GEAR UP FOR WINTER!

Winter is coming… we have everything you need to keep your customers on the road when the cold weather hits!

SEE INSIDE FOR DETAILS...

GET A FREE BTN REGATTA JACKET
SEE INSIDE...

ALSO IN THIS ISSUE
STEERING & SUSPENSION

WET WEATHER BRAKING
Ferodo gives us the details

BATTERY CHECK
Yuasa has everything you need

PROTECT YOUR EXHAUST
Advice on how best to deal with the cold weather

GET SMART
GEAR UP FOR WINTER!

With Winter approaching – and the onset of bad weather and dark nights – now is the time to start thinking about stocking up with essential seasonal “distress purchases”. This time we’re highlighting belts, braking (even more safety-critical on wet and icy roads), coolants and antifreeze, batteries, wipers and exhausts from the most trusted names in the aftermarket so you can be sure of high quality.

We’re also focusing on garage equipment this issue. Would your workshop benefit from a new lift or ATL bay to make your life easier and generate extra revenue? Speak to your local branch about the competitive deals we have available.

We always have available the parts you need every day to keep your business running successfully – why not give us a call!

Are your customers’ vehicles ready for winter?

PicoScope has long been regarded as the number one choice for scope diagnostics, but did you know that included with our award winning PicoScope 6 software is our PicoDiagnostics suite of tests?

The suite includes a powerful battery and alternator test and compression test which form part of the vehicle health check process. PicoDiagnostics can be used to test batteries and charging systems by both vehicle manufacturers and independent workshops.

With PicoDiagnostics you are able to print a fully customisable report for each test completed. This enables you to show the customer the results of the tests, both before and after the fix.

Download at www.picoauto.com/downloads

To learn more about scope diagnostics and other tests you can undertake to solve your diagnostic problems, talk to your local IFA member or visit our website at www.picoauto.com

Please note: All offers end 31 October 2017 and are subject to availability. All prices exclude VAT.

See the back page for branch contact details.
GET READY FOR WINTER WITH KÄRCHER

WE’VE STUNNING ‘HOT’ AND ‘COLD’ DEALS WHEN YOU BUY A 3-MACHINE PACKAGE!

PLUS A SELECTION OF OUR POPULAR PART NUMBERS:

HDS 6/12 C
The HDS 6/12 C is a powerful hot water high-pressure cleaner with steam function suitable for deep cleaning of vehicle exteriors and chassis.

- The 20 litre hopper is very easy to empty and efficiently. The 20 litre hopper is very easy to empty
- Ideal for cleaning paths, halls and warehouses quickly
- Max. temp: 155°C
- Hose reach: 10m
- Operating pressure: 30-120 bar
- Water flow: 240-560 litres/hour
- Power: 3.0kW (240V)
- Part no: 1.169-904.0

Technical specification:
- Drive: Manual
- Max. area performance (m²/h): 2800
- Working width (mm): 480
- Working width with 1 side brush (mm): 700
- Container capacity gross/net (l): 42/20

HD 6/13 C PLUS
Kärcher’s HD 6/13 C Plus is a compact and powerful high pressure cleaner designed for the demanding cleaning requirements of the automotive industry. High water flow and pressure ensure thorough cleaning results even when tackling the most stubborn dirt.

- With variable water pressure, triple nozzle and Dirtblaster nozzle as standard, this machine offers high performance cleaning producing fantastic results and offering quick turnarounds.
- Hose reach: 10m
- Max. pressure: 190 bar
- Water flow: 590 litres/hour
- Power: 2.9kW (240V)
- Part no: 1.520-954.0

Technical specification:
- Drive: Manual
- Max. area performance (m²/h): 800
- Working width (mm): 400
- Working width with 1 side brush (mm): 700
- Fresh/dirty tank: 10/10 litres
- Container capacity gross/net (l): 42/20

BR40/10
Kärcher’s BR 40/10 heavy duty scrubber drier makes cleaning small to medium hard floors easy, delivering outstanding results and helping to keep your workshop safe and compliant with VOSA regulations.

- Featuring twin counter-rotating brushes and twin rubber squeegees, the BR 40/10 cleans and dries hard floors in a single pass. By turning the vacuum system off, the machine can be used for deep cleaning of heavily soiled areas.
- Drive: Manual
- Max. temp: 95°C
- Hose reach: 10m
- Max. pressure: 190 bar
- Water flow: 590 litres/hour
- Power: 2.9kW (240V)
- Part no: 9.621-792.0

Br40/10

Effective cleaning with high pressure
Ideal for pre-washing or detail cleaning, our cold water high pressure cleaners are designed for maximum convenience and performance. Perfect for use were diesel emissions are prohibited or where hot water is not needed.

- Hot water shifts road dirt, grease and oil residues more quickly than cold water, and can reduce the need for detergent. Many of our hot water models feature a steam function for degreasing and de-waxing tasks.

Efficient, effective floor cleaning
From compact, highly manoeuvrable walk-behind models to large ride-ons, Kärcher has the right scrubber drier for every workshop, regardless of the number of bays. For larger workshops, a ride-on machine is recommended for the daily deep clean and a compact model is recommended for quick, simple spot cleaning during the day, ensuring safety and spotless presentation at all times.

- Regular cleaning prevents build-ups of oil, grease, brake dust and tyre marks that can damage tiles and grout lines over time, makes removal of dirt and water transferred from outside easier, and ensures Vehicle Testing Stations are fully compliant with DVSA cleaning requirements.

More efficient than a broom
Mechanically-driven push sweepers are the best product for quick clean-ups and for cleaning smaller areas. They suppress dust and dramatically reduce sweeping time compared to using a broom. Quick, quiet sweeping with a minimal effort.

