The automotive aftermarket magazine!

WHEEL OF FORTUNE

SPECIAL OFFERS
PRIZE DRAW
COMPETITIONS
NEW PRODUCTS

www.autoinsiderlive.co.uk

And
Page

THE LATEST NEWS, INFORMATION AND PRODUCT UPDATES

ISSUE 08 - Spring 15

22/04/2015 22:00 Page 1
Welcome to the latest issue of AutoInsider magazine.

Since the last issue, we’ve held the first of our AutoInsider Live! events, with four more taking place throughout the year.

With interactive displays, competitions, giveaways, technical seminars and even the chance to win a MINI, garage technicians and apprentices from across the Midlands enjoyed Andrew Page’s last AutoInsider Live! event at Stoneleigh Park on March 19th.

Next events:
- Sandown Park, Surrey on 14th May
- Metro Arena, Newcastle on 18th June

We continue to introduce new innovations, such as our cataloguing partnership with CarweB and MAM software, along with all the latest products such as the SPIN range of air conditioning equipment. You can read more about these in the pages of this magazine and, of course, find out more by attending one of our AutoInsider Live! events – see www.autoinsiderlive.co.uk for details.

Cataloguing partnership supports growth

The UK’s foremost vehicle and parts data platform providers, CarweB and MAM Software, have signed an exclusive partnership deal with Andrew Page to more accurately map OE parts suppliers’ data against the UK vehicle parc.

Mark Saunders, CEO of Andrew Page stated: "Combining the best of CarweB and MAM has created an industry leading cataloguing solution and is a very exciting development for Andrew Page. We have been evaluating a number of cataloguing options over the past year to support our growth ambitions and this was far and away the best."

Combined with MAM’s integrated business systems, Andrew Page can now offer catalogue content on a common platform for direct telesales, national accounts, workshop management systems and also on-line, all in real time.

"We’re delighted to extend our long standing relationship with Andrew Page," said Mike Jamieson, CEO of MAM Software. "Autocat+ is an online vehicle parts catalogue, and a key part of MAM Software’s product offering. It delivers several benefits to Andrew Page, including accurate, up to date parts data, instant access to parts information and a simplified product search. Having Andrew Page as a customer is a great endorsement, and we look forward to working with them in the future."

Andrew Page has continued to invest in its long-term success by enhancing its Markham Vale distribution centre. The Derbyshire-based facility will see an increase in floor space of nearly 40%, taking it to 138,000 Sq. ft with the installation of a mezzanine level later this month. This addition equates to approximately two miles of additional shelf space, adding to the existing 9,300 bulk pallet locations, and means that Andrew Page is able to hold greater levels of stock and a broader range of product lines.

Despite comprising of over 52 tonnes of steel for the main support and uprights, and over 30 tonnes of secondary steelwork for floor beams and rails, the mezzanine level has taken less than two weeks to fully assemble.

Based out of its Markham Vale distribution centre, Andrew Page operates an innovative overnight stock replenishment service, fulfilling orders at each of its 114 nationwide branches up to twice daily. Covering over 62,000 SKUs from over 200 brands, Andrew Page’s distribution system is geared to ensuring that its customers have the right part at the right time.
Supplier News

Introducing SPIN Air Conditioning Equipment

Founded in Italy in 1978, SPIN is an Italian manufacturer supplying the multinational automotive aftermarket. As a young and dynamic business, SPIN prides itself on employing professionals who are trained to fulfill and match the needs of the modern market.

The main objective of SPIN is the supply of a range of high quality garage equipment. The research and development department is engaged in continuous innovation programs, whilst the production department carefully carries out controlled tests performed on all products at each stage of manufacture, in addition to final testing of all machines.

The Spin range of air conditioning machines offers excellent levels of functionality using the latest technical advancements in both machine development and component manufacture, whilst remaining highly competitive with like for like quality competitor units.

You can view the SPIN range at AutoInsider Live on the AP-Tech stand.

