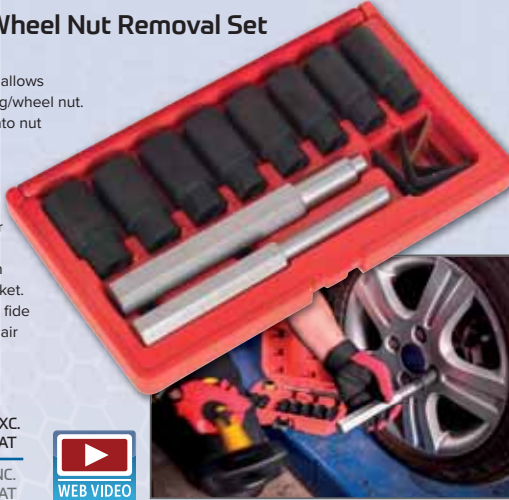


10pc Locking Wheel Nut Removal Set

- Conical shaped design allows socket to fit over locking/wheel nut.
- Socket is hammered onto nut using the punch, so nut and socket wedge together.
- Nut can then be removed with a breaker bar or impact wrench.
- Set also includes punch to remove nut from socket.
- For distribution to bona fide vehicle dealers and repair centres only.
- **Model No. SX272**
- List Price £129.95



£99.95 EXC. VAT
£119.94 INC. VAT



Heavy-Duty 4-Way Wheel Brace

- Lever bar length: 506mm.
- Longer than most other wheel braces on the market, allowing extra force to be applied.
- Manufactured from carbon steel with chrome finish.
- Features three popular sizes of wheel nut sockets, and 1/2" Sq drive adaptor for standard sockets.
- Socket Sizes: 17, 19, 21mm.
- **Model No. AK2096**
- List Price £17.95



£12.95 EXC. VAT
£15.54 INC. VAT

17mm 1/2" Sq Drive Alloy Wheel Impact Socket

- Chrome Molybdenum socket, hardened, tempered and anodised for corrosion resistance.
- Suitable for use with impact tools.
- Six-point socket is sleeved to prevent damage to alloy wheels and nuts.
- **Model No. SX03017**
- List Price £12.95



£8.95 EXC. VAT
£10.74 INC. VAT

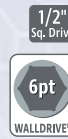


19mm 1/2" Sq Drive Alloy Wheel Impact Socket

- Chrome Molybdenum socket, hardened, tempered and anodised for corrosion resistance.
- Suitable for use with impact tools.
- Six-point socket is sleeved to prevent damage to alloy wheels and nuts.
- **Model No. SX03019**
- List Price £12.95

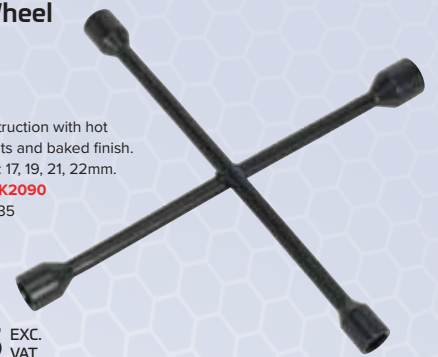


£8.95 EXC. VAT
£10.74 INC. VAT



4-Way Wheel Brace

- Forged construction with hot forged sockets and baked finish.
- Socket Sizes: 17, 19, 21, 22mm.
- **Model No. AK2090**
- List Price £9.35



£6.95 EXC. VAT
£8.34 INC. VAT

3pc 1/2" Sq Drive Alloy Wheel Impact Socket Set

- Suitable for use with impact tools.
- Features nylon sleeve and insert to prevent damage to alloy wheels.
- Colour-coded sockets for easy size selection.
- Comprises standard 17, 19 & 21mm sockets.
- **Model No. SX031**
- List Price £38.95



£22.95 EXC. VAT
£27.54 INC. VAT



Digital Tyre Tread Depth Gauge VOSA Approved

- Calibrated and VOSA approved for MOT testing all classes of vehicle.
- Hardened and tempered stainless steel gauge.
- Range: 0-10mm(0-0.4"), Accuracy: ±0.01mm(0.0005").
- Includes flat surface plate for accurate zeroing.
- **Model No. VS0563**
- List Price £64.95



£52.95 EXC. VAT
£63.54 INC. VAT

FREE

Locking Wheel Nut Removal Set
• Model No. SX200
• List Price £19.95



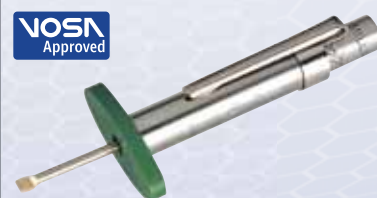
Tyre Tread Depth Gauge Pocket Type



- Chromed steel body with pocket clip.
- Scale from 0 to 25mm in 1mm graduations.
- **Model No. TST/DGE**
- List Price £4.15