DEAL 1 (HOT)

- PACKAGE CONTAINS: HDS 6/12 C €1,699.00 *
- KM 70/20: €498.00 *
- BR 40/10 Adv: €1,499.00 *

- DEAL PRICE ONLY: €3,199.00

- YOU SAVE: €597.00

*Price when bought separately

DEAL 2 (COLD)

- PACKAGE CONTAINS: HD 6/13 C Plus: €599.00 *
- KM 70/20: €498.00 *
- BR 40/10 Adv: €1,499.00 *

- DEAL PRICE ONLY: €2,139.00

- YOU SAVE: €457.00

*Price when bought separately

Please note: All offers end 31 October 2017 and are subject to availability. All prices exclude VAT. See the back page for branch contact details.
Don’t let belt failure cost your customer the race! Gates G-Force® belts stand for precise OE fit with drop-in performance and extreme durability thanks to their advanced aramid tensile cord construction. For high-speed powersports applications, step up to Gates G-Force® C12® belts with carbon tensile cords, providing even greater toughness and longevity.

**GATES G-FORCE® BELTS**
**TO KEEP YOU GOING FURTHER**

WWW.GATESTECHZONE.COM
© Gates Corporation 2017 - All rights reserved.
BTN Turbo Jacket Promotion

Get a Free Regatta Jacket Courtesy of BTN Turbo During September!

Order a BTN supplied turbo throughout September and we’ll give your customer a stylish jacket, absolutely free! Helping your customers keep warm, it provides reliable protection from the elements. It’s branded, windproof and waterproof as well as being smart, practical and comfortable.

- All new turbos are 100% OE, as fitted on the vehicle production line
- All OE Reman turbo use 100% original parts, tested and calibrated to OE spec
- 2 year warranty against manufacturing defects on all turbos
- Oil-filled pre priming injector to avoid start-up wear
- Expert diagnostics helpline: 01895 466663

BTN Jacket Terms & Conditions: Receive a FREE BTN Regatta jacket with each BTN Turbo purchased from your local branch between 1st and 31st September 2017. When ordering please specify size required from M/L/XL/XXL & note that sizes will be subject to availability. The jacket will be delivered with the turbo. If returned, a turbo purchased in the promotion must be accompanied by the jacket, or a deduction will be made from the credit. Jackets are subject to availability, whilst stocks last. BTN Turbo reserve the right to offer an alternative of equivalent quality.

Visit our website or call 01353 720531 today for a quote

Think Remanufactured Products
Think Ivor Searle
UK’s leading independent producer of remanufactured engines and all major components

Free next day* delivery throughout UK mainland on all stock items

Why Buy New?
- SAME WARRANTY: Nationwide 12 month unlimited mileage parts and labour warranty, or two years for turbochargers
- SAME STANDARD: All of our products undergo stringent quality checks and test procedures throughout the remanufacturing process
- DIFFERENT COST: Contact us today to see how much you could save

Ivor Searle Ltd, 2 Regal Lane, Soham, Cambridgeshire CB7 5BA
Tel. +44 (0)1353 720531 Fax. +44 (0)1353 727661 Email. info@ivorsearle.co.uk www.ivorsearle.co.uk

See the back page for branch contact details.
BM CATALYSTS DPF AND DPF PRESSURE PIPE RANGES CONTINUE TO GROW

Continuous development of DPF ranges ensure the right products can be delivered at the right time.

1,400 DPF FITMENTS
ALMOST 400 EURO 5 DPF FITMENTS
600 PREMIUM SiC DPF FITMENTS
600 DPF PRESSURE PIPE FITMENTS
UP TO 3 YEAR WARRANTY
DEDICATED TECHNICAL HELPLINE

When replacing a DPF, be sure to check the DPF Pressure Pipes are intact and operating correctly. Pressure Pipes play an important role in ensuring the DPF is operating effectively by assisting in measuring the inlet and outlet pressures of the DPF unit. Faulty Pressure Pipes can produce incorrect results, and can often be mistaken for a faulty DPF unit. This leads to further vehicle problems, and wasted time and money, if left undetected and unresolved.

The entire BM Catalysts range of DPF Pressure Pipes is made from 304 Grade stainless steel to ensure optimum durability.

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

EUROPE’S NUMBER ONE INDEPENDENT MANUFACTURER OF CATALYSTS, DPFs AND FRONT PIPES

Think Filters. Think Blue Print.

Blue Print provides the automotive aftermarket with an exceptional offer of oil, air, fuel and cabin filters.

- Extensive range of over 1,900 filters
- Constant research and development
- Designed and manufactured to meet OE standards, and undergo stringent quality checking
- Industry-leading online catalogue with OEM level accuracy
- 20 years of experience in the automotive aftermarket
JAGUAR XF (2008-15) STEERING RANGE

WITH OVER 100,000 EXAMPLES ON UK ROADS, YOU COULD BE MISSING OUT ON A GREAT BUSINESS OPPORTUNITY!

FAI now offer a comprehensive range of OE quality replacement Steering and Suspension components for Jaguar’s popular XF model at competitive aftermarket prices.

The FAI steering components offer a great sales opportunity over dealers, and with over 100,000 of these modern British luxury vehicles on the road, they are already proving a popular range.

These models are commonly used as private, fleet and even police vehicles in the UK so the range has been developed following considerable demand from FAI customers. As with all FAI steering components, this range of parts undergoes the all-important cataphoretic coating process and stringent testing to ensure that they meet OE specification.