A hat-trick of awards for WhoCanFixMyCar.com

It’s been something of a rollercoaster 12 months for WhoCanFixMyCar.com, the online lead-generator for garages, mechanics and dealerships. Following a sixfold increase in leads generated, the addition of 1,500 new member garages, parts purchasing integration, and a complete relaunch of the WhoCanFixMyCar.com website, the business was also delighted to be named as a ‘Rising Star’ at this year’s Northern Tech Awards in Leeds on Thursday 26 March.

But that’s just the latest in a succession of awards coverage reflecting the rapid growth of the platform, with a total of three accolades in the past four months:
- ‘Rising Star’ at the GP Bullhound Northern Tech Awards 2015
- Everline Future 50 ‘Most Disruptive Businesses in the UK 2015’
- Shortlisted for Smarta 100 ‘Microbusiness of the Year’ 2014

Each event seeks slightly different qualities in their awards categories, such is the broad appeal of the WhoCanFixMyCar.com brand.

Learn more about WhoCanFixMyCar.com on their stand at AutoInsider Live!

BGA Launch Viscous Fans

BGA have launched a range of Viscous Fans, which are now available through the Andrew Page branch network.

The Viscous Fan, otherwise known as a Fan Clutch, is a thermostatic device commonly used in many Asian and European RWD vehicles. This intelligent component improves engine efficiency by regulating the RPM of the engine fan and cool air supply.

FEATURE POINTS
- 60 Viscous Fan part numbers covering 95% of the UK car parc
- Viscous Fan part numbers available with cooling fan blades
- Full competitor and OE cross-reference
- References available for both European and Asian applications
- OE matching quality
- 12 month warranty

Visit the BGA stand at AutoInsider Live for more on their Viscous Fan range.

Mintex rewards garages with "Give me a brake" campaign

Open to all Andrew Page trade account holders, our Mintex "Give me a brake" campaign features a number of promotions throughout the year, with prizes varying from chocolate bars and race experience days to VIP Goodwood Revival tickets and even a BMW MINI.

By purchasing Mintex brake pads, discs and calipers through an Andrew Page distributor, any garage can qualify for the prizes, which will be available across the year through a number of competitions. With a mixture of instant, low-value wins and larger rewards for continued good performance, there are opportunities for all garages to win, regardless of their size.

The “Give me a brake” campaign will include instant rewards and ‘scratch to win’ opportunities upon order completion, as well as larger rewards for the top-performing garages. ‘Scratch to win’ prizes include VIP Goodwood Revival tickets and money off vouchers, while the larger rewards include a Palmer Race day track experience and a BMW MINI.

For more information on the campaign and how to get involved, garages should visit: www.givemeabrake.co.uk or visit the Mintex stand at AutoInsider Live!
TRUST. They did. Still do.

Lasting relationships are built on trust and respect. Our's with Honda was forged in 1965 when we helped them on their way to their (and our) maiden Formula One victory. Today that bond is as strong as ever with NGK spark plugs chosen as OE fitment across their range of road cars and their latest Formula One power plant.
ENSURING A LONGER SERVICE LIFE OF DIESEL PARTICULATE FILTERS

The complete package for workshops: cleans blocked filters and prevents new blockages!

The increasing prevalence of diesel particulate filters has meant an increase in problems with the sensible filter technology. Particularly in the case of short journeys, the filters do not meet their planned mileage but are instead blocked much sooner. The additive specialist LIQUI MOLY shows how the expensive replacement and new problems can be avoided.

Cleaning the filter instead of fitting a new one is the motto at LIQUI MOLY. This works particularly well with vehicles making short journeys that have filters blocked with soot. After they are filtered out, normally the soot particles are burned out of the filter at regular intervals to prevent it from clogging up. However, a certain exhaust gas temperature is required for such regeneration. This temperature is often not reached particularly by cars used for short trips. The result: the particulate filter clogs up increasingly reducing engine performance.

At the bottom line, the engine can quit operating altogether, making it necessary to install a new particulate filter. This can happen after driving as little as 12,000 miles. Normally the service life of a particulate filter is significantly greater than 60,000 miles. Along with the mileage, the fuel quality also also has a role to play: the more problematic it is, the faster the particulate filter becomes blocked.