£2.95 EXC. VAT
£3.54 INC. VAT

Tyre Tread Depth Gauge VOSA Approved



- Chromed steel body with pocket clip.
- VOSA Approved depth scale includes 1.6mm graduation for minimum tyre tread requirements.
- Scale from 1 to 26mm in 1mm graduations.
- **Model No. TST/DG**
- List Price £8.80

£5.95 EXC. VAT
£7.14 INC. VAT



Digital Tyre Tread Depth Gauge



- Tough composite sliding gauge.
- 10mm High figures in LCD display.
- Metric and Imperial calibration with conversion between the two.
- Range: 0-25mm(0-1").
- **Model No. VS0564**
- List Price £18.75



£10.95 EXC. VAT
£13.14 INC. VAT

WHEELS & TYRES

Professional Tyre Inflator with Twin Push-On Connector

0-140psi

- Manufactured to comply with EN 12645.
- Aluminium body with rubber bumper.
- Linear pressure scale, dual calibrated in psi and bar, with parallax correction.
- 330mm Flexible hose fitted with 240mm, twin push-on, air connector.
- Range: 0-9.6bar(0-140psi).
- Supplied with a serial numbered calibration certificate.
- **Model No. SA37/93**
- List Price £115.95



£89.95 EXC. VAT
£107.94 INC. VAT

Professional Digital Tyre Inflator with Twin Push-On Connector

0-174psi

- Die cast aluminium body with large rubber bumper, backlit LCD digital display and battery level indicator.
- Auto power off after eight seconds and auto power on once pressure is sensed, or air inflation starts.
- 350mm Flexible hose fitted with 240mm, twin push-on, air connector.
- Supplied with a serial numbered calibration certificate.
- **Model No. SA397**
- List Price £105.95

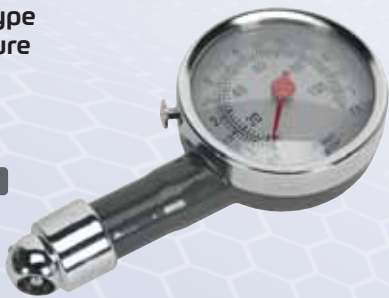


£79.95 EXC. VAT
£95.94 INC. VAT

Dial Type Pressure Gauge

0-100psi

- Pressure gauge with Ø46mm dial, reading up to 100psi(7kg/cm²).
- Metal body and offset valve connector.
- Compatible with both cars and light commercial vehicles.
- **Model No. TSTPG43**
- List Price £11.75



£8.95 EXC. VAT
£10.74 INC. VAT

Digital Tyre Pressure & Tread Depth Gauge

3-150psi

FREE

Tyre Valve Core Tool

- Model No. TST/VCT
- List Price £3.50



- Tyre pressure gauge with integral tread depth gauge and work light.
- Push-button operation with backlit LED display for tyre pressure.
- Read-out available in bar, psi, kg/cm² or kPa.
- Integral tread depth gauge reads up to 20mm.
- Auto power-off.
- **Model No. TSTPG11**
- List Price £19.95



£15.95 EXC. VAT
£19.14 INC. VAT

Tyre Valve Core Tool



- Used for removal and installation of the core from a wheel valve.
- Features easy grip handle and ideal for the busy workshop.
- Suitable for motorcycles, cars and commercial vehicles.
- **Model No. TST/VCT**
- List Price £3.50

£2.45 EXC. VAT
£2.94 INC. VAT

Temporary Puncture Repair & Service Kit



- Ideal for repairing punctures on tubed and tubeless tyres fitted to agricultural and off road vehicles.
- Can also be used as a temporary/emergency fix on cars and commercial vehicles.
- Repair strips allow tubeless tyres to be repaired without removing the tyre from the wheel.
- Contents: Temporary Tubeless Repair, Rasp, Insertion Needle, Repair Strips (x10), Tube Repair; Patches - Round Ø30mm (x3), Round Ø57mm (x3), Abrasive Scraper, Glue, Service Items; Valve Caps (x4), Valve Cores (x4), Tools; Tyre Pressure Gauge (10-50psi), Tyre Valve Service Tool.
- **Model No. TST09**
- List Price £15.95

£10.95 EXC. VAT
£13.14 INC. VAT

Puncture Repair Rasp - Fine



- Used to clean and widen the puncture before repairing a tubeless tyre.
- Suitable for car, commercial, agricultural and off road vehicle tyres.
- **Model No. TST12**
- List Price £3.45

£1.95 EXC. VAT
£2.34 INC. VAT

12V Heavy-Duty Mini Air Compressors

- A range of heavy-duty mini air compressors with delivery between 25ltr and 95ltr/min. Air output hose features quick release coupling. Suitable for inflating tyres on lawnmowers, motorcycles, cars, vans, 4x4s and commercial vehicles. Supplied in a storage bag with high pressure hose with screw-on connector and accessory kit including ball needle and adaptors for inflatables.

