

SMART CHOICE

www.smartchoice.uk.com



January to
March 2009



Bury St Edmunds	01284 766166
Cambridge	01223 416644
Hatfield	01707 257771
Hitchin	01462 442289
Huntingdon	01480 459512
Ipswich	01473 713551
Kings Langley	01923 262252
Leighton Buzzard	01525 378084
Letchworth	01462 480276
Shrewsbury	01743 467226
St Albans	01727 855879
Stevenage	01438 312669
Telford	01952 415700
Tottenham	020 8365 0033
Watford	01923 235601
Welwyn	01707 334411

If you would like to be kept up to date with promotional offers via e-mail, please send your e-mail address to sales@bennetts.com

Featured in this issue

Terms and conditions may apply, check page featured for details

Hot Wash Under £1000!

HDS550CEco now
only £999 - buy
now or miss out!



page 5



Manual Ignition Used Oil Heaters

Exceptional value from
£995! Reduce your
fuel bills & keep warm!



page 7



2 Post Lift Buying Guide

NEW FEATURE! Making your choice easier!



page 13



Sponsored by Shire Leasing



Diagnostic Digest!

NEW FEATURE! Diagnostics
unpacked! Diesel Injection,
DPFs & Electronic Stability
Programmes, by Steve Carter

page 17

NEWS
page 2

DIAGNOSTICS
pages 15-18

BUYING GUIDE
page 13

GARAGE EQUIPMENT
pages 3,6-12,14,19

CLEANING
pages 3-5

Nederman Launch New Product Programme

Nederman Automotive, featuring Fumex Installations, have launched a NEW extended automotive product programme. A full colour eight page brochure gives details of the company and the product range, and lays out the benefits of "improving your workshop".

It features Nederman's Projects capability (covering installed extraction systems for exhaust, dust or weld fume), the portable products for those applications and their extensive range of retractable hose and cable reels for air, oil, water, power, etc.

"Fumex Installations are a recognised market leader in installed systems and can provide everything from initial site survey to final service contract." said James Onions, Automotive Business Manager, "Added to that, Nederman provide complete flexibility by supplying cost effective portable products where circumstances make them the preferred solution."

Nederman products are renowned for their performance and reliability and are all supplied with two year warranties. Copies of the brochure are available on request from your local IFA Member.



Nederman
IMPROVING YOUR WORKSPACE



Exchange Rate Fluctuations

Due to the current weakness of the pound, prices advertised in this issue of Smart Choice (correct at the time of going to press) may change before the next issue without notice.

Please check current pricing with your local IFA Member before ordering.

Bradbury Experience Pays Off In the Recession

Bradbury Equipment, the oldest surviving Garage Equipment Company in the UK, moves into its 114th year in 2009.

They offer the largest range of ATL equipment on the market with five 4-Post Lifts and three Scissor Lift options, which are all available in single phase.

Despite the 'credit crunch', Bradbury Equipment anticipate exciting times moving into 2009. The Government have officially abandoned the proposed 4-2-2 MOT scheme and major tax benefits are available for capital equipment purchases. To remain competitive now is a great time to purchase unique and innovative garage products.

Check out the Bradbury page in this issue of **SMART CHOICE** for a multitude of exciting products to choose from. Future issues will feature more exclusive Bradbury Equipment, including 2 and 4 Post Lifts, Shock Absorber and Side Slip Testers, and the cutting-edge, value for money Commercial Brake Tester, shown below.



Bradbury
Commercial
Brake Tester

Ask your local
IFA Member for
details of Bradbury
products & offers

BRADBURY

EQUIPMENT

New Ranger Special Offers

Ranger Products are running the following special offers from 01/01/09 to help your business in the tough economic climate:

- 50% off oil drainers & transmission jacks with every Bend-Pak 2 Post or 4 Post Lift purchased
- 2 year warranty on all Bend-Pak lifts
- Extended warranty package available for £199 per annum, including both extended warranty & all service visits

**50% OFF
offer items**



Ranger
PRODUCTS UK

Prepare Your SMARTtech Training for 2009

Call your local IFA Member today to organise your 2009 training courses. One day IMI Accredited, QAA Certified Training courses available currently include:

- Anti-lock braking systems
- Multiplex and CAN database systems
- Essential electrical skills
- Diagnostics & engine management 1
- Diagnostics & engine management 2 (advanced)
- Air conditioning
- Air conditioning & climate control
- Chassis control systems
- Supplementary restraint system (SRS)
- Vehicle starting and charging systems
- 4 Wheel alignment
- Modern diesel technology
- Oscilloscope use

**GREAT
VALUE
from only
£165/day**

The courses are provided by V-Tech UK in association with the IFA and are designed to suit all levels of expertise. Beginners are introduced to diagnostics and test analysis. Experts further their understanding of more complex concepts, applicable to modern vehicles today.

All trainers are fully accredited to the IMI, ensuring courses are delivered in the most appropriate manner for the workgroup. Training materials, including presentations, are updated regularly to ensure all data is accurate and applicable to the constantly developing automotive technology.

Upon successful completion of your course you receive an IMI accredited & QAA certified certificate



V-Tech UK - Accredited Provider
of IMI & QAA Courses, working
in association with the IFA

V-TECH UK
Training
Academy



know where to find the answers

AMAZING DEALS on Trolley Jacks

Call your local IFA Member to place your order NOW, while stocks last

2 tonne Professional Yankee Short Chassis Trolley Jack (1250CX)

- ✓ Min/Max saddle height: 132/440mm
- ✓ Chassis length: 540mm
- ✓ Fully portable professional model
- ✓ Features American cog-type integral handle release mechanism with long 2 piece handle
- ✓ Short chassis design with heavy-duty castors to assist in positioning the jack under the load
- ✓ Weight: 21kg

Only £54.99
List Price £92.45



3 tonne Professional Premier Trolley Jack with Super Rocket Lift (3003CXQ)

- ✓ Min/Max saddle height: 145/504mm
- ✓ Chassis length: 690mm
- ✓ Single piece hydraulic unit with heavy base design
- ✓ Integral American cog-type release mechanism & two-piece handle
- ✓ 'Super rocket lift' feature brings lifting arm straight into contact with jacking point with a single pump of the handle
- ✓ Integral saddle pad provides protection for the jacking point
- ✓ Heavy-duty castors & 55mm wide front wheels for even load distribution

Only £69.99
List Price £169.95



Full product specifications at www.sealey.co.uk



A simple offer - great products that do the job, at great prices

Traffic Film Remover

- General purpose Traffic Film Remover
- Ideal for cleaning mixed fleets - cars, vans, buses & HGVs
- Suitable for hot or cold power wash, gantry & spray arches
- Dilution rate: up to 1:8 in water

20 litre & 205 litre sizes available



Super Wash n' Wax

- Added Foam Booster quickly lifts dirt & grime to leave a glossy finish
- Adds wax while you wash

5 litre & 20 litre sizes available



Ask your local IFA Member for GREAT OFFERS on these products

Powerwash Range

Swarfega®

Ask your local IFA Member for GREAT OFFERS on Swarfega Powerwash

Cleaning vehicles on a regular basis not only prolongs the life of the vehicle but also portrays the correct image. The product you select must be determined by:

- Type of vehicle
- Paint finish condition
- Soiling levels
- Preferred product format

The Swarfega Powerwash range consists of 6 highly effective, extremely efficient traffic film removers. They are specifically formulated for use through pressure washers or static vehicle cleaning machinery (e.g. gantry washes and spray arches) and provide the appropriate level of cleaning for your exact needs.

Each product is biodegradable into foul drains and solvent free. They contain special additives to help prevent machine scaling and are silicate-free to prevent etching of glass or damage to original paint finishes.