In order to get a handle on the problem with prematurely blocked particulate filters, LIQUI MOLY has developed a cleaning set for workshops with which the filters can be quickly and economically cleaned while still fitted. This is a cost-effective alternative to an expensive replacement. Whilst a new diesel particulate filter will cost several thousand euros, cleaning it only costs a small fraction of that. It takes just 30 to 60 minutes, meaning it can be done while the customer waits. The cleaning is not only used for concrete problems, but can also be used preventively for every major inspection in order to increase operational safety.

The DPF cleaning set by LIQUI MOLY is a professional product developed exclusively for workshops. The DPF protection is also suited to car drivers themselves. This is a fuel additive which is simply added to the tank. Its active ingredients survive the combustion chamber and then reduce the temperature required in the filter for the automatic regeneration by around 100 degrees. The benefit for drivers over short distances: with the DPF protection in the tank, the automatic regeneration can take place more often, meaning the filter does not become blocked as quickly.
The series of regional aftermarket tradeshows kicked off for 2015 in the Midlands, with the first of five shows over the year. Building on the success of last year's events, the show provided a unique mix of activities designed to help qualified and aspiring vehicle technicians stay up to date with the latest developments, in everything from component parts to diagnostics and training.

Covering 24 local Andrew Page branches, including those in the West Midlands, East Anglia and Eastern regions, the Stoneleigh Park show included the Capital Equipment area, for larger exhibits including scissor lifts, tyre changers and wheel balancers.

The Stoneleigh Park event was also the venue for the first in a series of nine regional events for the Unipart Car Care Centre network, designed to give network members the chance to familiarise themselves with services and products now available to them through its relationship with Andrew Page.

In addition to presentations, technical seminars from WhoCanFixMyCar.com and LuK, a live demonstration area and supplier exhibits, the exciting one-day event was supported by the automotive industry’s leading suppliers, including Mintex, Mann + Hummel, Yuasa and Bosch.

As well as having the chance to meet suppliers face to face and see what new products were available, attendees from all five events will be entered into a draw to win a MINI. Entry to the draw is completely free, with the winner announced at the final AutoInsider Live! event of 2015, taking place in Doncaster this November.

“It’s great to bring AutoInsider Live! to the Midlands and we’ve been impressed with the enthusiasm for the show,” explained Annalize Davy, Marketing Manager at Andrew Page. “It’s been the best attended of our shows to date, getting 2015 off to a flying start, and is an important step as we grow AutoInsider Live! over the year.”

With interactive displays, competitions, giveaways, technical seminars and even the chance to win a MINI, garage technicians and apprentices from across the Midlands enjoyed Andrew Page’s last AutoInsider Live! show which took place in March at Stoneleigh Park.

The remaining 2015 AutoInsider Live! trade shows will be held at:

- **Sandown Park** in Surrey, taking place on Thursday May 14, followed by
- **The Metro Radio Arena**, Newcastle, on June 18, (See Page 11 for details)

Then in the Autumn - **The Imperial War Museum**, Duxford, October 22 and **Doncaster Race Course**, Yorkshire, on 26th November.

Pre register for AutoInsider Live! by visiting our website - [www.autoinsiderlive.co.uk](http://www.autoinsiderlive.co.uk)
WIN A KINDLE FIRE!

At each upcoming AutolInsider Live! Show, we are holding a Prize Draw where you could win a Kindle Fire HD 7 and Runner Up prizes of £10 Love2Shop vouchers.

Visit the BM Catalysts stand at the upcoming AutolInsider Live! Shows to enter:

14th May 2015 - Stand C11 Sandown Park, Surrey
18th June 2015 - Stand L2 Metro Arena, Newcastle

BM CATALYSTS RANGE AVAILABLE THROUGHOUT ALL ANDREW PAGE BRANCHES; UP TO 90% MARKET COVERAGE IN STOCK FOR SAME DAY DELIVERY.