Examples include:

<table>
<thead>
<tr>
<th>FAI NO.</th>
<th>DESCRIPTION</th>
<th>OE REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS6234</td>
<td>Link Rod – Rear, Left</td>
<td>XR81693</td>
</tr>
<tr>
<td>SS5806</td>
<td>Link Rod – Rear, Right</td>
<td>XR81786</td>
</tr>
<tr>
<td>SS9232</td>
<td>Wishbone – Front, Upper Left</td>
<td>XR857653</td>
</tr>
<tr>
<td>SS9233</td>
<td>Wishbone – Front, Upper Right</td>
<td>XR857652</td>
</tr>
<tr>
<td>SS9234</td>
<td>Wishbone – Rear, Upper Left</td>
<td>C2P13877</td>
</tr>
<tr>
<td>SS9235</td>
<td>Wishbone – Rear, Upper Right</td>
<td>C2P13876</td>
</tr>
<tr>
<td>SS9480</td>
<td>Control Arm – Lower, Front Left &amp; Right</td>
<td>C2C13829</td>
</tr>
</tbody>
</table>

ASK YOUR BRANCH FOR MORE DETAILS.
COMPLETE KIT SOLUTIONS

Offering a market leading range of Wheel Bearing Kits consisting of over 1,000 references and a commitment to keeping the range up to date, not only with new model applications but also new technologies.

More importantly, First Line provides complete kit solutions rather than single bearings. Meaning, as standard, Kits include additional components, which may not be included in the Original Equipment or competitor equivalent.

MAKE FIRST LINE YOUR FIRST CHOICE FOR BEARINGS!

100 REFERENCES ADDED IN THE LAST 12 MONTHS. HIGHLIGHTS INCLUDE:

MERCEDES C-CLASS 1.6, 2.0, 2.1, 3.0, 4.0 2014>
OE Ref: 2303560000
First Line Ref: FBK1465

BMW 2 SERIES 1.5, 2.0 2014> BMW X1 2.0 2015>
OE Ref: 31 20 6 874 443 / 33 41 6 867 926
First Line Ref: FBK1470

First Line Ref: FBK1470

NEVER WORK IN THE SHADOWS

RUBL1000
3 x 5W LEDs providing 1000 lumens
Polycarbonate ABS and aluminium construction, making it durable, sturdy and lightweight
Sliding bar allows the lamp to move left and right
Extendable arms to fit min. 120cm and max. 175cm bonnets
Padded hooks to protect paintwork
TRADING PRICE £60.00+VAT

RIL5500HP
430 Lumen COB LED for improved visibility
Aluminium and rubber construction, making it durable for everyday use
Concave design to protect the lens from damage
Magnet and hanging hook for hands free working
TRADING PRICE £40.00+VAT

Qualify Performance Innovation
ringautomotive.com
WHEN IT COMES TO WET WEATHER BRAKING, NOT ALL PADS ARE THE SAME, AS FRICTION MANUFACTURER FERODO EXPLAINS.

Whether driving on the motorway, a secondary road or in the city centre, traffic inevitably becomes more dangerous when it’s raining. As the weather worsens at this time of year, even the safest driver can encounter problems on the road in wet conditions, as all brakes are less effective in wet weather. Plus there’s the additional problem of the road surface being more slippery.

While in such conditions a cautious driving style is recommended, of critical importance is having good quality brakes which perform consistently and effectively in the wet. The last thing you want is a nasty surprise when hitting the brake pedal!

The reality is that in changing road conditions, the friction material used in brake pads is critical. The friction material determines the stopping power of the braking system, but the quality of that material can ensure that changing conditions don’t result in vastly changed performance.

EUROPEAN R90 TESTS ARE ONLY CONDUCTED IN DRY CONDITIONS

European legislation stipulates that all brake pads sold for use on vehicles must comply with R90 standards. The R90 test includes cold and hot brake friction analysis and if a brake pad has been R90 approved, it can be safely assumed that the product is within 15% of the original equipment product performance.

Because the R90 test is only conducted in dry braking conditions Ferodo decided to benchmark their brake pads against some competitor pads in wet braking conditions. Analysing their results, it’s easy to see that Ferodo offers brake pads with the lowest reduction of friction level in wet conditions.

THE WET BRAKING PERFORMANCE TEST

The test comparing the reduction of friction performance in wet braking conditions between Ferodo pads and competitor pads was conducted using a Ford C-Max. Six brake applications in dry conditions were measured, after which the brakes were sprayed with water for another 6 wet brake applications. To ensure that all the tests were conducted with equivalent and consistent brake pads, all brakes were bedded in first using identical procedures on new discs.

The graph below illustrates the percentage of friction level reduction – or brake performance – between braking in dry and wet conditions, with the Ferodo brake pads showing the lowest reduction from dry to wet compared to some competitors.

THE RESULTS

As the chart shows, the Ferodo brake pads had the most consistent reduction of brake performance under wet braking conditions when compared to their competition. Previously conducted tests have already shown that Ferodo pads provide short stopping distances, low brake noise and great pedal feel. And they can now proudly add that they achieve among the best wet braking performances – proving again that with Ferodo you’re in control.
FOR HYDRAULICS
IT'S ALWAYS BEEN
BRAKE ENGINEERING

EXTENSIVE HYDRAULICS PROGRAMME WHICH INCLUDES
WHEEL CYLINDERS
MASTER CYLINDERS
AND HOSES

METICULOUSLY ENGINEERED ON
100% AUTOMATED
PRODUCTION LINES

HOSES BUILT TO WITHSTAND THE DAILY WEAR
AND TEAR THAT COMES FROM
EXPOSURE TO THE ELEMENTS

OVER 98% MARKET COVERAGE
FOR ALL HYDRAULICS

www.brake-eng.com
TECH TALK – WITH COMMA

KEEPING YOUR COOL

COMMA XSTREAM®
THE RIGHT COOLANTS FOR EVERY APPLICATION

Today’s antifreeze & coolants are every bit as vehicle-specific as engine oils. It’s therefore vital for service technicians to know which of the five different coolant technologies is recommended by the vehicle’s manufacturer.