Swarfega Powerwash Ultra Concentrate (PUC25L - 2.5 litre)

- Highly concentrated commercial vehicle traffic film remover
- Dilutes with water to make 25 litres of top quality, economical TFR

Swarfega Powerwash Formula (PFO25L - 25 litre, PFO200L - 200 litre)

- A multi-purpose, powerful ready-to-use traffic film remover
- Ideal for cleaning chassis and bodywork on most vehicle types

Swarfega Powerwash Super (PSU25L - 25 litre, PSU200L - 200 litre)

- A concentrated, heavy duty HGV degreaser and traffic film remover
- Removes the heaviest soiling from engine components, chassis and bodywork

Swarfega Powerwash Non-Caustic (PNC25L - 25 litre, PNC200L - 200 litre)

- Traffic film remover specifically formulated for high quality and sensitive paintwork and those with a liveried finish
- Gently removes dirt and grime ensuring no colour fading or dulling of shine

Swarfega Powerwash Regular (PWR25L - 25 litre)

- A ready-to-use traffic film remover, offers economy AND performance for general cleaning requirements
- Effectively removes general road grime from all types of vehicle



Price BreakThrough

KÄRCHER Hot Washer - Fantastic Value
Now Under £1000! HUGE Saving



550 Hot Wash (1.272-604)

- Model: HDS550CEco hot water pressure washer
- Motor: 2200 Watts (240v)
- Water Flow: 500 litres/hour
- Pressure: 100 Bar
- Max Temp: 80°C
- Suitable for light duty commercial use



Only £999.00

Commercial Wash (1.520-104)

- Model: HD5/11C pressure washer
- Motor: 2200 Watts (240v)
- Water Flow: 500 litres/hour
- Pressure: 100 Bar
- Commercial quality components throughout



Only £289.00

Commercial Wash XL (1.514-551)

- Model HD5/12CX pressure washer
- Motor: 2200 Watts (240v)
- Water Flow: 500 litres/hour
- Pressure: 120 bar
- Commercial quality components throughout
- Includes integral hose reel (15m) & Dirblaster Nozzle



Only £359.00

All professional machines are supplied with Kärcher's one year on-site warranty, supported by Kärcher's field based service engineers. As with a vehicle, the manufacturer's warranty does not cover wear & tear or abuse. To reduce wear & tear, Kärcher strongly recommend regular maintenance contracts. Please call 08700 116 867 for details. All domestic machines (highlighted 'Domestic' in the product title above) are supplied with a one year warranty for domestic application only.

601 Hot Water/Steam Cleaner (1.170-604)

- Model: HDS601CEco
- Motor: 3200 Watts (240v)
- Water Flow: 290-550 litres/hour
- Pressure: 120 Bar
- Max Temp: 155°C (steam mode)
- Weight: 94kg



Only £1325.00
 5 yr weekly lease £7.34

For the full range of Kärcher commercial cleaning machines, plus selected domestic machines
Contact your local IFA Member



Cleaning with KÄRCHER enhances your business image and adds value to your service offering
 Whether for cleaning premises or fleet, a post service valet or preparing vehicles for sale, these great deals help your business stand out from the competition

Floor Cleaner (1.783-302)

Perfect for workshop, trade counter or showroom areas. Applies cleaning chemical, scrubs & vacuums in a single pass. Soft brushes can be used for polishing:

- Model: BR40/10CAAdv
- Motor: 1900 Watts (240v)
- Speed: 1100 rpm
- Working width: 400mm
- Capacity: 10 litres
- Integral trolley
- 2.5 litres RM69 Floor Cleaning Concentrate
- **Demonstrations available!**



Only £1249.00
 5 yr weekly lease £6.92

Upholstery Cleaner (9.621-112)

A powerful & compact spray extraction machine for deep cleaning upholstery:

- Model: PUZZI8/1C
- Motor: 1380 Watts
- Air Flow: 61 litres/second
- Vacuum: 230 mBar
- 8+7 litre capacity
- Floor tool available separately
- Supplied with 10kg RM760 detergent **WORTH £49.00**



Only £289.00

K3 Domestic Wash (1.636-382)

- Model: K399M+ T200
- Motor: 1700 Watts
- Water Flow: 380 litres/hour
- Pressure: 20-110 Bar
- 120 Bar max pressure
- Includes Hard Surface Cleaner (T200)

Only £139.00



Fumex Fixed Price Exhaust Extraction System - Ideal for an MOT bay

Option A

- 5m hose with 125mm fixed drop

Only £1995.00

5 yr weekly lease **£11.05**



Option B

- 7.5m hose on spring recoil ratcheted reel (improves hose handling, storage, working life & safety)

Only £2595.00

5 yr weekly lease **£14.37**



* SPECIAL OFFER *

Complete Extraction System

- Fan - Powerful, efficient, reliable Nederman fan (with spare capacity to extend in future)
- Hose - High capacity 125mm heat/crush resistant hose with rubber push on nozzle
- MOT Funnel - Adjustable free standing funnel for use with gas analyser
- Electrical control – Starter with overload protection (supplied loose)
- Galvanised steel ductwork
- Great IFA introductory price offers



99% Filter efficiency for weld fume



Offer Terms:

- Offer applies to all enquiries received before 31/03/09
- Fumex reserves the right to make additional charges in special circumstances
- Wiring/connection not included
- Requires 3 phase supply (110/240v at extra cost)

Prices include:

- Initial site survey
- System design & quotation
- Installation
- First LEV COSHH Test
- Two year warranty

Contact your local IFA Branch to arrange a visit

Remember: Running engines in a confined space is hazardous to workers' health; fumes contain carbon monoxide, particulates, sulphur compounds & other chemicals. Risks are increased at high revs or when running cold engines

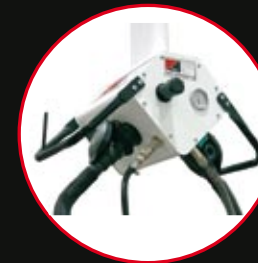
About Fumex

www.fumex.co.uk

Fumex is known throughout the UK motor industry as the specialist in design, installation & maintenance of systems for removing airborne pollutants.

Customers include vehicle manufacturing facilities, training schools, dealer workshops, accident repair centres & IMTs & we have extensive experience of large projects.

Combined overhead power, air & extraction point



Weld fume extraction



State-of-the-art dust extraction

Fumex offer a wide range of other products & systems

Nederman

IMPROVING YOUR WORKSPACE

About Nederman www.nederman.co.uk

Nederman is a globally renowned market leader in the manufacture of capture at source products & systems for the extraction of dust, smoke, vehicle exhaust & other fumes.

6

Other products designed to improve your workspace include high vacuum industrial cleaning systems & retractable hose & cable reels for power, oil, grease, air, water etc.

NEW to the IFA

FUMEX

Automatic Ignition Used Oil Heaters

- Clean combustion & high efficiency
- Large airflow blower fans
- Fan only facility for summer ventilation
- Large capacity fuel tanks
- Motor & pump kits available for connection to bulk fuel tank
- Basic room thermostat is standard
- Optional digital thermostat/time control
- Compressed air supply required for burner

Heaters from £3599.00
5 yr weekly lease **£19.93**

SB40/SB60



SB80/SB110

These units must be connected to a suitable flue system with a minimum height of 1 metre above the roof apex & 6 metres above ground level

Model	Nett Heat Output	Blower Capacity	Fuel Tank	Consumption	Supply
SB40	140,000 BTU/hr	3200 m ³ /hr	80 L	4.6 L/hr	230V
SB60	180,000 BTU/hr	4100 m ³ /hr	80 L	6.0 L/hr	230V
SB80	270,000 BTU/hr	6200 m ³ /hr	130 L	9.0 L/hr	400V+N
SB110	390,000 BTU/hr	8100 m ³ /hr	130 L	12.8 L/hr	400V+N

Oil Fired Cabinet Heaters

- FSO models for use with 28 or 35 second heating oil
- Complete with thermostat and time control
- Complete with oil filter & fire valve
- Larger outputs available up to 1 million BTU/hr

