats. The seats are upholstered in a light cream or beige leather with vertical ribbing and black piping along the edges. The car's interior trim is black, and the door panel is also visible. The text "style, power, entertainment and beyond" is overlaid in a white serif font on the right side of the image.

style, power,
entertainment
and beyond

the shape
of the
future



The dynamic Jaguar XJS



The Jaguar XJS is quite simply the most satisfying sports-touring car on the market, designed to provide the ultimate in performance, the peak of luxury and the height of unashamed driving pleasure.

In control

KWE selected this car because it provides the ideal combination of technology with an unimpeded direct driving experience. Unobtrusive systems maintain the engine in prime condition without reducing driver control. Unlike so many modern cars which insulate the driver behind computers and overblown safety measures which inhibit driving, limit visibility and constrain driving pleasure, an XJS puts you in the perfect driving position and in complete control.

Improving and perfecting

As with all our cars, firstly we remove any design or manufacturing defects, returning reliability and performance to each car. Then we sensitively improve major elements such as handling, grip, braking and acceleration. All the time retaining that wonderful Jaguar profile and that fabulous Jaguar ride.

Any concerns about older vehicles are systematically addressed, leaving the owner with a car that is infinitely better and more durable than when it originally left Jaguar's Coventry factory.

Longer life and total exclusivity

Everything is done to maximise reliability and ensure a longer working life. This includes a new engine, suspension, electrics, interior, paintwork and more. Our design process ensures that the cars are as easily serviceable worldwide now as they were when factory-new.

The XJS bodywork is designed to have exceptionally low drag and so can easily achieve the 3-figure speeds of its modern stablemates. Original designer Malcolm Sayer's shape resembles no other car – giving owners that rare thing: complete exclusivity on the road!

KWE offers all engine and body variants – 5.3 and 6.0 litre V12, 3.6 and 4.0 litre straight six engines in coupé or convertible bodies. We also provide a wide range of interior trim options from contrasting piping to multi-colour leather.



Two Tone Leather Interiors



Pre Face-lift Convertible



Pre Face-lift Coupé



Part Face-lift Convertible

bringing back
luxury and style



The stunning Series 3

K6 K12

The Series 3 XJ saloon is widely regarded as the most beautiful 4 door car ever made. KWE has brought it bang up to date to deal comfortably with the 21st Century's driving needs and conditions. For performance, comfort, handling, and looks that are simply unequalled, it's in a class of its own.

Looks, power and reliability

The K6 is based on the Jaguar XJ6 Series 3, using an updated version of the classic XK 4.2 litre fuel injected 6 cylinder engine. Subtly improved in handling and performance the K6 offers matchless comfort and driver-appeal. All whilst enhancing the style of the original and increasing power and reliability for dependable, safe motoring.

Performance and elegance

The K12 uses a further-improved but highly stylish XJ body and is powered by one of the truly great engines – the Jaguar 5.3 litre V12. The V12 offers massive but refined performance, and this silkiest of production engines delivers seamless progress and reliable, rugged long life.



A complete package

The K6 and K12 driving experience is fully adjustable – from motorway-pounding sports saloon to wafting rural luxury. The refined interior is fully renewed with new burr walnut, Wilton carpet and Italian hide on seats, doors and console – to each customer's specification at no extra cost.

Both these cars are available with original paintwork and fittings for those who favour originality, or fully re-prepared bodywork in any colour for the ultimate bespoke motor car.

All our cars enjoy climate-control air conditioning, fuel injection and electric seats amongst many other luxury items, and all run on unleaded fuel. A wide range of audio and other electronic packages is available.

the power
to transform your
Jaguar



KWE Upgrades

At KWE we also specialise in careful, sensitive upgrades, tailored entirely to your instructions. We will take your own XJ6/12 or XJS and upgrade it precisely to your specifications or to ours if that's your preference. Why not give your cherished classic Jaguar a new lease of life, confident that the investment will be fully recouped through renewed motoring pleasure and reliability.