- Comma’s Xstream® range, with BASF Glysantin®, has more official VM approvals than any other UK coolant brand, and is backed by Comma’s unique 100% Compatibility Guarantee.
- The Xstream® range covers over 99% of the UK vehicle parc, with the two most popular products, G30® OAT (69%) and G48® Silicate (20%) covering the majority of the applications.
- Xstream® is available in both Ready to Use and Concentrate.
- To find the right application for every make and model, use the VRN application tool at www.CommaOil.com

THE REMANUFACTURED ALTERNATIVE:
WHY BUY NEW?

Ivor Searle has seen a continuing increase in demand from independent garages for its remanufactured engines, cylinder heads, gearboxes and turbochargers due to the high cost of purchasing brand new products.

However, although it’s more economical to source a remanufactured product, quality is a key factor as the complex process of remanufacturing an engine or component back to OEM requires significant technical expertise and rigorous inspection procedures. To achieve this, all remanufactured Ivor Searle engines are built to exceed the BS AU257:2002 Code of Practice under a quality management system certified to ISO 9001:2015.

Ivor Searle offers an all makes programme for petrol and diesel cars and vans, with new applications being constantly added. To guarantee peace of mind, all Ivor Searle engines, cylinder heads and gearboxes are covered by a transferable 12-month unlimited mileage parts and labour warranty, while a two-year warranty covers all turbochargers. To find out more please visit www.ivorsearle.co.uk or call the Ivor Searle sales team on 01353 720531.
Enhance your reputation. Boost battery sales.

One in every ten vehicles you service or repair will need their battery replaced.

Checking the battery of every vehicle in your workshop will enhance your business reputation, improve customer satisfaction and loyalty, and could increase the average workshop’s annual battery revenue to £15480.

Discover more at www.yuasa.com/checkbattery

Get your complete Workshop Battery Testing Kit from participating Yuasa distributors now.
Includes GS Yuasa Battery tester, POS material and guide book.
Yuasa ‘Always Check The Battery’ Workshop Trial Results

Yuasa conducted a three month summer trial to determine the revenue and customer service benefits of checking every battery.

Trial period: May 2016 - July 2016 (3 Months)

Locations:

- **ADS Automotive**
  Location: Preston, Lancashire
  Workshop size: Medium

- **Terry Taylor Garages**
  Location: Hinckley, Leicestershire
  Workshop size: Small

- **D & D Autos**
  Location: Ashford, Kent
  Workshop size: Large

Total batteries tested during trial: **474**

---

Test Results

- **GOOD**
  - 62% of vehicles had a good battery.
  - Almost 1 in 3 required action.

- **RECHARGE**
  - 27% needed recharging.
  - That's over 1 in 4 vehicles.

- **REPLACE**
  - 11% needed replacing.
  - That's over 1 in 10 vehicles.

---

**Yearly Revenue Potential**

<table>
<thead>
<tr>
<th>Charging (£10 ex VAT Recommended)</th>
<th>Battery Sales</th>
<th>Battery Fitting (£20 ex VAT Recommended)</th>
<th>Total Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra annual revenue per workshop</td>
<td><strong>£2064</strong></td>
<td><strong>£5300</strong></td>
<td><strong>£1855</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>£9219</strong></td>
</tr>
</tbody>
</table>

**Per Garage In Trial**

- Average VAT included.
- **£9219** Extra annual revenue per workshop

**Your Garage**

Vehicle’s seen per month?

- **50**: £1800 £4500 £1440 £7740
- **100**: £3600 £9000 £2880 £15480
- **250**: £7200 £18000 £5760 £30960

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VALEO DESCRIBES THE DIFFERENT TYPES OF WIPER BLADE DESIGN AND CONSTRUCTION

VALEO supplies a range of wiper blade technologies into the automotive aftermarket including flat blade, hybrid and conventional blades.

FLAT BLADES

Flat blades were developed in response to the evolution of vehicle design, specifically changes in the shape of the vehicle and windscreen. Flat blades are more integrated within a vehicle’s design and provide significantly enhanced performance, visibility and reduced noise.

Since launching the first Original Equipment (OE) flat blade in 2004 for Mercedes applications, Valeo has continued to innovate, with nearly half of the UK car parc equipped with OE flat blades in 2016.

Valeo Service UK provides the automotive aftermarket with a wide range of exclusive flat blade solutions from its Silencio® and HydroConnect™ brands.

Valeo Silencio flat blades consist of two metal splines for efficient wiping performance, an asymmetrical spoiler for improved high-speed operation, high quality rubber for a smooth and silent wipe, and come in specific sets with prefitted OE adaptors for quick, easy fitting.

Valeo’s new multiconnection flat blade technology is featured in its HydroConnect range, offering 96 percent OE flat blade car parc coverage (front and rear) with just 28 part numbers. HydroConnect also allows for the upgrade of a conventional blade to flat blade technology with an additional 14 part numbers.

HYBRID BLADES

New developments in the wiper market have been the emergence of hybrid technology, which is becoming increasingly popular with vehicle manufacturers, most notably Asian car makers.

Hybrid blades comprise a mixture of the conventional blade bow structure and flat blade design.

Valeo Silencio HBlades™ are equipped with high quality rubber for a smooth and silent wipe and an integrated spoiler that covers 100% of the blade with “anti-wind lift” shape providing an improved aerodynamic performance. HBlades also come complete with a pre-mounted connector and locking cap to allow for easy fitting.