Heaters from £1995.00
5 yr weekly lease **£11.05**

**ALSO AVAILABLE
GAS & OIL FIRED
SUSPENDED
UNIT HEATERS**



Model	Heat Output	Blower Capacity	Swivel Heads	Consumption	Supply
FSO29	100,000 BTU/hr	2500 m ³ /hr	2	3.5 L/hr	230V
FSO44	150,000 BTU/hr	2500 m ³ /hr	2	5.2 L/hr	230V
FSO60	200,000 BTU/hr	5180 m ³ /hr	3	6.9 L/hr	230V
FSO88	300,000 BTU/hr	5180 m ³ /hr	3	10.4 L/hr	230V
FSO117	400,000 BTU/hr	7135 m ³ /hr	4	13.8 L/hr	400V+N

Manual Ignition Used Oil Heaters

- Fast return on investment
- Efficient, virtually soot-free combustion
- Burns used oil, diesel or a combination
- Built in fuel tank, filters & fuel pump
- Flame failure protection
- Overflow protection for burner dish
- Overheat protection (except AT306)

Heaters from £995.00



Also available: roof seal kits & a full range of flue accessories

These units must be connected to a suitable flue system with a minimum height of 1 metre above the roof apex & 6 metres above ground level

Stainless steel flue kits (providing 6m ground clearance):
41.900.840 Will suit AT306, AT307 & AT400
41.910.225 Will suit AT500

Model	Nett Heat Output	Blower Fan Capacity	Fuel Tank	Consumption
AT306	80,000 BTU/hr	-	50 L	3.0 L/hr
AT307	80,000 BTU/hr	1000 m ³ /hr	50 L	3.0 L/hr
AT400	112,000 BTU/hr	3000 m ³ /hr	55 L	4.3 L/hr
AT500	170,000 BTU/hr	3000 m ³ /hr	55 L	6.2 L/hr

Stainless steel flue kits (providing 6 metres ground clearance):
98.085.746 Will suit SB40
98.085.100 Will suit SB60
98.085.170 Will suit SB80 & SB110

Optional extras:

- 98.085.399 Motor & pump kit
- 98.085.890 Digital stat/timer
- 98.085.541 Main fan filter kit SB40 & SB60
- 98.085.542 Main fan filter kit SB80 & SB110

Also available: roof seal kits & a full range of flue accessories

The standard flue kit provides 4.6 metres ground clearance:
FK5 Will suit FSO29/44 (5" diameter)
FK6 Will suit FSO60 (6" diameter)
FK7 Will suit FSO88/117 (7" diameter)

Accessories:

- 98.085.411 Combustion air inlet kit All
- 98.085.407 Main fan filter kit FSO 29/44
- 98.085.408 Main fan filter kit FSO 60/88
- 98.085.409 Main fan filter kit FSO 117

THERMOBILE

UK LIMITED

Prices shown are supply only & carriage paid UK mainland

Reliable



Robust

MOT Equipment



Also from our extensive range:
4 Post Lifts



Laser Aligners



Sprinter Mobile Lift



MOTIS UK LTD
FREE
Help Line
with every Ranger
MOT Package



UK's Premier
Independent
MOT Consultants

Probably the largest range of equipment in the UK!

Call your local IFA Member to discuss your needs today!



Direct Propane Fired Space Heaters

- Clean combustion
- Easy to maintain
- High capacity for low price
- Stainless steel body
- Adjustable capacity regulator (G30E & G45E)
- Piezo push button ignition & thermocouple flame protection
- Complete with gas hose, gas pressure regulator & gas supply safety device

Model	Nett Heat Output	Heated Air Flow	Consumption	Supply
G15E	51,250 BTU/hr	300 m ³ /hr	1.17 kg/hr	230V
G30E	106,600 BTU/hr	750 m ³ /hr	2.46 kg/hr	230V
G45E	148,600 BTU/hr	850 m ³ /hr	3.43 kg/hr	230V

* Nett heat output is maximum & consumption approximate



Room ventilation is required

IFA Offer Price

Propane Fired, G15E £139.00
Propane Fired, G30E £179.00
Propane Fired, G45E £219.00

Direct Oil Fired Space Heaters

- Very mobile, economic in use and highly reliable
- High pressure fuel pump for diesel or paraffin
- Safe cool outside housing
- 1-way pipe system prevents fuel disturbance
- T models with manual on/off switch
- TA80 heater with burner relay, photocell flame control & connection for operation with remote room thermostat



Room ventilation is required

IFA Offer Price 5 yr weekly lease

Oil Fired, T16 £399.00 -
Oil Fired, T22 £475.00 -
Oil Fired, T40 £645.00 -
Oil Fired, TA80 £1295.00 £7.17

Model	Nett Heat Output	Heated Air Flow	Consumption	Supply
T16	64,000 BTU/hr	600 m ³ /hr	1.96 L/hr	230V
T22	88,000 BTU/hr	600 m ³ /hr	2.70 L/hr	230V
T40	160,000 BTU/hr	1200 m ³ /hr	4.92 L/hr	230V
TA80	320,000 BTU/hr	2150 m ³ /hr	9.83 L/hr	230V

* Nett heat output is maximum & consumption approximate

Also Available:

- Infra-red Radiant Oil Fired Heaters
- Electric Heaters
- Dehumidifiers

THERMOBILE

UK LIMITED

Prices shown are supply only & carriage paid UK mainland

Emission Testers

All Tecalemit offers valid for goods delivered by 30.04.09

Combined Emission Tester (TGD DiCom 5480)

The DiCom range of emission testers from Tecalemit are recognised by testing authorities throughout Europe as the most reliable high performance emission testers available today. Features include:

- Patented DiSpeed engine speed measurement tool
- Only 1 annual calibration/service – reduced downtime
- Integral printer & LCD display screen
- Stylish cabinet with lockable castor wheels
- Emission expert diagnostic programme
- Diagnosis-plus for in-depth analysis
- New faster diesel smoke test programme
- 3 Year warranty



Only £5899.00
5 yr weekly lease £32.67

(DiCom 5480/5)

Now available with manufacturer's 5 year warranty & service package

5 yr weekly lease
£42.65

Tecalemit first for garage equipment

Dix 480 Combined Emission Tester (Dix 480)

A modular emission tester that can be supplied as either a basic diesel engine smoke meter or petrol engine 4 gas analyser, or as a combined emission tester. Features include:

- Single annual calibration
- DiSpeed engine speed measurement tool
- 3 Year warranty
- 3 Years VOSA data (2 annual updates included)
- Windows XP operating system
- 17" TFT plasma display
- A4 printer protected from dust in cabinet
- Integral cable storage
- Optional 2nd screen for test lane result display & reference data



Only £5899.00
5 yr weekly lease £32.67

Rail Mounted Headlamp Beam Tester (DE7588)

Supplied complete with rails & fixings. Approved for all Classes of MOT testing. Suitable for Gas Discharge type headlamps such as Xenon. Features include:

- Easy to read screen & LCD Display
- Counter balanced box for easy vertical movement
- Optical box height laser alignment
- Stable 3 wheel base
- RS232 Connectivity & software



suitable for Xenon headlamps

Only £789.00

(DE7588/Inst)

- Rail mounted headlamp beam tester
- Installation by Tecalemit engineers includes calibration & certification

Only £849.00



Quadra 4 Post Lift Range

The range includes Service Lift, Class IV & VII MOT and ATL lifts from 3.5, 4.0 & 5.0t capacity.