Fixed costs

KWE offer a largely fixed-price menu of upgrade and restoration options, giving the customer control of costs and specification. Most packages can be applied separately, with timing to suit individual budgets. We usually suggest dealing with the basics first, such as rust protection and suspension renewal, moving on to engine, body and interior improvements.

Catering for your personal style

We have long experience in upgrading customers' cars and can suggest appropriate packages. But we can also convert owners' desires into reality – a fully-bespoke car that reflects the driver's taste and imagination.



Bespoke Interior

Examples of our packages include:

Engines

- Full engine rebuild with power enhancement
- Intensive overhaul for reliability and performance
- Medium overhaul for low-mileage engines
- Conversion to LPG/Petrol dual fuel operation

Handling

- Full suspension, brakes and steering renewal and upgrade

Transmission

- Transmission upgrade to 4 speed auto or 5/6 speed manual

Tyres

- Sports or touring wheel & tyre upgrades

Body

- Full body restoration and repaint
- Exterior, same colour repaint
- Paint blemish removal

Interiors

- Full new interior – carpets, leather, wood
- Partial upgrade of seat leather
- Deep clean and feed

ICE

- Upgrade of audio and other electronics systems

All our upgrades are comprehensively photographed throughout the process, and a CD of these pictures along with a Certificate of Work is presented to the owner. Customers are invited to visit the works as often as they wish during upgrading.



Rust Protection



Full Body Repaint



Engine Rebuild



Full Suspension Renewal

Equipment

The Jaguar XJ and XJS were originally amongst the most lavishly equipped and finished cars available. Yet KWE have added more discreet improvements, without swamping the car's driver-appeal with unnecessary gadgets. Our aim is genuinely to improve the driving experience, without making it even more complex.

Examples of our equipment packages include:

Performance equipment

- Staged engine power enhancement
- Tuned exhaust systems
- Custom fuel injection and ignition control systems
- Revised transmission ratios
- Manual gearbox conversions
- Economy tuning including LPG conversion

In car equipment

- Modern yet discreet audio upgrades
- Built-in satellite navigation
- iPod and USB music sources
- DVD players
- Auto-dipping rear view mirror

External equipment

- Rear parking sensors
- High intensity xenon headlamps
- Enhanced security equipment

Handling equipment

- Wide range of wheels and tyres from comfort to super-sporting
- Enhanced suspension control devices
- Stiffening for convertible bodies
- Sports spring packs
- Classic wood-rim and modern sports steering wheels
- Up-rated braking systems



Becker Dual Tuner



Built-in media system



Wood-rim Steering Wheel



Original Leather Steering Wheel



Momo Racing Steering Wheel



Original Steering Wheel
Wooden Conversion

a fully
professional
service



1. KWE – 5 spoke single piece



2. KWE – 5 spoke 2 piece



3. KWE – 10 spoke single piece



4. KWE – 12 spoke 2 piece



5. KWE – 16/17" HDV Pepperpot



Colours – the choice is yours

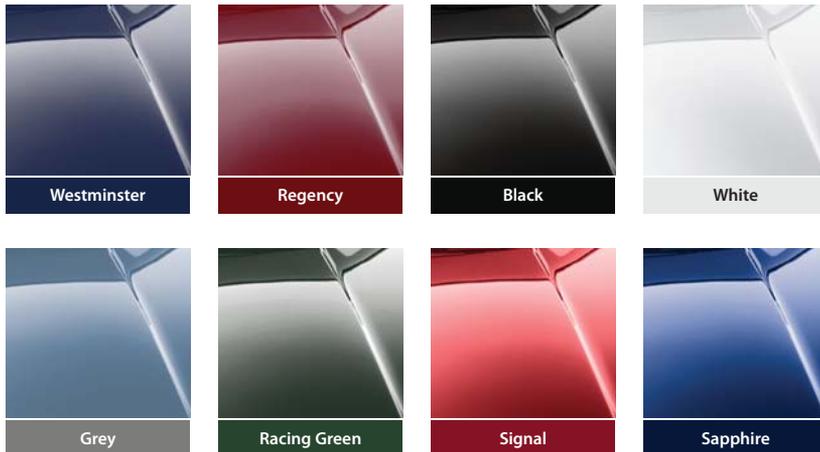
KWE cars are offered not only in all the original Jaguar colours but also in any other manufacturer's colour – or indeed any custom colour. Modern paint systems also provide excellent colour matches to existing paint where only a partial repaint is required.