NEW



Model No. MAC04

Model No. MAC05

Model No. MAC06

Model No. MAC07



12V

Model No.	Hose Length	Power Cord Length	Operating Voltage	Typical Inflation Time	Maximum Current	Power Connection	Applications	List Price	Exc. VAT	Inc. VAT
MAC04	1500mm	3mtr	12V	0-30psi in 139sec (175/70/R13)	13A	Accessory Plug	Cars	£79.95	£59.95	£71.94
MAC05	4500mm	3mtr	12V	0-30psi in 104sec (175/70/R13)	20A	Battery Clamps	Lawnmowers, motorcycles, cars, vans.	£109.95	£84.95	£101.94
MAC06	7500mm	3mtr	12V	0-30psi in 60sec (175/70/R13)	33A	Battery Clamps	Cars, vans, 4x4s.	£159.95	£124.95	£149.94
MAC07	7500mm	3mtr	12V	0-30psi in 45sec (175/70/R13)	40A	Battery Clamps	Cars, vans, 4x4s commercial vehicles.	£209.95	£164.95	£197.94

12V Micro Air Compressor with Work Light

12V



- Air Delivery: 12.5ltr/min.
- Pressure gauge reads up to 5.5bar(80psi).
- 100mm Air hose and 2.8mtr power cord.
- Features a work light and integral storage for air output hose.
- 12V motor suitable for inflating tyres on motorcycles and cars.
- Supplied with vehicle accessory socket plug and battery clips.
- Model No. MS163
- List Price £21.95

£12.95 EXC. VAT
£15.54 INC. VAT

Digital Tyre Inflator with Twin Push-On Connector

5-150psi

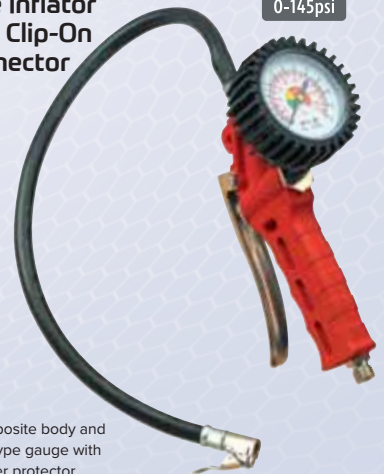


- Composite body with backlit LCD digital display and rubber protector.
- Select between bar, psi, kg/cm² or kPa.
- Maximum Air Supply: 150psi.
- Inlet Size: 1/4"BSP.
- Supplied with 200mm rubber hose and twin push-on connector.
- Powered by 2 x CR2032 batteries (supplied).
- Model No. SA393
- List Price £69.95

£54.95 EXC. VAT
£65.94 INC. VAT

Tyre Inflator with Clip-On Connector

0-145psi



- Composite body and dial type gauge with rubber protector.
- Range: 0-10bar/0-145psi.
- Fitted with 500mm rubber hose and single clip-on connector.
- Model No. SA9302
- List Price £35.45

£26.95 EXC. VAT
£32.34 INC. VAT

BODYSHOP

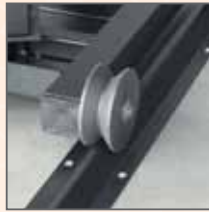
Headlamp Beam Setter with Rails

VOSA Approved



FREE
Mini Laser Level Unit

- Model No. AK9999
- List Price £24.95



- VOSA Approved for use in MOT testing stations.
- Classes: I, II, III, IV, V, VII.
- Suitable for all types of motorcycles, cars and light commercial vehicles.
- Fixed aiming screen.
- Internal analogue LUX meter for accurate light intensity measurement.
- Supplied with rails for MOT use.
- Supplied with instructions and certificate of approval.
- **Model No. HBS97**
- List Price £1144.95

£849.95 EXC. VAT

£1019.94 INC. VAT

Parking Aid Bumper Cutters



Drill 8mm pilot hole.



Insert tool & fit the back nut.



Tighten with a 13mm spanner.



Job is complete.