CONVENTIONAL BLADES

In the past, conventional wiper blades were the most common type of windscreen wiper. Furthermore, only a small number of “universal” part numbers are required to cover up to 85 percent of the vehicle parc.

Valeo Silencio conventional wiper blades feature O.E. technology with an ‘all-metal’ main bow, pre-installed adaptor for easy fitting and an exclusive rubber coating for a smooth and silent wipe. Many conventional wiper blades also have additional features such as wear indicator, spoiler or washer ramp.
GS Yuasa Battery Sales UK Ltd has demonstrated the positive business and customer service benefits of testing every battery with a major workshop trial. The battery testing trial, conducted over three summer months, revealed that almost a third (27%) of vehicles tested had a battery issue, and over one in ten (11%) needed a complete battery replacement.

ADS Automotive in Preston, Lancashire, D & D Autos in Ashford, Kent and Terry Taylor Garages in Hinckley, Leicestershire all took part in the trial between May and July last year. The three workshops were supplied with a Yuasa battery analyser and asked to test the battery of every vehicle they worked on. They were also supplied with Yuasa point of sale material to communicate the scheme to customers, and test result mirror hangers used to indicate positive test results.

By monitoring the number of vehicles seen during the three months against the test results, Yuasa demonstrated the value of implementing a testing regime within workshops and calculated the extra revenue brought in through battery replacement and reconditioning services. A workshop which sees 100 vehicles a month could expect annual revenue of up to £15,480 by implementing the initiative, with £6,480 coming from battery charging and fitting costs alone.

The scheme also allows workshops to improve their customer service, enhance their reputation and prevent customers the distress a battery failure can cause. After all, most customers would rather find out they need a new battery whilst their vehicle is in a workshop instead of when it fails to start on a cold morning.

Yuasa are about to launch their Always Check The Battery workshop initiative which will provide workshops all the tools they need to set up battery testing in a low-cost workshop testing kit. More details on the launch will be released shortly.

Garages wishing to find out more about Yuasa’s Always Check The Battery scheme, including trial results and case studies should visit: www.yuasa.com/checkbattery
Preparing your car for winter with Wynns

Special offers on selected Wynns products especially for your winter workshop.

- **Fuel Biocide**
  - PN. 10601
  - 250 ml
  - Biocide treatment to destroy microorganisms in fuel. Kills the diesel bug!

- **Extreme Cooling System Stop Leak**
  - PN. 25544
  - 325 ml
  - Stops small leaks in the radiator & cooling system, heater matrix and head gasket without causing blockages, with anti-corrosive properties.

- **Extreme Cooling System Degreaser**
  - PN. 45944
  - 325 ml
  - Removes oil and sludge in the cooling system of vehicles.

- **Cooling System Flush**
  - PN. 45644
  - 325 ml
  - Thoroughly cleans all automotive cooling systems, removing scale, corrosion, sludge and oily residues.

- **Lead Substitute with Fuel Stabiliser**
  - PN. 70612
  - 250 ml
  - Protects valve seats and reduces wear when using unleaded fuel. Also prevents unleaded fuel deteriorating when stored or engines are laid up.

Prices exclude VAT.

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A SELECTION OF HARD-TO-FIND NICHE PARTS THAT ARE AVAILABLE FROM STOCK!

SIMON’S SPECIALIST STUFF

01-181-10NB
QUALITY T-SHIRT CUT RAGS
Pack size: 10kg bag
• Best value, soft wipes suitable for polishing and cleaning
• Will out-perform the majority of other rags and wipes on the market
• Ideal for garages, valeting and finishing

01-182-10NB
QUALITY SWEAT SHIRT CUT RAGS
Pack Size: 10kg bag
• A strong, high absorbency wipe that absorbs quickly and efficiently
• Perfect for heavier cleaning tasks or cleaning up oils and grease
• Ideal for garages, valeting and finishing

09-HHD50
HANDIES HEAVY-DUTY
Case of 6 Tubs
50 wipes in each tub
• Excellent where access to water, towels, hand cleanser or a wash-basin is limited
• Highly effective on hands, tools, hard surfaces, upholstery, carpets, UPVC and a whole lot more!
• Unique non-leach properties mean the towel can be used more than once even if it appears dirty
• Gentle emollients condition the skin so that soreness, dryness and cracking are things of the past!

100-0092
BRAKE CABLE CLIP
Pack of 10
• To fit: Vauxhall Corsa C, Tigra

100-0093
BRAKE PIPE CLIP
Pack of 25
• To fit: various Ford models

158-0006
REPAIR KIT SWITCH, REAR RELEASE
OEM part no: 13393912
• To fit: Vauxhall Insignia Estate

394-0008
FUEL PRESSURE SENSOR
OEM part no: 1497165
• To fit: Citroën Relay 2.2 (06-14); Ford Transit 2.2 & 2.4 (06-14); Peugeot Boxer 2.2 (06-14)

544-0001
OIL PUMP REPAIR KIT - OEM
OEM part no: 93181959
• To fit: Vauxhall Agila, Astra G, Astra H, Corsa C, Corsa D, Meriva A & Tigra (XEP engines)

688-0004
PROPSHAFT CENTRE BEARING
• To fit: LDV Convoy / Pilot

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ARE YOU TURNING BUSINESS AWAY?
Garages today face a relentless challenge, keeping pace with all the technological developments across ever more (and more varied) vehicles. Your mechanics’ technical competence is vital and could be decisive for the continued success of your garage or workshop, but it can be hard to find a way to update skills and knowledge.

IFA OE MANUFACTURER TRAINING COURSES ARE THE ANSWER!
The IFA offers a comprehensive series of high quality, up-to-date technical training courses for professional repairers, hosted by the biggest names in the automotive aftermarket. Once you’ve completed a course we even provide a free follow-up technical support service, should you require further help and advice on a day-to-day or job-by-job basis.