Technical Helpline: + 44 (0) 1623 663802
Web: www.bmcatalysts.com

EUROPE’S NUMBER ONE INDEPENDENT MANUFACTURER OF CATALYSTS, DPFs AND FRONT PIPES
ENHANCE YOUR BUSINESS WITH US

- Gain all the benefits of being part of a well known nationwide network whilst maintaining your independence

- Give your customers peace of mind with the Unipart Car Care Centre Nationwide Guarantee. Any work is guaranteed against parts and labour defects for 1 year or 12,000 miles at every Unipart Car Care Centre in the UK*

- A range of professional marketing tools and templates proven to help Unipart Car Care Centres win new business locally

- Unrivalled business savings and profit boosting opportunities

- Consumer and fleet direction

- Flexible dual branded workwear, signage and vehicle livery

**KiS ONLINE is the revolutionary modular garage management system from Unipart and we are offering free 30 day trials. Live demos at the show**

Come and have a chat with us at the Unipart Autoparts stand (F2) to find out more about how the Unipart Car Care Centre programme could enhance your business.

**Exclusive - AutoInsider Live! - 1 day only deals on Unipart products.**

*terms and conditions apply*
In 2014 Dayco introduced a range of water pump kits to provide Andrew Page customers with a new opportunity to increase the profit potential that can be derived from combined timing belt and water pump replacement sales.

The reason behind the addition of water pump kits is the fact that there is a trend among the vehicle manufacturers to integrate more of their engine systems, as they pursue the engine emission and fuel consumption reductions that have been imposed by worldwide legislation. As a result, there are an increasing number of vehicles with engines that now incorporate the water pump into the timing drive system, rather than as part of the auxiliary drive system, hence the requirement for a combined water pump and timing belt kit programme.

"There is complete logic behind changing both components (water pump and timing belt) at the same time," says Dayco UK country manager, Steve Carolan, "as it provides garages with a profit opportunity and their customers with the confidence that their vehicle has benefitted from a full and thorough repair.

Although for the best of intentions, workshops sometimes try to save their customers money by carrying out a partial repair and replacing only the component that has failed or is specified for change in the service schedule, this policy runs the risk of their customers having to face a much larger bill for a full repair at a later date when the component not replaced goes onto fail.

"Therefore, for peace-of-mind and a cost-effective long-term precaution, as well as being the most profitable/cost effective outcome for garages and motorists, Dayco recommend that for all applications that feature a timing belt driven water pump, they opt for a full timing drive system replacement, rather than change a failing water pump or timing belt in isolation."

Dayco offer a comprehensive range of 215 water pump kits that include an original equipment water pump alongside the usual belt, tensioner and idler combination. This provides workshops with all the components necessary to undertake a full water pump and timing drive system replacement.

Three-Year Warranty

Dayco can further extend this peace-of-mind for all parties when fitting one of its High Tenacity (HT) water pump/timing belt kits. These kits include a Dayco HT or 'white' belt and workshops that fit these kits can extend the existing two-year warranty on the kit by a further year and therefore provide their customers with a three-year warranty.

The Long Life +1 year warranty is a perfect example of how Dayco technology can provide workshops with a ‘real world’ competitive advantage over those fitting other brands. It also gives the motorists a level of protection that cannot often be matched, even by the franchised dealer.

The combination of guaranteed OE quality products, relevant technical expertise and product support such as the Long Life +1 year warranty, makes Dayco the first choice for discerning professionals.

www.dayco.com

We’ve thought out of the box to give you the best inside of it.

The best of our service and improvement. All in a single box.

KFT with HT belts constructed with a white fabric coating exclusive to Dayco. HT timing belts are the first choice of OE’s for latest diesel engine generation, like Audi 1.8, 2.0 L, Volkswagen 2.0 L TDI, Volkswagen 1.6, 1.8 and 2.0 L.

Dayco. The original power in motion.
Andrew Page Ltd, one of the UK’s largest distributors of quality vehicle components, workshop equipment, tools and diagnostics will be hosting AutoInsider Live! at various venues this summer and autumn. Part of its popular series of regional aftermarket tradeshows, the event will bring AP customers and suppliers together under one roof.

The event will include product demonstrations, seminars, competitions and retail opportunities.