Model No.	Hole Diameter	List Price	Exc. VAT	Inc. VAT
VS317	Ø17mm	£19.95	£12.95	£15.54
VS318	Ø18.2mm	£22.95	£15.95	£19.14
VS319	Ø19mm	£21.95	£15.95	£19.14
VS320	Ø20mm	£23.95	£17.95	£21.54
VS321	Ø21mm	£23.95	£17.95	£21.54

- For cutting out correctly sized holes on plastic bumpers and trims ready for PDC (Park Distance Control) sensors.

Mini Laser Level Unit

- Approved for use with the Model No. HBS97 VOSA approved Headlamp Beam Setter.
- Mini tripod can be placed on bonnet or any surface on the test area.
- Laser dot indicates if beam setter is in or out of calibration.
- Also suitable for other levelling applications and features a magnet on base for attaching to ferrous surfaces.
- **Model No. AK9999**
- List Price £24.95



£18.95 EXC. VAT

£22.74 INC. VAT

Wiper Arm Removal Tool

- Cast housing with ball-end thrust bolt for the fast and safe removal of taper mounted windscreen wiper arms.
- **Model No. VS806**
- List Price £16.45



£10.95 EXC. VAT

£13.14 INC. VAT

4pc Door Pin Extractor Tool Set



- Steel pins and anvil.
- Suitable for removing doors fitted with hollow type hinge pins.
- Set includes Ø3.2, Ø4.3 and Ø5.5mm pins and hammer anvil.
- **Model No. VS801**
- List Price £25.95

£19.95 EXC. VAT

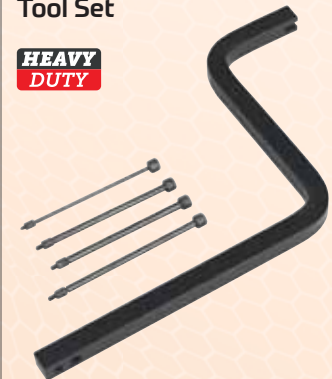
£23.94 INC. VAT

Replacement Pins

Model No.	Size	List Price	Exc. VAT	Inc. VAT
VS801/01	Ø3.2 x 105mm	£8.95	£6.95	£8.34
VS801/02	Ø4.3 x 105mm	£9.85	£7.45	£8.94
VS801/03	Ø5.5 x 105mm	£10.45	£7.95	£9.54

Heavy-Duty Door Hinge-Pin Tool Set

HEAVY DUTY



- Steel pins and anvil.
- Suitable for removing doors fitted with hollow type hinge pins.
- Cranked anvil affords better access and therefore more power for pin removal.
- Includes Ø3, Ø5 and Ø5.5mm pins and hammer anvil.
- **Model No. VS803**
- List Price £35.45

£27.95 EXC. VAT

£33.54 INC. VAT

Replacement Pins

Model No.	Size	List Price	Exc. VAT	Inc. VAT
VS803/01	Ø3 x 110mm	£9.45	£7.45	£8.94
VS803/02	Ø5 x 110mm	£10.45	£7.95	£9.54
VS803/03	Ø5 x 125mm	£10.45	£7.95	£9.54
VS803/04	Ø5.5 x 110mm	£10.45	£7.95	£9.54

12pc Trim & Upholstery Tool Set

- Manufactured from resilient nylon to minimise panel damage and marking.
- Includes eleven trim and upholstery tools, plus trim hammer in a heavy-duty storage pouch.
- **Model No. RT12KIT**
- List Price £29.95



£22.95 EXC. VAT
£27.54 INC. VAT



4pc Extra Long Pick & Hook Set

- Chrome Vanadium steel extra-long shafts with comfort grip handle.
- Length: 380mm.
- **Model No. VS5210**
- List Price £39.95



£29.95 EXC. VAT
£35.94 INC. VAT

2pc Auto Lock 45° Hose Pinch Tool Set



- Smooth rounded jaws prevent damage to internal hose reinforcement.
- Auto locking mechanism for one handed operation.
- Size/Maximum Jaw Opening: Small/29mm, Large/42mm.
- **Model No. VS0500**
- List Price £24.95

£19.95 EXC. VAT
£23.94 INC. VAT

46pc Radio Release Master Tool Set

- Comprehensive set of high quality tools for release and removal of car radios.
- Heavy-gauge materials with chrome finish ensure tools will not distort in normal use.
- Applications: Audi, Becker, Blaupunkt, BMW, Clarion, Fiat; Brava, Bravo, Marea, Grundig, JVC, Kenwood, Mercedes, Opel-Inbus, Panasonic, Pioneer, Porsche, Skoda (02on), Sony, Vauxhall/Opel, VW.
- **Model No. VS8043**
- List Price £134.95