Professional protection

At KWE you'll discover that we differ from normal body shops. Only a full, bare-metal respray can guarantee that rust and old repairs are fully remedied. Where we differ from normal bodyshops is in the careful removal of trim before preparation and painting – and even more careful re-assembly, making sure all components such as door locks, mirrors and lamps are fully serviced or repaired beforehand.

All the correct fasteners are used where possible, and everything is greased for easy disassembly, and rust-protected for long life. Most importantly, bodywork repairs are not confined to the exterior, but proper rust protection is applied to the invisible areas of a repair, ensuring a very long life.

Classic Paint Range



Modern Colours



Although we do our best to make sure that the colours printed in our brochure are accurate, actual colours will vary. Our colour charts should only be used as a guide to our colour range.

Exceptional materials

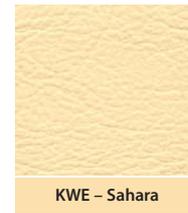
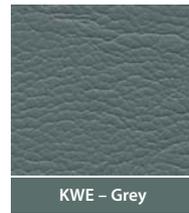
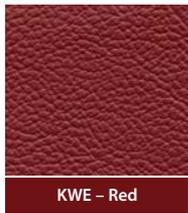
KWE interior upgrades use only the finest materials, such as supple hides from Scotland and Italy, deeply figured burr walnut from America and Europe, Wilton carpet and boot carpets properly edged with leather or vinyl.

Luxury and more

Stylish. Comfortable. Relaxing. A KWE interior is a luxurious place to be, with the wonderful aromas of fresh leather, the sight of glistening woods and the warmth of a wool carpet. We help every customer through the interior specification, based on long experience, sound advice and a little of our own in-house creative flair. For instance, we understand that

matching the seat and door card piping to the body or convertible hood colour is very popular. Additionally, by contrasting carpet edging with finely crafted floormats, special textures such as perforated centre sections and subtly contrasting colours of leather, can all help to stamp your own distinctive character and requirements on your Jaguar.

Leather Range



Carpet Range



Trim

Although we do our best to make sure that the colours printed in our brochure are accurate, actual colours will vary. Our colour charts should only be used as a guide to our colour range.



Sustainable Motoring

Sustainable motoring is a cornerstone of the way we approach our business. Our philosophy is to provide renewable motoring using the most desirable features of luxury cars.

Why is that so important? Because, using a re-manufactured car reduces the cumulative environmental impact in building yet another brand new car.



Helping the planet

In choosing to re-manufacture the Jaguar Series 3 XJ and the XJS, KWE sought to provide the most beautiful and accomplished cars as alternatives to new vehicles – but with negligible cost to the Earth.

The manufacture of new cars consumes enormous amounts of irreplaceable raw materials – platinum, palladium, indium and tin for example. Not to mention the energy cost of manufacturing and supplying new cars in a global market. None of these can ever be replaced for future generations.

KWE – the sensible alternative

But the alternative of a second hand car can be unreliable, worn-out and frankly, pretty unsightly. Which is why we think the answer is to choose one of the best cars ever made and renew it – indefinitely.

KWE's manufacturing costs in energy and resources are tiny compared to the continuous waste involved in producing the equivalent number of new cars every year. Most of which are crushed and scrapped within years. Contrary to common belief, the materials recycled from scrapped cars are not re-used to make new cars, and the rarest minerals are lost forever.

KWE continues to redevelop older designs by using modern technology. The result? Improved economy and lower CO₂ emissions. A re-manufactured car is the greenest way to achieve personal transport. And a KWE car is the most desirable choice.

FAQs

Does KWE supply the cars or can I have mine re-engineered?