Features include:

- Electro hydraulic operation
- Compact low profile design
- Lowered jacking beam rail for improved clearance
- 3ph Power supply or 1ph option
- Safety latching systems

Tecalemit Quadra Lifts are in use in 1000s of workshops throughout the UK & Europe

Quadra 5.0t Capacity Lift (494 9743)

- Suitable for Class VII MOT Testing
- 5.0t lifting capacity
- Surface mounted 5.2m platform

Only £5699.00
5 yr weekly lease £31.56

Quadra 3.5t Capacity Lift (493 9303)

- Suitable for Class IV MOT Testing
- 3.5t lifting capacity
- Surface mounted 4m platform

Only £3599.00
5 yr weekly lease £19.93



Quadra Class VII MOT Lift (494 9743)

Tecalemit - the UK's leading Test Lane equipment supplier



MOT Testing

The Tecalemit MOT Equipment range is the most comprehensive available from a single supplier. All equipment has required VOSA approvals and appropriate CE/ISO accreditation. Tecalemit's experienced Technical Sales Staff (located throughout the UK) guide customers through the application process and prepare CAD layout drawings for presentation to VOSA. All Tecalemit equipment is installed by Tecalemit engineers who also provide after-sales support, servicing & calibration.

MOT Packages Include:

- Electronic roller brake tester with LED display screen
- Hydraulic 4 Post lifts with a range of platform specifications
- Manually operated hydraulic jacking beams
- Electronic headlamp beam tester
- Radius turning plates
- Digital decelerometer (Quad & 4WD vehicle approved)
- Initial calibration & certification



Class VII MOT Bay with Brake Tester

MOT Packages

	IFA Offer Price	5 yr weekly lease
Class IV MOT Package	£11899.00	£65.90
Class VII MOT Package (including 5t Quadra lift)	£16599.00	£91.93



ATL Packages Include:

As MOT Packages plus:

- Low profile Quadra lift
- Integral, flush fitting hydraulic wheel play detectors
- Automated brake test procedure
- Brake tester installation frame
- Brake pedal applicator
- Mirror kit
- Operator workstation with PC & TFT screen



All Class IV & VII ATL & MOT Packages include the digital Decelerometer

ATL Packages

	IFA Offer Price	5 yr weekly lease
Class IV ATL Pit Package	£14699.00	£81.41
Class IV ATL Package with 4.5t scissor lift	£19699.00	£109.10
Class VII ATL Pit Package	£18699.00	£103.56
Class VII ATL Package	£25499.00	£141.23
Class VII ATL Package (includes long wheel base lift)	£26399.00	£146.21
Class VII ATL Package (includes 5t scissor lift)	£28599.00	£158.39

Premium Package Class IV ATL Including Dix 480 Emission Tester

From £24599.00
5 yr weekly lease £136.24

Dix 480 (details on previous page)



4t Capacity ATL

OPTL Testing Upgrade to Existing Class IV or VII

Pre-existing MOT Stations can now upgrade to One Person Testing by adding approved wheel play detectors & associated equipment. Tecalemit have approved equipment & provide expert advice/assistance as well as the best OPTL lift equipment which includes:

- Class IV: Quadra SF 9254 Lift
- Class VII: Quadra SF 9057 Lift
- Lifts have integral, flush fitting hydraulic play detectors
- Brake pedal applicator
- Mirror kit
- Headlamp tester
- Jacking beam
- 5t Long wheel base ATL lift available



OPTL Upgrades

	IFA Offer Price	5 yr weekly lease
upgrade to existing Class IV	£10999.00	£60.92
upgrade to existing Class VII	£11299.00	£62.58
upgrade to existing Class VII (includes long wheel base lift)	£12199.00	£67.56

OPTL Test Lanes

OPTL Test Lane Packages

	IFA Offer Price	5 yr weekly lease
Class IV OPTL Package	£16399.00	£90.83
Class VII OPTL Package	£19999.00	£110.76

2 Post Lifts

'Sentinel' Hydraulic Lift
A Master in its Class

3.2t Capacity 2 Post Electro Hydraulic Lift (444 9070)

Features include:

- Cost saving electro hydraulic operation
- Low lifting pad height
- Electrically operated mechanical latching
- Reduced maintenance cost
- Semi-base frame design
- 3ph Power supply (1 phase option at extra cost)

Only £2359.00
5 yr weekly lease £13.07



Class I & II MOT Motorcycle (MOT3000)

Package Includes:

- Electronic Roller Brake Tester:
 - Tests all Motorcycles &
 - Motorcycle/Sidecar combos
 - Large LED display
 - Automatic weighing & brake force calculation
- Alignment bar & cords
- Headlamp beam tester, rail mounted, with RS232 Port



Only £5599.00
5 yr weekly lease £31.01

Tyre Changers & Wheel Balancers

Semi-Automatic Tyre Changer (BL512)

Semi-Automatic swing arm tyre changer. European manufactured to highest standards, ideal for general tyre fitting. Features include:

- Raised bead breaker takes larger wheels
- Clamps wheels from 10-22"
- Use with wheels up to 12" wide
- 1ph Power requirement
- Includes installation & on-site training
- **FREE Alloy Rim Protection Kit, 5kg Bead Paste/Brush, 100 Tyre Valves**

Only £1199.00
5 yr weekly lease £6.64



Semi-Automatic Wheel Balancer (SBM55)

Tecalemit's entry level semi-automatic wheel balancer. It's easy to use with simple data entry and auto-start. Features include:

- Double LED
- 5 Alloy Programmes
- PAX Programmes
- Suitable for steel & alloy car wheels
- Space saving wheel cover design
- Increased storage capacity in cabinet

Only £1429.00
5 yr weekly lease £7.91



Teco Kit Wheel Balancer Accessories (OA60240)

Range of adapter cones & flanges to enable precision balancing on most saloon car & LGV wheels. Storage board & tray for wall mounting. Features include:

- Enables balancing of:
 - closed centre (French wheels)
 - LGV wheels up to 7.5t
 - all 4X4 wheels
- Hardened steel for durability
- Supplied with wall chart

Only £1059.00
5 yr weekly lease £5.87



Automatic Tyre Changer (AL518)

Features our 2 piston pneumatic arm locking system ensuring highly accurate positioning of the operating head/complete operational stability. Features include:

- Automatic operation
- Tilting column allowing easier access
- Precision pneumatic operating arm locking
- Suitable for wider wheels
- **FREE Alloy Rim Protection Kit, 5kg Bead Paste/Brush, 100 Tyre Valves**

Only £1619.00
5 yr weekly lease £8.97

Automatic Tyre Changer Complete (AL518/TH)

As AL518 plus:

- Technoroller for use with low aspect tyres & alloy rims
- Helper Arm to assist re-fitting tyres

Only £2829.00
5 yr weekly lease £15.67

Automatic Wheel Balancer (SBM150)

High performance balancer with automatic data entry, heavy duty cabinet and easy operation. An absolute must for higher volume tyre bays

- Automatic measurement of wheel data
- 7 balancing programmes
- Pax wheel programmes
- Split (hidden) weight programmes
- Optimisation Programme
- Large double digital display

Only £1799.00
5 yr weekly lease £9.96



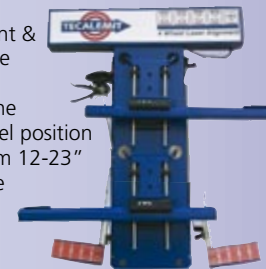
Tecalemit first for garage equipment

4 Wheel Laser Alignment System (GTR150W)

Supplied with wall mounted storage unit. Receive on-site training from Tecalemit wheel alignment experts in addition to the most versatile alignment on the market today, with increased wheel accessibility (12 - 23") & very low ground clearance for vehicles with low front spoilers

- Measures:
 - Individual front & rear wheel toe
 - Set back
 - Rear thrust line
 - Steering wheel position
- Suits wheels from 12-23"
- Adaptors include 2 sets each for low spoilers & rim buttons
- Rapid operation with easy 'hang on' measuring heads
- 2 Year warranty, on-site demonstration
- 2 Storage options

Only £2159.00
5 yr weekly lease £11.96



Air Conditioning Servicing

High Precision Automatic A/C Servicing Unit (AC2500/9)

Recognised as the highest specification automatic A/C unit on the market. Now includes vehicle database

- Automatic operation
- LCD display
- Refrigerant bottle heater to speed up recharging
- Heavy duty cabinet
- Integral printer
- Programmable refrigerant recharge mass
- Automatic new oil injection
- **Supplied with Accessory Starter Pack**

Only £2749.00
5 yr weekly lease £15.23



ATL/OPTL Lifts

MOT packages

Wheel Care

ATL/OPTL lifts include:

- Designed specifically to meet VOSA requirements
- Complete with recessed radius plates & air operated axle play detectors
- Safe & reliable hydraulic operation; Anti Tilt System
- Includes: Pedal depressor PDATL & Mirrors x 2

H4103ATL Class IV 4.0 tonne

The only lift on sale that fits a 130mm recess - that's 99% of existing recesses!