There will be over forty primary automotive components, parts, tools and equipment brands exhibiting – including: Mintex – Bosch – NGK and LUK

Bridging the gap between suppliers and garage technicians, the one-day event outlines Andrew Page’s unique approach to the industry and features live product and service demonstrations, interactive displays, supplier exhibitions and technical seminars.

The technical seminars are provided throughout the day, giving attendees additional insight and advice on common issues within the Automotive Aftermarket. Further tips and demonstrations are also available from the popular AP-Tech demo area. A high tech, garage technology demo area with the latest engine diagnostic and servicing equipment is available for you to see it in operation.

Details of the next two shows
Correct at time of going to press -

**AutoInsider Live! – Sandown Park (14th May 2015)**

Opening times: 10.00am to 4.00 pm

Sandown Park is an ideal venue for AutoInsider Live! with a catchment area of London and the South East – Andrew Page have over 30 branches within an hours drive

**AutoInsider Live! – Metro Radio Arena – Newcastle (18th June 2015)**

Afternoon / Evening Event (2.00pm to 8.00pm)

This unique city centre venue for Auto Insider Live will be a great hit with customers and suppliers alike – Easy access from all over the North of England by car or public transport makes it possible to change our usual show timing to be less intrusive to the workday but still host all the usual features and benefits of all AutoInsider Live! events.

With over £20,000 worth of prizes and giveaways available:

- Unique Show Offers
- Access to industry experts
- Fantastic deals on all orders taken at the show
- Demonstrations of the latest tools and equipment
- Free Car Parking at the venue
- Goody Bags for all visitor

“AutoInsider Live! is all about bringing our suppliers and customers together, and helps to demonstrate the broad range of products and services available from the Andrew Page network,” said Simon Mullin, Sales and Marketing Director at Andrew Page. “We like to meet our customers directly and maintain personal relationships, something that has always been part of the Andrew Page ethos and key to our success”

We look forward to seeing you there!

Pre register for AutoInsider Live! by visiting our website - www.autoinsiderlive.co.uk
European Union F-gas regulations
From 4th July 2010, in order to legally work on MACS (mobile air-con systems) on cars and car derived vans, all MAC technicians must have achieved, as a minimum requirement, a refrigerant handling qualification (approved by Defra) meeting these EU F-Gas regulations (Commission regulation EC 842/2006 and the later annex to commission regulation EC 307/2008). These vocationally related qualifications (VRQ) are part of the IMI Awards suite of QCF automotive air conditioning qualifications.

Supply of refrigerant, new for 2015
If you are a Technician or if you employ Technicians who work on Mobile Air Conditioning Systems (MACS) and use refrigerant, you must now provide details of all staff qualifications, including certificate number and expiry date, in order to purchase refrigerant. The new legislation requires that you provide this information for all staff within your business.

Why Diesel?
The diesel car parc is increasing with registrations of new diesel vehicles exceeding 50% for the first time in August 2010 – this is 50% of your potential business!

Modern diesels systems operate at pressures of up to and over 2000bar (29,000psi!).

With the correct training and equipment Common Rail Diesel service is within your scope and Andrew Page support the fitting of OE quality replacement units backed up with their support for training and range of diagnostic equipment.

Why Carwood Common Rail through Andrew Page?
- Our 100% promise for remanufactured and exchange units
- 100% replacement of critical wear parts
- 100% use of genuine OE component parts
- 100% testing using OE test plan data, fully computerised, automated testing using OE approved test benches
- 100% traceability
- All Makes Range Availability ‘off the shelf’
- 2 year warranty on all Common Rail units*
- End user Technical Support Hotline
- ‘Test and Report’ and ‘Specials’ Service available through your local branch

A diesel customer is only ever likely to need one set of replacement injectors in the lifetime of the vehicle, fit products you can be sure of.

Fit Carwood

*Terms Apply

Supply of refrigerant, new for 2015
If you are a Technician or if you employ Technicians who work on Mobile Air Conditioning Systems (MACS) and use refrigerant, you must now provide details of all staff qualifications, including certificate number and expiry date, in order to purchase refrigerant. The new legislation requires that you provide this information for all staff within your business.