No problem either way. A full, serial-numbered and warranted KWE must have been sourced by the company in the first place, but we are happy to re-engineer a customer's car provided it meets our stringent requirements for safety, minimal corrosion and accident damage. And it also must have an unblemished interior. In the case of XJ saloons, it must be the Sovereign model to achieve KWE's standard specification, but again we can work with lower-spec cars by agreement.

Where do KWE get their cars?

We buy cars that have been privately advertised, often by enthusiasts and car club members.

Do I have to get involved in a lot of technical discussion?

Only if you want to! Our primary aim is to supply 'turnkey' cars to our own very high specification so that we can keep costs and delivery times down. But we are happy to get involved fully with special requirements, and our K3 model in particular specifically requires customer input.

Which parts do KWE replace?

We replace nearly 200 parts in the engine, suspension, steering and braking systems. Most are Jaguar original specification parts, but to improve handling and reliability we additionally replace some key components using modern, uprated materials.

How long will I have to wait?

It's quite simple. From the moment the specification is agreed and the deposit is paid KWE will deliver a K6 or KS in around 12 weeks. A K12 will take a little longer due to its V12 engine – typically 16 weeks. Upgrade times depend on specification, but an S1 suspension will take about 6 weeks. In all cases, an optional bare metal respray will add at least 6 weeks to the delivery time.

How can I pay?

Again, we try and make it as easy as possible. KWE requires an initial deposit of 30% paid with acceptance of order, or 50% in the case of an upgrade. Thereafter one intermediate payment just before final assembly, and a final payment immediately prior to delivery are required. The price is fixed from the beginning so there won't be any nasty surprises! We can accept payment in all the normal ways including Internet Bank Transfers. Finance can easily be arranged through specialist classic car finance brokers.

Why don't I just buy a second hand Jaguar?

Obviously you can - but it will not be nearly as good! All Series 3 Jaguars will be over 15 years old and so the engine, brakes, steering and suspension will contain many components that are long beyond their safe and functional life. In presenting these cars as re-engineered, we fully expect them to last the owner's lifetime. We provide a one year warranty with very few limitations and KWE

will continue to support the car, and keep in touch with its owner, long after the sale is concluded. But most importantly, our cars are much improved over even an unblemished second hand car, and embody ride and handling characteristics well beyond the original. We leave nothing to chance, replacing all safety-related components automatically.

How do I get my Jaguar serviced?

KWE have been careful to ensure that any Jaguar main dealer or Jaguar specialist garage can service a K6, K12 or KS, both in the UK and abroad. While KWE prefer to carry out servicing and repairs ourselves so that we can maintain peak performance standards, we recognise this won't always be possible. All non-standard parts can quickly be obtained from KWE or the manufacturers.

What about fuel consumption?

At 14 - 30mpg the 4.2 litre K6 achieves about the same consumption as a modern V8 Range Rover, Mercedes S class and BMW X5 and other heavy road cars. At higher speeds the relatively low frontal area of a K6 allows much better consumption than most of today's tall vehicles. This is especially true of the KS which can achieve over 18mpg at 100mph – even in V12 form!

What about company car drivers?

No problem here either. Our cars cost about the same as mid range executive saloons, but apart from having one of the best engine and suspension setups ever, they are loaded with comforts, including climate control, which are usually cost-options on new cars in this category. Even better, the personal taxation cost related to emissions for new cars is going up year after year (see www.smmf.co.uk/co2/co2intro.cfm) while the taxation cost for classic cars remains fixed to their market value. Lastly, depreciation on classic cars tends to be very low. If in doubt, talk to your Financial Director.

Isn't a Jaguar hard to drive?

Not at all. We find our customers love the sense of control and safety. The KWE re-engineering process gives these cars even better steering response and better stability on the road, making the driver feel very much in control. The effect is to shrink the car around the driver. Visibility is excellent, steering is light and precise and the automatic gearbox is simple and straightforward. We think our K series cars are ideal for any busy professional who wants a car that never lets them down and outshines the other cars in the car park!

Are they just for weekends?