Minimal inconvenience caused, save £1000s on ground work, lost MOTs & downtime. Short of space? Used in an ATL bay the new H4103ATL makes it the shortest bay on the market! Fits an MOT bay 3800mm wide

Only £9899.00
5 yr weekly lease £54.83

H4403ATL Class IV 4.0 tonne

- 4 tonne lift, 4700mm platform length

Only £11999.00
5 yr weekly lease £66.46

H4403ATL SL Class IV 4.0 tonne

NEW 4340mm platform length

Only £10449.00
5 yr weekly lease £57.87



H4503ATL Class IV & VII 4.0 tonne

- 4 tonne lift, 5450mm platform length

Only £12999.00
5 yr weekly lease £71.99

H4703ATL Class IV & VII 5.0 tonne

- 5 tonne lift, 5700mm platform length

Only £11699.00
5 yr weekly lease £64.79



H4503ATL LWB Class IV & VII

5.2 tonne NEW Long wheel base 6100mm platform length

12

Only £14399.00
5 yr weekly lease £79.75



MOT Packages

		IFA Offer Price	5 yr weekly lease
Analogue Brake Tester			
1040A	Class IV	£6899.00	£38.21
PC Brake Tester			
1040V	Class IV	£8599.00	£47.63
1070V	Class VII	£10289.00	£56.99
1040VATL	Class IV	£10999.00	£60.92
1070VATL	Class VII	£13059.00	£72.33
MOT Bay with Analogue Brake Tester			
441A	Class IV	£12299.00	£68.12
MOT Bay with PC Brake Tester			
441MC	Class I & II	£6599.00	£36.55
441V	Class IV	£14399.00	£79.75
743V	Class VII	£19399.00	£107.44
ATL Bay with PC Brake Tester			
441VATL	Class IV	£20999.00	£116.30
743VATL	Class VII	£26999.00	£149.53
743VATL LWB	Class VII	£25499.00	£141.23
743VATL LWB EX	Class VII	£27999.00	£155.07



Full range of 2 & 4 post & scissor lifts available

ATL Scissor lifts

- Hydraulic axle play detectors & recessed turning plates, flush fit

ATL Scissor Lifts

	IFA Offer Price	5 yr weekly lease
H8203ATL 5t 5.2m	£14499.00	£80.30
H8303ATL 4.5t 4.5m	£13499.00	£74.76

WC5201RM

Racing auto tyre changer

- Stands up to long term intensive use
- Capacity 10"-24" external, 12"-26" internal
- Double assist arm & roller
- Bead jet blaster inflation
- Two position bead breaker
- Plastic foot inserts help protect alloy rims
- Op. pressure 8-10 bar (116-145 psi)
- 3 Phase

Only £2759.00
5 yr weekly lease £15.28



WC5201

Fully auto tyre changer

- Tilt column action
- Capacity 12"-20" external, 12"-23" internal
- Includes:
 - air filter/regulator/oiler
 - tyre inflater/pressure gauge
 - alloy wheel protection kit
 - tyre lever, soap bucket
- Single phase
- Operating pressure 8-10 bar (116-145 psi)

Only £1169.00
5 yr weekly lease £6.47



Assist arm available

WC5521

Electronic wheel balancer

- Motorised, computerised balancer for budget tyre shops/service workshops
- Includes:
 - Rim width measuring calliper
 - Wheel weight pliers/hammer
 - 4 x standard cones
 - Delivery, installation & basic training
- Other cones/adaptors available

Only £1339.00
5 yr weekly lease £7.42



Buy WC5201 + WC5521 together Save £249!

Only £2259.00
5 yr weekly lease £12.51

Wheel free

H4543

5 tonne 4 Post wheel free electro-hydraulic lift

- Safe & reliable hydraulic operation
- Ideal general workshop use for 4x4, standard & LWB vans
- Platform length 5450mm & 160mm low profile platform
- Anti tilt system, emergency stop valve
- Automatic air-operated parking system
- Low maintenance costs
- Eccentric brake system



Wheel Free Lifts

	IFA Offer Price	5 yr weekly lease
H4443 4.0 tonne	£9299.00	£51.50
H4543 5.0 tonne	£11299.00	£62.58

BRADBURY

EQUIPMENT

BRADBURY

EQUIPMENT



Bradbury M2903

Electro mechanical (shaft driven)

3 tonne

3120mm x 1515mm

100mm

Italy

1 year

from stock

2640mm

150mm

35N/mm²

3620 x 2115mm

High lift pads 60mm & 170mm FOC

3 phase

Only £2899.00

5 yr weekly lease £16.06



MAYWOOD EQUIPMENT GROUP LTD

Maywood Europa 3000

Electro mechanical

3 tonne

3100mm x 1500mm

90mm

Italy

On-site, parts and labour - 1 year

Lifting nut - 5 years

from stock

2670mm

150mm

C20/25 to BS EN206-1

3500 x 1500mm

High lift pads 60mm FOC

Optional 100mm & 170mm pads available

3 phase

Only £2459.00

5 yr weekly lease £13.62



Ranger XPR-9

Electro hydraulic

4 tonne

3353mm x 1800mm

102mm

Assembled in USA

Structure - 5 years

Hydraulics - 2 years

from stock

3251mm

150mm

C20/25(B25) to BS EN206-1

3500 x 1500mm

4x4 & van adaptors FOC

1 or 3 phase

30 Day money back guarantee

Only £2499.00

5 yr weekly lease £13.84



Tecalemit SF9010

Electro mechanical

3 tonne

3160mm x 1300mm

90mm

Italy

1 year

Lifting nut - 5 years

from stock

2675mm

150mm

C20/25 to BS EN206-1

3500 x 1500mm

High lift pads 60mm FOC

Optional 100mm & 170mm pads available

3 phase

Only £2299.00

5 yr weekly lease £12.73

2 Post Lifts

(surface mounted)

SMART CHOICE BUYING GUIDE

Supplier

Lift model

Lift type

Lifting capacity

Footprint

Minimum arm height

Country of origin

Warranty

Replacement parts

Overall lift height

Minimum foundation depth

Required foundation strength

Minimum foundation area

Accessories

Power supply

Terms

0.6t Yankee Vertical Transmission Jack (600TR)

- ✓ Min/Max saddle height: 1175/1985mm
- ✓ High speed lift to gearbox - just lift piston
- ✓ Foot pedal operation keeps hands free
- ✓ Spring loaded dead man's safety release control reduces the risk of inadvertent lowering
- ✓ Highly manoeuvrable on castors

Only £159.95
List Price £299.95



2.0t Yankee Jacking Beam, 1.6m Extending Arms & Flat Roller Supports (SJBEX200)

- ✓ 2 Tonne capacity, fully certified and approved to comply with VOSA requirements
- ✓ 1.6m Load arm reach
- ✓ Two-stage mechanical safety lock and telescopic finger guards
- ✓ Spring loaded flat arms with roller bearings
- ✓ Alternative hook arms included
- ✓ Supplied with two pairs of aluminium support blocks
- ✓ Wide lift configuration meets VOSA recommendation for lifting on jacking point