Why Diesel?
The diesel car parc is increasing with registrations of new diesel vehicles exceeding 50% for the first time in August 2010 – this is 50% of your potential business!

Modern diesels systems operate at pressures of up to and over 2000bar (29,000psi!).

With the correct training and equipment Common Rail Diesel service is within your scope and Andrew Page support the fitting of OE quality replacement units backed up with their support for training and range of diagnostic equipment.

Why Carwood Common Rail through Andrew Page?
- Our 100% promise for remanufactured and exchange units
- 100% replacement of critical wear parts
- 100% use of genuine OE component parts
- 100% testing using OE test plan data, fully computerised, automated testing using OE approved test benches
- 100% traceability
- All Makes Range Availability ‘off the shelf’
- 2 year warranty on all Common Rail units*
- End user Technical Support Hotline
- ‘Test and Report’ and ‘Specials’ Service available through your local branch

A diesel customer is only ever likely to need one set of replacement injectors in the lifetime of the vehicle, fit products you can be sure of.

Fit Carwood

*Terms Apply
Spare parts and test equipment: Bosch has it all

**Bosch products in OE quality.** As the world’s leading supplier of automotive components to car manufacturers, Bosch offers a complete range of automotive spare parts in original quality to the aftermarket. Product areas ranging from: batteries, brake systems, comfort electronics, diesel components, energy supply, filters, fuel injection systems, lighting systems, spark plugs and windshield wipers to the workshop equipment. Bosch offers KTS diagnostic equipment, ESI[tronic] software, training and technical service hotline, completing the parts, bytes and services solution all from one supplier.

www.boschautoparts.co.uk
WINNING PERFORMANCE!

See us at AutoInsider Live

Thursday 14 May - Sandown Park stand A6
Thursday 18 June - Newcastle Metro stand D1

Yuasa’s YBX EFB and AGM batteries with complete configuration and online fitment system. Your one-stop automotive battery solution for quality, performance and reliability.

www.yuasaeurope.com The world’s leading battery manufacturer
Technical Focus

Position Sensors

As vehicle technology continues to evolve, components are becoming more sophisticated. These components are becoming increasingly common in vehicles entering the aftermarket and are no longer restricted to being available from main dealers. Here our Engine Management specialists explain all about Position Sensors.

ABOUT
Position sensors have become a vital part in modern vehicle engine management, replacing many of the older mechanical components. For example traditional throttle actuation was via a direct cable link from the pedal to the carburettor, throttle body or diesel pump, modern throttle control systems are now drive by wire. Drive by wire systems have no physical link from the pedal to the throttle body as the cable is replace with a throttle position sensor on the throttle pedal and a throttle actuator on the throttle body. Using a drive by wire system not only allows for better throttle control which can reduce emissions but also reduces weight and allows the ECU to control systems such as cruise control and limp home mode.

ANATOMY
There are two commonly used types of position sensor, Potentiometer and Hall Effect. Potentiometer type sensors comprise of an arc resistive material in two separate tracks with a wiper arm which slides across the track producing a progressive change in resistance, this signal is sent to the ECU which calculates the angle of the component the sensor is attached to. In some instances one of the two sensor tracks is used as a redundant sensor which produces half the voltage of the first, this sensor is used as a second independent signal which is used for trouble shooting and also provides a more accurate reading.

The Hall Effect angle of rotation sensors use a semicircular magnet disc which generates a magnetic flux, this flux is returned to a Hall Effect sensor via soft conductive elements and a shaft. As the magnetic disc rotates the change in flux is picked up by the Hall Effect sensor, this information is used by the ECU to calculate the angle of movement.

PRECAUTIONS
Some position sensors require a certain fitting procedure when fitted, if not followed the sensor may not function correctly.

For Position Sensor application queries, call our product specialists on 023 9221 0020 or contact your local branch.
The Geneva Motor Show is one of the biggest events in the global automotive calendar. Packed with major new production and concept car unveils, it gets the undivided attention of the world’s car fans every spring.