WHAT WE OFFER...
We offer high quality OE Manufacturer courses covering all the latest automotive technologies, including:
- Automotive Electronics & Testing (Introduction & Advanced)
- Diagnostics (Introduction & Advanced)
- Electronic Braking
- Diesel Injection & Common Rail
- F-GAS Mobile Refrigerant
- Petrol Injection Systems
- Vehicle Networks (Introduction & Advanced)
- Electronic Systems (Introduction & Advanced)

Make us your first choice for OE Manufacturer training. To find out more, please contact your local branch today!

Our outstanding diagnostic oscilloscope is also a first-rate battery tester, at no extra cost.

At Pico Technology we know that charging and starting systems are at the very heart of modern vehicles’ electronics. We understand how important they are in making sure that all components function at their very best.

Running our Battery Test
Connect
Use a BNC cable from Channel A on the PicoScope to the positive terminal on the battery and a ground point on the vehicle. Then you connect our 2000 A current clamp to the PicoScope and position it around the starter motor’s feed cable.

Run
Follow the setup wizard in our PicoDiagnostics software to run the test.

Read
The test result is displayed in a simple traffic light system, and covers all the starting and charging components. This result can be printed report can be customised with your workshop details and logo, as well as your customer’s information.

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Call your local branch to order
www.launchtech.co.uk

LAUNCH UK
Pioneering Technical Solutions in the Aftermarket

Diagnostics

ECOS 150
Fully Automatic service station for R134A A/C

- 3 metre hoses
- On-board Printer
- Built-in Tank Heater
- UV dye bottle built in
- Large icon graphic display
- Automatic or assisted oil & dye injection
- Advanced features & user-friendly control board
- Access to online vehicle database for:
  - Advanced features & user-friendly control board
  - 3 metre hoses

Specifications:
- Refrigerant: R-134a
- Compressor: 10 cc
- Vacuum Pump: 100 l/min
- Ultimate Vacuum: 0.2 Mbar / 20 Pa
- Tank Capacity: 12 Kg
- Scale Accuracy: ± 5 g
- Heater Belt
- Air Purge: Automatic
- Automatic Oil Injection
- Automatic Dye Inject built in
- Display: 128 x 64 LCD Graphics
- On-board Printer
- On board vehicle database
- PC Data Transfer
- Power Source: 220V / 50 Hz
- Dimensions: 510 x 480 x 840 mm
- Net / Gross Weight: 55/65 Kg

ONLY £1995

ECOS 150YF
Fully Automatic service station for R1234 YF A/C

- Features as for ECOS 150, except for:
  - Refrigerant: R1234 YF
  - Tank Capacity: 9 Kg

ONLY £2150

A/C Servicing

ECK Twin Gas
R134a & R1234yf Refrigerants

- Quick change between gases
- Two separate circuits ensure no cross contamination risk
- Economical & compact 2-in-1 machine design for two refrigerants

ONLY £4150

We provide F-Gas Training – ask your local branch

- Prices include delivery, on-site commissioning & on-going technical support

LAUNCH UK
Pioneering Technical Solutions in the Aftermarket

Servicing

CAT501S
Automatic Transmission Cleaner & Fluid Exchanger

- Detergent based cleaning cycle
- Standard adapter set PLUS optional set cover most vehicles
- Connects to most transmission units, including double clutch & CVT types
- One year FREE access to LAUNCH UK database:
  - Transmission type
  - Fitting location photographs
  - oil quantity
  - correct adapters
  - correct procedures

ONLY £2950

‘Sealed for life’ transmissions are a thing of the past

Smaller gearshifts
New synthetic fluid restores lubricating & friction coefficients to original specifications

A lucrative opportunity for new work!
Automatic transmissions are no longer ‘sealed for life’. Vehicle manufacturers have started to add a complete fluid exchange in the service schedule at around 75,000km (46,000 miles).
Just draining removes only 45% - 60% of the transmission fluid, as the fluid does not drain out of the torque converter, cooler lines, valve body, etc. The CAT501S consistently and reliably provides a 99.9% fluid exchange thanks to the load cell weighing technology and advanced software.

LAUNCH UK
Pioneering Technical Solutions in the Aftermarket

DPF Cleaning Gun & Fluid

The Launch DPF gun is a fast and effective diesel particulate filter cleaner, which allows you to actively apply a cleaning fluid straight to the DPF without removal and with the vehicle running. Can be used across a range of vehicles from cars, commercials or anything else fitted with a DPF.

- Tank Capacity: 9 Kg
- Refrigerant: R1234 YF

ONLY £235

Premium
- Professional, quick & efficient!
- Ideal for MOT Testing!

NEW

CRP 129
Premium
- Read codes:
  - Oil & parking brake reset
  - Vehicles 96> (OBDII & CAN)
- Retrieves VIN, CIN, CVN
- Oil & parking brake reset
- Reads/clears codes
- Full connector kit for older vehicles
- 16GB, support 32GB TF card
- 10.1” Hi-res touch screen
- Larger 4” Screen
- Bluetooth/Wifi enabled
- Android OS, 2GB RAM, 32GB SSHD
- 75 Vehicle manufacturers
- IP65 Rated waterproof, drop tested
- 5 Year Lease £9.02pw
£1995

NEW

(start-up kit available)

FREE Video Borescope! WORTH £129!