Full product specifications at www.sealey.co.uk



Only £379.95
List Price £799.95

800kg Yankee Floor Transmission Jack (800CEW)

- ✓ Min/Max height: 155mm/795mm
- ✓ Wide chassis gives extra stability and enables saddle to drop lower than standard design jacks
- ✓ Full 360° rotating pump handle operates in any rotation
- ✓ Four castors for extra manoeuvrability in confined spaces
- ✓ Fully adjustable saddle (forward, backward and side to side tilt)
- ✓ Supplied with chain and adjustable corner brackets for safe loading



Only £279.95
List Price £499.95

Cascos C120

- 2 tonne Single Post Lift
- Space saving
- Hot rolled steel column
- Full safety system
- Single phase

Cascos C125

- As C120, 2.5 tonne capacity, 3 Phase



Single Post	IFA Offer Price	5 yr weekly lease
Cascos C120	£3699.00	£20.49
Cascos C125	£3259.00	£18.05

Maywood - sole importers to the UK of Cascos & Hofmann lifts



Europa Short Lift

- Mobile Electro-hydraulic Lift
- 2.5 tonne Lifting capacity
- 1 Phase
- Lifting height 930mm

Only £2459.00
5 yr weekly lease £13.62

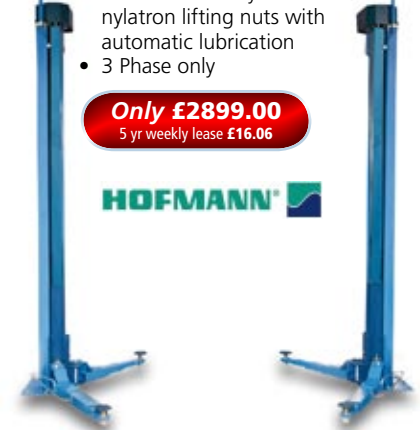
LASTING QUALITY MEANS FANTASTIC VALUE

MTF 3000

- Electro-mechanical 2 Post Lift
- 3.0 tonne Lifting capacity
- Lifting height 1750mm
- 10 Year warranty on nylontronic lifting nuts with automatic lubrication
- 3 Phase only

Only £2899.00
5 yr weekly lease £16.06

HOFMANN



MAYWOOD EQUIPMENT GROUP LTD

For details of all Maywood Lifts visit www.maywoodgroup.co.uk with over 50 models in Maywood's range, you get a quality solution that matches your needs - exactly

Maywood The Lift Experts

Force 30

- 2 Post Electro-hydraulic lift
- 3 tonne capacity
- Manufactured in Europe
- 1 Phase or 3 phase available
- Low pick up pad height

Force 36 Lift

- 3.6 tonne 2 Post Lift
- 3 Phase
- Overhead & deadman controls
- High resistance steel columns
- Top quality specification
- 1 Phase available (£100 extra)



Force 30 shown

2 Post	IFA Offer Price	5 yr weekly lease
Force 30 3.0t	£2829.00	£15.67
Force 36 3.6t	£3699.00	£20.49

Europa 3500 & 4000

- Electro-hydraulic 4 Post Lift
- 3.5 tonne/4.0 tonne Lifting capacities
- Platform length 4080/4800mm
- Jacking beam optional extra



Top Spec!

4 Post	IFA Offer Price	5 yr weekly lease
Europa 3500	£4119.00	£22.81
Europa 4000	£4429.00	£24.53

LAUNCH

the name workshops around the world trust for vehicle diagnostic solutions

X-431 Tool (Wireless/Bluetooth Ready)

The technician's tool! Diagnostic excellence offering complete system search. Same features as X-431 Super Scanner with added Bluetooth/colour touch screen, plus:

- OEM level scanning
- Detailed OEM level diagnostic system scanning on European & Asian manufacturers, including Daihatsu, Jaguar & GM
- Rechargeable Lithium battery, up to 10 hours life
- Daily online software updates
- New anti-oil stain, anti-dust, shockproof robust design

Only £2995.00
5 yr weekly lease £16.59



X-431 Super Scanner

Perfect for working with a wide range of vehicles:

- Detailed OEM level diagnostic system scanning
- CANBUS system capability
- Touch screen & built in mini printer
- Covers: ABS, air conditioning, airbags, automatic transmission, body & chassis control, comfort electronics, engine, entertainment, immobilizer, instrument cluster, parking control, tyre monitor
- Functions: actuation tests, display data stream, coding, control unit identification, key programming, read/erase diagnostic fault codes
- Exact cover & functions vary across manufacturer/model
- VMs: Alfa Romeo, Audi, BMW, Chrysler, Citroën, Daewoo, Fiat, Ford, Ford (US), Honda, Hyundai, Kia, Lancia, Landrover, Mazda, Mercedes-Benz, Mercedes-Benz Sprinter & V-Class, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rover, Saab, Seat, Skoda, Smart, Ssangyong, Subaru, Suzuki, Toyota, Volkswagen, Volvo

Only £2495.00
5 yr weekly lease £13.82



If you buy no other diagnostic tool, the X-431 is the one to buy

Creader IV

- Recently developed by Launch Tech to interrogate all OBD protocols
- Reads & clears current/pending fault codes of OBD11 system
- Supports OBD protocols: SAE J1850 PWM, SAE J1850 VPM, ISO 9141-2, EKWP2000, CAN
- Supports the freeze frame function
- Checks Malfunction Indicator Light function
- Display the VIN number
- LCD display (128x32)
- Two line text display
- Simple two key operation
- Features plug and play
- Simple user manual includes descriptions of 1000 fault codes
- Mini CD describes 1000s more fault codes
- Highly portable pocket sized device

Only £49.95

CRecorder

- Plug & play device that records OBD11 live data
- Captures/records up to 24 hours of live data
- Recorded data downloaded to PC running client software from website
- Identifies when fault code was set & presents data in charts/tables for accurate diagnosis
- Compact design: 50x40x20mm
- Supported protocols: ISO9141, J1850PW, J1850PVM, ISO 14230KWP, CANBUS
- Complete, includes software & USB cable
- 24 hours of recording over 30 drive cycles
- User friendly interface with clear data display

Only £59.95



Multi-Di@g
Multi-make Diagnostics

- Wide coverage: many vehicle makes, from early to up-to-date models
- Easy to use diagnostic software to perform the following functions:
 - fault code read/erase
 - ECU configuration
 - live parameter reading
 - component testing
 - actuator testing
 - report facility & more!
- Annual software subscription includes software updates, telephone helpline, aftersales service, installation on-site & commissioning

Multi-Di@g is available as:

Master: 12" touchscreen tablet PC

Mobile: 8" touchscreen tablet PC

Access: turns your PC into a high performance diagnostic tool

Multi-Di@g
Master
Special
IFA Offer

Ask your local IFA Member for details today!



Master



Mobile

Truck,
bus & trailer
diagnostics
available



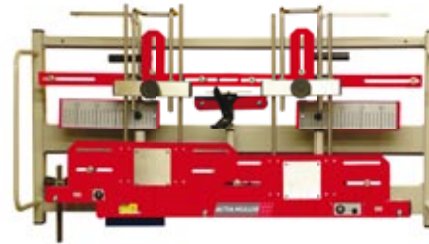
Ask for details

	IFA Offer Price	5 yr weekly lease
Master	poa	poa
Mobile	£2916.43	£16.15
Access	£1685.72	£9.34

Price includes first year subscription

Laser Wheel Aligner 'LiteAlign'
Capacity for traditional & large wheels

- Total toe (front & rear)
- Individual toe (front & rear)
- Set back
- Thrust angle (crab)
- Steering wheel aligner
- Wall display board
- Steering wheel lock
- Pedal depressor



Options include:

- Graduated scales
- Turnplates
- Digital caster, camber, KPI gauge

Only £1975.00
5 yr weekly lease £10.94

Special
IFA Offer
(List Price £2323.00)

Tyre Changer Automatic (4886)

- Automatic tyre changer
- Pneumatic tilting column for fast wheel location
- Head and rim alignment carried out in one operation
- Optional third arm available to change low profile or run-flat tyres (at extra cost)



Only £1195.00
5 yr weekly lease £6.62

Special
IFA Offer
(List Price £1720.00)

Wheel Balancer
Motorised (3608)

- Low-spin wheel balancer
- Fast operation
- Hidden weights program
- Brake to finish test



Only £2100.00
5 yr weekly lease £11.63

Special
IFA Offer
(List Price £2381.00)

Get into Tyres for Less!