Absolutely not! These cars are brought up to a condition where they could and should be used for normal everyday travel and commuting. They are so wonderful to be in and to drive that you should use them all the time! What would you rather be sat in when stuck in today's frequent jams?

Aren't old Jags rusty?

Sometimes but not always. KWE has a rigorous selection procedure that eliminates significant rust in its donor cars. After the strip down, all cars are further inspected for structural or cosmetic rust which is then treated or repaired. One of the last processes is to inject all cavities with a rust proofing agent. KWE recommends having this inspection and proofing process repeated every second year. This regime eliminates any further rusting. Furthermore if the customer specifies a bare metal respray it is then possible to inspect any previous repairs and rectify them if necessary.

Aren't old cars unsafe?

Definitely not in the case of KWE cars. And here's why:

- First, Jaguars, being large and strongly built, have an excellent safety record
- Second, KWE inspect as far as is possible for any structural flaws.
- Third, we automatically replace all safety related components in the steering and braking systems.
- Fourth, we test drive the vehicles after final assembly for substantial periods partly to run in the engine but mostly to stress the new components to eradicate any latent faults.
- Finally, the cars all have fresh MOT Test Certification.

Can I have a new interior?

Yes. KWE only offers cars with good condition interiors with very few marks, if any, to leather and woodwork. However you can specify the High Specification (HS) variant of each model which includes a bare metal respray and fully renewed interior – seats, dash, door cards, all veneers, headlining and carpets. Or you can simply add just some of these renovations to the standard model.

What's tax and insurance like?

Currently, cars built before 2001 are taxed at a fixed rate and do not attract a large-engine premium. Please visit our website for latest information. Classic cars tend to attract lower premiums than modern cars and there are many brokers offering specialised policies. Limited mileage policies are particularly good value, and we can recommend several specialist insurers.

What about long term support?

KWE intends to be in the business of re-engineering motor cars for the foreseeable future. The founders recognise that for our business to prosper we must offer after-sales service and engineering support for the life of the vehicle – and this is what we do.

What fuel do the cars use?

All our cars are set up for 95 unleaded petrol, though rather better performance can be obtained with 98 super-unleaded fuel. KWE recommends Shell V-Power or BP Ultimate. KWE cars are particularly suited to conversion to LPG due to their large capacity boots in which substantial gas tanks can be fitted without sacrificing too much luggage space. Fuel consumption on LPG is similar to petrol so saving roughly half the amount.

Technical Data

	KS6	KS12	K6	K12
Designation	AJ6/16	JV12	XK	JV12
Cylinder arrangement	in line 6	V12	in line 6	V12
Capacity (Litres)	4.0	5.3/6.0	4.2	5.3
Cams	dohc	sohc/bank	dohc	sohc/bank
Valves	24	24	12	24
Power (peak, standard, bhp) ¹	225/250	290/330	205	290
Power (KWE Tuned, bhp) ²	245/275bhp	320/360	230	320
Acceleration 0-60 (sec)	7.5	8/7	10	7.6
Top speed (mph) ^{1,3}	140	150	124	146
Length (body, m)	4.8	4.8	5	5
Width (body, m)	1.8	1.8	1.8	1.8
Weight (kg) ⁶	1700	1770	1830	1920
Ground clearance (mm)	140	140	180	180
Fuel (type, RON) ⁵	Petrol, 95	Petrol, 95 ⁴	Petrol, 95	Petrol, 95 ⁴
Fuel capacity (Litres)	82	82	91	91

Notes
1 Jaguar figures
2 Estimated
3 Untuned
4 Pre-Jul 1981, 98 RON
5 LPG may also be specified
6 Weights differ on convertible and cabriolet





We would like to invite you to our Newbury workshop to see how we rejuvenate a future classic.
For help and advice please call: **01635 300 30**



86 New Greenham Park, Thatcham, West Berkshire, RG19 6HW, United Kingdom
Tel: +44 (0) 1635 300 30 Fax: +44 (0) 1635 300 37 Email: jaguar@kwecars.co.uk

kwecars.co.uk/jaguar