LAUNCH UK
Pioneering Technical Solutions in the Aftermarket

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Essentials from febi bilstein
To fit Citroën/Peugeot

**Radiator Cap**

- febi No. 22082
- OE No. 1306.E4

**Engine Mounting**

- febi No. 32280
- OE No. 1806.95
- To Fit: Citroën Jumper (2006-), Relay (2006-) / Peugeot Boxer (2006-)

**CV Boot Kit**

- febi No. 31056
- OE No. 3287.A9
- To Fit: Citroën C2 (2003-2010), C3 (2009-) / Peugeot Ranch (2008-), RCZ (2010-)

**Wheel Bolt**

- febi No. 32441
- OE No. 5405.78
- To Fit: Citroën Jumper (2006-), Relay (2006-) / Peugeot Boxer (2006-)

**Shock Absorber Protection**

- febi No. 36308
- OE No. 5033.42

**WHY PAY MORE WITH THE DEALER WHEN WE HAVE THESE PARTS IN STOCK TODAY!!**

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TECH TALK – WITH KLARIUS

AVOIDING THE COLD (HARD) SHOULDER...

KLARIUS PRODUCTS, EXPLAINS THE CORRECT APPROACH FOR PROTECTING AN EXHAUST FROM WINTER CONDITIONS.

Vehicles always benefit from good care, but during the winter months there is definitely more to do to ensure reliability. Lower temperatures, varied weather conditions plus salt and grit on the roads places additional stresses on components – including the exposed emissions system. However, there are a few simple steps you can take to ensure that exhaust service life is not unduly affected by adverse conditions.

Ensuring that your exhaust system is fit for winter very much depends on the quality of product you specify when you replace components. Exhausts should be built for durability, as they are subjected to vibration and are in close proximity to the road during operation. Therefore, selecting a premium quality aftermarket exhaust is the best first step.

With regards to exhausts, you get what you pay for, so selecting an inferior component will inevitably result in more frequent trips to the garage for replacement. This situation will only be exacerbated by winter conditions.

TYPE-APPROVED COMPONENTS
Specifying a type-approved component, such as those available from Klarius is a good quality benchmark for any purchasing decision. We even independently assess our components for emissions and noise levels, and fit test them, to guarantee quality and compatibility. Consequently, we offer a 2 year warranty and a ‘Fit First Time’ guarantee with every component.

THE INCREASED RISKS OF WINTER
Winter presents an increased risk of corrosion to the exhaust assembly, which is due to the salt spread during this time of year. Salt can cling to parts of the exhaust and cause rust to develop, which over time weakens the assembly until it eventually fails. At Klarius, we combat this by manufacturing our exhausts from a highly specialised grade of aluminised steel for the tube and muffler sections and stainless steel welding rods for the welded connections.

Aluminised steel strikes a balance between corrosion resistance, strength and malleability – all excellent characteristics for an exhaust. This increased resistance to corrosion ensures that salt causes as little damage to the assembly as possible. As a result, the component will operate for longer in wintry conditions compared to an exhaust manufactured simply from mild steel.

THE IMPORTANCE OF OEM QUALITY MOUNTINGS
Exhaust mountings are also exposed to the elements, so specifying OEM quality mounting kits for an exhaust can also boost its durability. An exhaust that is improperly secured will suffer increased vibration, causing premature wear and diminishing the life expectancy of the component.

Cold temperatures can also cause damage to an exhaust system. Catalytic converters (CATs) and diesel particulate filters (DPFs) operate at high temperatures, typically utilising an internal ceramic monolith to reduce engine emissions. If the device suddenly comes into contact with very cold water, the temperature shock can cause this internal monolith to shatter, which will require replacement. So, while driving through large puddles quickly is inadvisable anyway, drivers should always be aware of the increased risk low temperatures can present to exposed emissions components – and drive slowly through very cold surface water and avoid fords and light floods.

In short, if you buy quality, fit it properly and drive sensibly – an exhaust will survive the winter, and far beyond.

You can be sure of Klarius – all components are OE quality, and include a 2 year warranty.

Don’t risk it – specifying OEM quality mounting kits can boost exhaust durability

Old mountings will also compound the effects of corrosion, resulting in early exhaust failure. As a new exhaust is only as secure as its associated mountings, we recommend that you replace mountings with every new exhaust installation. For this reason, we offer a full range of OEM equivalent mountings for every exhaust in our range.

Cold temperatures can also cause damage to an exhaust system. Catalytic converters (CATs) and diesel particulate filters (DPFs) operate at high temperatures, typically utilising an internal ceramic monolith to reduce engine emissions. If the device suddenly comes into contact with very cold water, the temperature shock can cause this internal monolith to shatter, which will require replacement. So, while driving through large puddles quickly is inadvisable anyway, drivers should always be aware of the increased risk low temperatures can present to exposed emissions components – and drive slowly through very cold surface water and avoid fords and light floods.

In short, if you buy quality, fit it properly and drive sensibly – an exhaust will survive the winter, and far beyond.
2 Post Lifts

- Electro-hydraulic & electro-mechanical options
- Complete range of lift capacities from 2.8 - 7.0t available
- Asymmetric & symmetric arm configurations available
- 1 & 3 phase models plus clear floor or base frame model options
- Installed & supported by Tecalemit nationwide

<table>
<thead>
<tr>
<th>Lifting Capacity</th>
<th>Raised Height</th>
<th>Application</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.8t</td>
<td>1.95m</td>
<td>Mechanical lift with base frame</td>
<td>SF/8907/H</td>
<td>£2695.00</td>
</tr>
<tr>
<td>3.0t</td>
<td>1.96m</td>
<td>Mechanical lift with base frame</td>
<td>SF/9010/H</td>
<td>£2695.00</td>
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<tr>
<td>3.0t</td>
<td>1.95m</td>
<td>Mechanical lift with clear floor</td>
<td>SF/9230</td>
<td>£3046.00</td>
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<tr>
<td>4.0t</td>
<td>1.96m</td>
<td>Mechanical lift with base frame</td>
<td>SF/9224</td>
<td>£4629.00</td>
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<tr>
<td>4.0t</td>
<td>1.8m</td>
<td>Hydraulic lift with base frame</td>
<td>SF/9207</td>
<td>£3385.00</td>
</tr>
</tbody>
</table>