Starter Package (not shown)

Only £2500.00
5 yr weekly lease £13.85

Semi-Auto Tyre Changer (4800) +
Motorised Wheel Balancer (3607)

Emissions - the very latest combination station

Built for ultimate reliability complete with 'INDUSTRIAL PC'

- Large high resolution 19" monitor
- Cable-free remote control
- Fast, user friendly operating programme
- Non-restrictive modular design
- Unique Actia Muller versatile operating platform

Only £4995.00
5 yr weekly lease £27.66

Smoke Only

Budget option - ensure 2009 compliance!
Call your local IFA Member for a price



Additional Profit Opportunity! Shock Absorber Testing

"After purchasing... we achieved an immediate return by way of sales of shock absorbers"

Ian Matthews, Quick Clutch

- No ground works required
- Minimal space requirement
- Complete vehicle test in under 3 minutes
- Printed results
- Easy to understand
- Fixed and mobile versions available

Only £7395.00
5 yr weekly lease £40.96

Special
IFA Offer



Diesel Technology & Electronic Stability Control

Developments in automotive technology continue at a breathtaking pace. For a modern independent garage it is vital that new skills are developed to keep up with these changes. In this article we look at how automotive technology has developed in the last ten years. We start with diesel technology which has seen the most dramatic advance in technology and performance, and then look briefly at vehicle safety systems, in particular ESP (Electronic Stability Programmes).

Developments in Diesel Injection

Just over ten years ago, a common indirect diesel injection engine would have a power output of approximately 80 bhp and would struggle to meet the most lenient emission standards. The engine utilised an injection pressure of 170 bar and injectors were opened by the crack pressure of the pump. Injection systems were inaccurate, prone to mechanical wear and, when needed, required very expensive bench testing for repairs and recalibration. Compare the old systems with today's most advanced diesel engine technology - injection pressures in excess of 1850 bar with injector opening activated by a piso crystal module. The result is a two litre engine meeting the most stringent Euro Five emission standards, yet still capable of producing 204 bhp.

This impressive increase in performance is achieved by components manufactured to the highest possible tolerances. In most instances a garage will need some form of advanced diagnostics to recode /calibrate these components to the vehicle. Take the piso crystal injector as an example. This component utilises the properties of a piso crystal, whereby

an electrical charge of 120V changes the physical dimensions of the crystal itself. Inside the injector there are 13,000 wafers of piso crystal. The injector can open and close five times in less than three milliseconds and the internal tolerance of the injector needle is less than two microns. No two injectors are manufactured to the same tolerance which accounts for their unique coding. To recode the injector for replacement requires a garage to use suitably advanced diagnostics.

The days when a technician knew which component was defective and merely replaced it are gone. Modern technicians must now rely on advanced diagnostics to allow them to recode in order to replace a component

Diesel Particulate Reduction

The requirement to reduce soot emissions to acceptable levels has led to further development of diesel engines. One manufacturer in particular, Citroën Peugeot, is achieving this by extending its FAP® (diesel particulate filter system) to their entire range of diesel powered vehicles. First seen in 2000 in the 406 2.2 HDI coupe, FAP® uses an additive called 'eloy', which is injected into the main diesel tank and combusted in the usual way. The exhaust gases are forced through the walls of a DPF (diesel particulate filter) which captures the soot.

After just a few hundred miles the filter would become clogged, so it needs to be regenerated. A small amount of diesel fuel is injected late in the stroke of the engine, so that it does not burn, but comes into contact with an oxidising CAT placed just in front of the DPF. This increases the temperature in the DPF to around 450°C. Soot usually combusts (and is therefore removed from the DPF) at 600°C, but a molecule of the additive eloy has attached itself to each soot particle, lowering

the combustion temperature of the soot to 450°C.



Diesel Particulate Filter

The FAP® system requires maintenance at 60,000 miles - the eloy additive tank is refilled and the DPF replaced. While these two tasks are fairly routine for the modern technician, it requires a diagnostic capability to reset the telemetric counters for both the eloy tank and the DPF filter. If they are not reset, the system will not recognise it has had a DPF service.



Multi-Diag's Actia connected to a Peugeot DPF system

Electronic Stability Programmes

Increasingly widespread use of ESP (electronic stability programmes) is contributing to automotive safety. In fact, these systems will become a mandatory requirement for every car, van and light commercial vehicle sold in Europe within a few years.

ESP employs the principle of track lane vehicles - to turn the vehicle left, the track on the left hand side of the vehicle is broken, and vice versa. Steering angle sensors and brake pressure switches inform the system of the driver's desired position. The information is compared with the vehicle's actual position, obtained by its lateral and yaw acceleration sensor. If the car enters a bend and the system detects that the driver's input does not match the true direction of the car, then it applies the brake to one of the four wheels, and reduces engine power to bring the vehicle back onto the true course.



Diagnostic platform connected to a car's electronic throttle pedal

The primary component of the system is the steering angle sensor. If it is replaced or any work is carried out on the steering components of the vehicle, then the sensor must be checked, and recalibrated where appropriate. This can only be achieved using advanced diagnostics. Uncalibrated, the ESP will almost certainly be deactivated and a reduction in vehicle stability and safety is inevitable.

This brief overview has stressed the importance of cutting edge diagnostic technology. Over the next decade garages will only remain competitive and stay in business by adopting this new technology.

This feature is sponsored by Shire Leasing

Contact your local IFA Member for details of Shire Leasing packages to take your business forward



Flexible finance from firm foundations

by Steve Carter
SMART CHOICE DIAGNOSTICS DIGEST



Flexible finance from firm foundations

MAGUS

Specialist Reset Tools

- 3-in-1 (Mercedes, BMW & Volvo)
- BMW Oil/SRL Reset Tool
- MB Oil/Distance Reset Tool
- MB/SBC Brake Bleed Tool
- Volvo SRL/SRS
- Porsche Service Reset Tool
- VW/Audi Oil Reset Tool

- Available for Mercedes, BMW, Volvo, Mini, VW, & Audi

Only £225.00



CMT

highly advanced, user-friendly, wireless diagnostics

CMT (Compact Multi Tester) is an affordable and easy-to-use handheld diagnostic instrument. Together with a Pocket PC it makes a powerful tool for the independent workshop. You can perform serial diagnosis (OBD/OBDII/eOBD) read/erase fault codes and perform service reset. Live data can be read via eOBD.

CMT is equipped with Bluetooth, which allows you to use the tool up to 10 meters from the vehicle. If PC used, you can even connect the CMT via the built-in USB port.

Does our CMT look familiar? Why pay more for the same thing, buy the original at the best possible value!

Only £1195.00
5 yr weekly lease £6.62

LEAK DETECTOR THE PERFECT TOOL FOR DETECTING ANY TYPE OF AIR LEAK!



Applications

- Vacuum Leaks: hoses, gaskets, valves, diaphragms, choke pull-offs, heated air intake control and diaphragm systems, EGR hoses, & controls.
- Exhaust Leaks: Manifold cracks, EGR valve feed tubes & passages, exhaust pipes, catalytic converter, muffler, heat control valves, & crossover passages
- Plus: Injector system leaks, evaporator control system leaks, oil leaks, under dash vacuum leaks, brake booster system leaks, head gasket leaks, cylinder leakage, air & water leaks, turbo/super charger system leaks & component replacements test prior to installation.