2015 has proved to be a vintage year as the pre-show kicked off in style with events showcasing some of the key cars from this year’s show - the Honda Civic Type R, Bentley EXP10 Speed 6 and Audi R8 to name a few. Then it was press day proper with a never-ending string of new car reveals. These included Aston Martin’s surprise DBX crossover, the Ferrari 488GTB, the Mercedes AMG GT3 along with many, many more.

One word sums up the current obsession at all levels of the automotive world: Technology - from the standard family hatchback through to the 1.8 million pound limited edition Aston Martin Vulcan, the technology that is crammed into modern cars is truly mind-blowing!

The 85th Geneva Motor Show 2015

The Vulcan is Aston’s new megapowered track car. The name is a reference to the Cold War bombers, with the car set to be the most extreme non-roadgoing Aston Martin yet. This is a limited-edition, track-only hypercar that’s clearly aimed at the same bit of the market as the Ferrari FXX K and the McLaren P1 GTR - you know, the bit reserved for billionaire adrenaline junkies!
Only 24 Vulcans will be produced, and buyers will also get to precisely tailor their track-day experience through a graduating scale of detailed power and dynamic performance adjustments. Just what you would expect for the £1.8 million price tag.

Power comes from a version of the company’s familiar V-12 engine that’s been developed with assistance from Aston Martin Racing. It displaces 7.0 litres and produces “800-plus” horsepower.

The Vulcan’s specifications - built around a carbon-fibre monocoque and carbon bodywork. The engine is connected to a magnesium torque tube and a carbon-fibre driveshaft that channels power to a racing-spec Xtrac six-speed sequential gearbox. Braking is accomplished through Brembo racing calipers gripping carbon-ceramic discs (15.0 inches in diameter at the front, 14.2 at the rear), and the car sits on Michelin racing tyres.

The Vulcan apparently has been built to FIA safety standards, and the chassis also has a racing-style pushrod-operated suspension, adjustable spool-valve dampers all around, and adjustable anti-roll bars. It also gets driver-adjustable anti-lock brakes and traction control.

Owners will get the chance to have a range of tuition options to help them get the best out of the car, up to and including time in Aston’s GT racers and professional motorsports simulators. Thereafter the company is planning “a series of exclusive track-day events . . . that will offer the opportunity for these customers to explore their driving capabilities, and the car’s performance potential, on some of the world’s most famous and glamorous race circuits.” Pretty much the same deal offered to buyers of the FXX K and the P1 GTR.

Let’s just hope that some bright spark puts all three brands on the same track at the same time!
Only parts that pass all of the tests are given top marks.

As a trusted and proven technical partner, the world’s leading vehicle manufacturers trust Schaeffler to design and supply high-tech precision parts for original fitment.

Every LuK clutch, INA belt system component and FAG bearing has been tested and approved to the extreme quality standards demanded (and expected) by the likes of BMW, Ford, GM, Mercedes-Benz and VAG.

So, for a professional repair that will maintain the quality, reliability and performance of the original part - trust LuK, INA & FAG.

Schaeffler. The ORIGINAL Equipment.

You want more? We can help!

www.schaeffler-aftermarket.co.uk | www.rexpert.co.uk | 08457 001100
No worries!

No worries, no pain, no doubts, no bother, no headaches, no trouble, no chances, no risk, no gamble, no compromise, no uncertainty, no sweat, no comebacks, no complaints.

MANN-FILTER - no brainer!

www.mann-filter.com
Introducing SPIN air conditioning equipment

Clever Advance Basic A/C Station with Printer
Our entry model R134A air conditioning station, the Clever Advance Basic comes with some big machine features. With a 12.5Kg heated refrigerant tank, 72ltr/min vacuum pump and comprehensive vehicle database including car, truck and agricultural equipment. Software update via USB and facility to include up to 100 personal database items. Built in printer included.