4 Post Lifts

- Complete range of car & LGV lifts from 3.5 - 8t capacity
- Service lifts & specialist wheel alignment lifts
- Platform lengths from 4 - 6.5m
- Electro-hydraulic operation
- All lifts fitted with hydraulic and mechanical safety systems

<table>
<thead>
<tr>
<th>Lifting Capacity</th>
<th>Platform Length</th>
<th>Application</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.5t</td>
<td>4.3m</td>
<td>Servicing &amp; Class IV MOT</td>
<td>SF/9436/SR*</td>
<td>£4915.00</td>
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<tr>
<td>4.0t</td>
<td>5.0m</td>
<td>Servicing &amp; Class VII MOT</td>
<td>SF/9084</td>
<td>£5085.00</td>
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<td>4.0t</td>
<td>5.0m</td>
<td>Wheel Alignment</td>
<td>SF/9003/4</td>
<td>£7165.00</td>
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<td>5.0t</td>
<td>5.2m</td>
<td>Servicing &amp; Class VII MOT</td>
<td>SF/9250</td>
<td>£7498.00</td>
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<td>6.0t</td>
<td>6m</td>
<td>Servicing &amp; Class VII MOT</td>
<td>SF/8976</td>
<td>£8652.00</td>
</tr>
</tbody>
</table>

*Wheel alignment versions available at extra cost

Scissor Lifts

- Electro-hydraulic & electro-mechanical options
- Complete range of lift capacities from 2.8 - 7.0t available
- Asymmetric & symmetric arm configurations available
- 1 & 3 phase models plus clear floor or base frame model options
- Installed & supported by Tecalemit nationwide

- 24V control system
- Suitable for most cars and car derived vans
- Space saving design
- Hydraulic platform synchronisation
- Acoustic warning alarm during final lowering phase

<table>
<thead>
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<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0t</td>
<td>0.93m</td>
<td>Short platform, low-rise</td>
<td>SF/9130/1</td>
<td>£2627.00</td>
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<tr>
<td>3.0t</td>
<td>1.87m</td>
<td>Surface mounted, low profile</td>
<td>SF/8030</td>
<td>£4368.00</td>
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<tr>
<td>3.2t</td>
<td>1.94m</td>
<td>Short platform, low profile</td>
<td>SF/8992</td>
<td>£4795.00</td>
</tr>
<tr>
<td>4.0t</td>
<td>1.9m</td>
<td>Short platform, recessed</td>
<td>SF/8994</td>
<td>£4795.00</td>
</tr>
<tr>
<td>4.5t</td>
<td>2.1m</td>
<td>Service/Wheel Alignment</td>
<td>SF/9095/EV*</td>
<td>£11275.00*</td>
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<tr>
<td>5.0t</td>
<td>2.1m</td>
<td>Service/Wheel Alignment</td>
<td>SF/9065/EV*</td>
<td>£11605.00*</td>
</tr>
</tbody>
</table>

*Wheel alignment versions available at extra cost

www.tecalemit.co.uk

Tecalemit Garage Equipment Co Ltd
Eagle Rd • Langage Business Park • Plymouth • Devon • PL7 5JY • UK

Sales: 00 44 (0) 1752 219111
Fax: 00 44 (0) 1752 219128
Service: 00 44 (0) 1752 219100
Fax: 00 44 (0) 1752 209320

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DUAL REVENUE ATL BAY

- NEW, UNIQUE and EXCLUSIVE! Dual Revenue 5.2m or 5.7m Lift with Rear Slip Plates as standard, to allow wheel alignment on same lift, creating better return for your investment.
- Tablet controlled brake and emissions tester, with on-line DVSA connection through the tablet. Free App for your smart phone as a back-up.
- TEN year surface warranty on the brake-roller surface, industry leading, no re-gritting.
- Wireless torch and shaker plate control as standard. Unique cable and pulley alignment. Hose and wire tidier.

GEOLINER 650 XD WHEEL ALIGNER

- Motorised camera boom: Camera height adjustment is motorised, providing ergonomic and time saving advantages
- Vehicle Orientation Directional Indicators: If the monitor out of sight when making adjustments, VODI provides a secondary visual allowing you to complete a job without stopping
- Elevated adjustment: Make live adjustment of suspension components when in an elevated position, giving you more functionality
- Alignment report: Print before and after colour reports for your customers, helping you communicate the benefits of wheel alignment simply and clearly
- Extensive database: Comprehensive coverage of vehicle specifications and adjustment procedures provides comfort that you’ll be able to meet your customer’s request
- EZ Toe: Turn the front wheels and access difficult adjustment points while still displaying centred toe readings

hofmann.co.uk | Email: ukequipment@snapon.com | Tel: (01553) 697233 | Fax: (01553) 697254

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Instant product recommendations on your mobile device with Comma Oil Finder

Take a photograph of a vehicle’s licence plate with the new Comma Oil Finder mobile app, and quickly find the most suitable Comma products for that vehicle.

- Perform quick and easy product lookups on your mobile device
- Increased efficiency and accuracy means more satisfied customers
- Collect points for each vehicle look up to redeem against premium gifts*
- Gain access to a vehicle’s MOT and Road Tax status*

*with the free to join Professional Partner Programme membership

Download the Comma Oil Finder for free from

www.CommaOil.com

www.Jayar.co.uk

*Telephones are open from 8am to 5pm Monday to Friday

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