Features

- Variable Pressure Control
- Check Valve Quick Release
- High Tech Electronic Control
- Double Action Solenoid

Only £699.99



MULTISCAN ASIAN

DO YOU WORK MOSTLY ON ASIAN VEHICLES?

Get your favourite handheld diagnostics scanner as an Asian only version and make further savings

Only £1495.00
5 yr weekly lease £8.28

NOW INCLUDES 2 Years FREE software updates



MULTISCAN FULL

The Multiscan is an outstanding tool for mobile technicians and established workshops alike. Easy to use and completely robust it is the first option over ALL other scan tools!

Only £2745.00
5 yr weekly lease £15.20

NOW INCLUDES 2 Years FREE software updates

MULTISCAN FEATURES:

- Diagnostics ✓
- Key Coding ✓
- Programming ✓
- Activation Coding ✓
- Value for money ✓✓✓



FUTURE PROOF
128MB HIGH-SPEED MEMORY CARD

EXTRA - VISIBLE
CLEAR BACK-LIT LCD SCREEN

SOFT-TOUCH
ERGONOMIC MEMBRANE KEYPAD

ULTRA - FAST
HIGH-SPEED USB-II PC INTERFACE

RUGGEDIZED
WORKSHOP PROOF TOUGH RUBBER COVER

3 years product warranty
All cables & connectors fully included
Integrated CAN, J1850, Serial & USB, making Multiscan totally future-proof
Exclusive dedicated online & phone support
All European, Asian, import cars, American, Australian & many many more...

The World's No 1 Brake Fluid Tester
 quick and simple operation...increase brake servicing...improve road safety



Alba Diagnostics PRODUCT FOCUS

'Retrieve' your profits with Alba Diagnostics!

Brake Fluid Tester (ALB1100)

- Boiling point tester: the only approved way to test brake fluid
- Test takes only 30 seconds
- Actual boiling point is displayed
- Backlit LCD leads operator through test sequence
- Multilanguage display
- Tests up to 320°C (608°F) - suits new & racing fluids
- Unique patented technology
- Approved by world's leading brake, brake fluid & vehicle manufacturers



Only £229.00

Testing & changing brake fluid is as profitable as changing engine oil! Brake fluid deteriorates over time because it absorbs water, which lowers its boiling point.

Use the Alba brake tester and change the fluid if the reading is below the recommended minimum. Alba advise taking 10% off the measurement obtained as a safety margin as the temperature taken at the master cylinder is always approx 10% worse at the brake caliper. Test every car that comes through your garage and if you do two brake fluid changes a day, at £39.95 per vehicle you'll increase sales by £24,000 per year!

At £49.95 per vehicle, sales increase by £30,000!

Be warned conductivity brake fluid testers are poor at testing new brake fluids as conductivities vary widely!

Fuel Retriever (ALB30634)

- Safely removes & stores petrol/diesel
- Works on workshop compressed air to create a vacuum, pulling the fuel from the vehicle into the fuel retriever using the supplied tube. Reverse returns fuel to the vehicle tank
- Capacity: 90 litres
- Construction: Stainless steel
- No risk of sparks
- Five adapters (6,8,9.5,12,16 mm), earth wires & fuel line recovery attachments supplied
- Capable of emptying even 4X4 tanks



Only £699.00

Iain Millington - a key figure on the petroleum industry safety advisory committee says:

"This retriever is one of the safest on the market, being air operated, anti static and built to withstand petroleum vapour pressure build-up. With the ease of use, anyone who needs a fuel retriever should have this one"

Microflex Gloves - available in Europe exclusively from Alba Diagnostics

- Fully reinforced 3 tear zones
- Beaded cuff, ambidextrous gloves
- Exceptional performance, comfort & durability
- Available in M/L/XL

Microflex MidKnight Powder Free Nitrile Black Glove

Only £7.20
List Price £10.45



Microflex Diamond Grip Powder Free Latex White Glove

Only £6.35
List Price £8.85



As used in CSI, CSI:Miami, CSI:NY, ER & NCIS!

Over 400,000 cars were filled with the wrong fuel in the last reported year. A massive 50% rise year on year.

The average petrol tank size is 60 litres and 89.3% of these wrong-fuel fill-ups are FULL fill-ups. The Alba fuel retriever (ALB30634, see ad alongside) with a tank capacity of 90 litres, ensures a full tank removal in one process.

Air operation offers much faster & easier operation than the old-style hand-cranked units and stainless steel construction allows safe temporary storage of fuel - no worries about distortion due to pressure build-up.

All materials used are anti static, and the unit itself is earthed, as moving petrol picks up static charge and can spark if not treated properly. The ALB30634 also comes complete with a simple and efficient vapour recovery system. This is an extremely important consideration when choosing a fuel retriever, as over 60% of accidents related to fuel are as a direct result of vapour ignition.

Current legislation states that an appropriate fuel retriever should be used for the safe handling and removal of fuel. One or more containers should be used for temporary storage of different fuels. Flexible

hoses must be supplied for access through the fuel filler neck. A unit should come complete with earthing straps, a sight level gauge on each container, a flashback arrestor and vapour recovery pipework. All of these requirements are fulfilled by the Alba ALB30634 **as standard**.

In fact the Alba unit is supplied with a full set of hoses for fuel retrieval from the fuel tank, PLUS a set of fuel line adapters, for extraction directly from the fuel line.

Charge £140 and the unit is paid for after only five uses!

Marketing Director Elizabeth Reid commented: "Major motoring organisations charge between £150 - £200 for retrieving roadside fuel. This is a major profit opportunity for workshops and for fuel retailers. The Alba Fuel Retriever is a simple, easy to use & well-designed solution for a motorist's nightmare. The unit pays for itself with only a few services & allows garages to compete directly & locally with the national motoring organisations." Charge £140 and the unit is paid for after only five uses!

Contact your local IFA Member to place your order today



Dispensers

HDPE Flexi Measure with Lid
(MF20/SA) 2L
(MF50/SA) 5L



MF20/SA £4.99
MF50/SA £5.99

12" HDPE Funnel (J8055)



Only £3.99

Green Jerry Can 20L (J0004)



Only £14.49

Plastic Sprayers Pressure (Viton)

- J0002 Suitable for brake cleaner

(J0001) 750cl
(J0002) 1L



J001 £1.99
J002 £10.99

Pumps

Side Lever Barrel Pump (J3016D)

- Self adjusting suction tube
- Fits drums to 55 gallons
- Fast transfer (250/300cc/stroke)



Only £10.99

Waste Disposal

Plastic Drain Bowl (J2253)

- 6 litre Red bowl with pourer & filter rest



From £2.99

Lights

Technobeam Handlamp (S1S)

- 12v 36W
- Battery clips
- Spring loaded gripper



Only £10.99

Starting

Jump Leads (SWBC4)

- 100% copper booster cables
- 3m x 10mm cable; Max 300amp
- Continuous charge rate 150amp
- Extra heavy duty fully insulated metal crocodile clips with PVC handgrips



Only £10.99

Guns/Nozzles

Grease Gun Bagged (AK445)

- For 400g cartridge or 500cc bulk grease



Only £4.99

Waste Oil Drainers

Standard Oil Drainer 80L (OA24185)

- High quality ALFA gravity waste oil drainer
- 80 litre capacity
- 16 litre bowl capacity
- Low pressure air discharge
- Tool tray
- Level gauge

Only £179.99



Combination Oil Drainer 80L (OA25084)

- High quality combination waste oil drainer
- Gravity & suction facility via dipstick

General features as OA24185 PLUS:

- Vacuum gauge
- Probes: 5x700mm, 1x1000mm
- Mercedes, BMW, VW & Citroën adaptors

Only £289.99