**Machine Only** - PART NO. WCLEV0031
Show Price: £1495
5YR LEASE £7.94 P/W
3YR LEASE £11.82 P/W

**Machine Inc. Basic Ancillaries** - PART NO. WCLEV0031
Show Price: £1695
5YR LEASE £9.00 P/W
3YR LEASE £13.40 P/W

Offer Includes basic ancillary package, gas & 1 x DEFRA approved training course*

**Breeze Touch BiGas A/C Station with Printer**
The new Spin Breeze model is designed to operate with both R134a and HFO1234yf refrigerants.
No risk of internal contamination between refrigerants due to the machine having 2 evaporators, 2 compressors, 2 condensers, 2 filters and 2 storage tanks. Automatic internal cleaning takes place at each change of refrigerant.
The Breeze by Spin is equipped with a 100ltr/min vacuum pump, 2 tanks of 12.5kg, compressor of 400gr/min and pairs of couplings for R134a and HFO1234yf, and the printer is also included. The unit is has a 6” x 5” TFT colour screen and can operate both on standard installations and hybrid with oil scale and specific software.

**Machine Only** - PART NO. WBREE0060
Show Price: £3495
5YR LEASE £18.55 P/W
3YR LEASE £27.62 P/W

Warranty - All SPIN air conditioning machines carry a full 1 year warranty which can be upgraded to 2 years subject to a service** at 12 months, for an additional cost of only £195.00 + VAT (SPIN breeze £225.00 + VAT) saving up to £30 on usual service cost.

*Training course to be taken on day of delivery. Offers subject to availability and valid to customers attending the AutoInsider Live! events only. ** Service must be paid for at time of machine order. All payments shown are subject to businesses trading in excess of 3 years, status and VAT. New start businesses may require a higher rate. The tax relief shown is for illustration purposes only. For further information regarding leasing options please contact Tony Devanney on 01675 469 208. Andrew Page are regulated by the Financial Conduct Authority (FCA) reference number 496906.
Battle it out for your chance to win tickets to a full day at PalmerSport driving event.

Buy MINTEX® pads, discs or calipers to be in with a chance of winning 2 places to a fantastic day at PalmerSport, where you and a friend will battle it out to be crowned overall champion of the day.

To be in with a chance to win, simply buy MINTEX®, the more you buy the more chances you have to win!

The lucky 15 winners will be announced early July, event day is booked on 8th August 2015.

A MINTEX® Mini is also up for grabs with every purchase of MINTEX® throughout the year. See details of the competition online at www.givemeabrake.co.uk

* Terms & conditions apply, see website for details. Offer ends 30th June 2015.
The Andrew Page Group’s AutoEducation programme has now been running for over 12 years, proving that demand for technical and commercial training is still as great as ever. At the beginning of 2014, the AutoEducation team were also delighted to announce that they have been granted the status of IMI Awards approved centre, and their new one day courses are all now quality assured by IMI Awards.

AutoEducation offers a wide range of courses, starting at foundation level, all the way through to advanced system diagnosis, addressing the challenges facing today’s vehicle technicians. Courses can be booked at the click of a mouse on our website www.autoeducation.co.uk or by contacting the training co-ordinator on 0845 600 6048.

Get a copy of our AutoEducation brochure from your local branch or ask for more details on the Andrew Page stand at AutoInsider Live!
FIT WITH CONFIDENCE
VISIT TECH CORNER

Visit us at your next Auto Insider Live to register for Tech Corner.

Become every customer’s hero with fast, accessible, expert support wherever and whenever you need it.

Whether it’s advice on fitting a new part for the first time or information on how to install an Electronic Parking Brake (EPB), **TRW’s Tech Corner is your FREE personal help guide.**

With easy navigation to find what you want quickly and simple instructions so you can get the job done right, Tech Corner is the helping hand you need.

Our pages are packed with short video demonstrations, step-by-step guides to browse and the instructions you need to get the job right.
18TH JUNE 2015
METRO RADIO ARENA,
NEWCASTLE

26TH NOV 2015
DONCASTER RACECOURSE,
YORKSHIRE

22ND OCT 2015
IMPERIAL WAR MUSEUM,
DUXFORD

14TH MAY 2015
SANDOWN PARK, SURREY

FREE ENTRY INTO OUR PRIZE DRAW TO WIN A MINI!

FREE GOODIE BAG WORTH £125!

ASK IN BRANCH FOR YOUR FREE £50 VOUCHER T&C’s APPLY