£106.95 EXC. VAT
£128.34 INC. VAT

FREE

4pc Miniature Hook & Pick Set

- Model No. AK5214
- List Price £13.45



Washer Jet Tool Vauxhall/Opel



- Tool features four slots that locate into the washer nozzle to allow adjustment.
- Applications: Vauxhall/Opel; Astra J, Insignia, Mokka.
- **Model No. AK52207**
- List Price £9.35

£6.45 EXC. VAT
£7.74 INC. VAT

Trim Clip Removal Pliers



- Spring-loaded pliers for trim clip removal without trim damage.
- Length: 240mm.
- **Model No. RT004**
- List Price £14.95

£10.45 EXC. VAT
£12.54 INC. VAT

3pc Mini Trim Panel Removal Set



- Ideal for removing interior trim, vents and battery replacement on key fobs.
- Slim profile and manufactured from resilient nylon to minimise panel damage and marking.
- **Model No. RT014**
- List Price £11.45

£7.95 EXC. VAT
£9.54 INC. VAT

Industrial HC Sprayer with Viton® Seals

Premier



- Suitable for use with most oils, weed killers, brake cleaners and solvents.
- Safety valve with depressurization option.
- Wide filling mouth (60mm) for easy refilling and reduced spillage.
- Adjustable cone nozzle for easy and precise application.
- Working Capacity: 1ltr.
- **Model No. SCSG06**
- List Price £27.95



£21.95 EXC. VAT
£26.34 INC. VAT

Industrial Detergent Sprayer

Premier



- Suitable for use with most detergents and acids.
- Safety valve with depressurization option.
- Large 60mm opening for easy refilling and reduced spillage.
- Supplied with adjustable 'cone' and standard 'fan' nozzles.
- Working Capacity: 1ltr.
- **Model No. SCSG07**
- List Price £34.95



£27.95 EXC. VAT
£33.54 INC. VAT

Industrial Foam Sprayer

Premier



- Robust composite construction with ergonomic pump and handle for the generation of dry and long lasting foam.
- Premium quality pump made from highly resistant materials.
- Safety valve with depressurization option.
- Large 60mm opening for easy refilling and reduced spillage.
- Supplied with three mixers which vary the ratio of air to cleaning fluid in the foam generation.
- Working Capacity: 0.75ltr.
- **Model No. SCSG08**
- List Price £39.95



£29.95 EXC. VAT
£35.94 INC. VAT

SCREEN

Air Knife

- Quickly and easily cuts windscreen bonding.
- Safety throttle prevents inadvertent starting.
- Speed control by integral regulator.
- Exhaust ducted away from work and operator.
- Supplied with offset straight blade and hex key.
- Wide range of optional blades available.
- Air Pressure/Consumption: 90psi(13.2cfm).
- **Model No. WK025**
- List Price £187.95

£129.95 EXC. VAT
£155.94 INC. VAT

50mtr Windscreen Cutting Wire Nylon

FREE

Wire Grip Handles

- Model No. WK0512
- List Price £34.95

- Nylon wire offers a more gentle approach to sensitive work areas when cutting windscreen bond.
- Conventional metal cutting wire risks damage to other surfaces of the vehicle.
- Comparable in performance to metal cutting wire.
- **Model No. WK0515**
- List Price £44.95



£32.95 EXC. VAT
£39.54 INC. VAT

7pc Windscreen Removal Tool Kit

FREE

50mtr Windscreen Cutting Wire Nylon

- Model No. WK0515
- List Price £44.95

- Reinforced composite handles with heat treated chromed steel shafts.
- A complete tool kit for the removal of bonded and rubbered screens.
- Handles include hanging eye for storage.
- **Model No. WK3**
- List Price £93.95

£69.95 EXC. VAT
£83.94 INC. VAT

3pc Windscreen Handling Kit

- Two glass reinforced plastic gripper handles with four Ø115mm lever operated suction pads.
- Powerful suction will handle 60kg of windscreen.
- Supplied with ratchet tie down to fix screen in position if required.
- **Model No. WK1**
- List Price £82.95

£59.95 EXC. VAT
£71.94 INC. VAT



60kg Capacity

Folding Windscreen Stand

FREE

Windscreen Removal Tool

- Model No. WK022
- List Price £32.45

- Lightweight tubular steel design with variable height facility.
- Large rubber suckers prevent screen from moving during preparation.
- Folding frame makes this ideal for both workshop and mobile screen preparation.
- **Model No. WK4**
- List Price £124.95

£69.95 EXC. VAT
£83.94 INC. VAT

150mm Vacuum Suction Cup - Pair

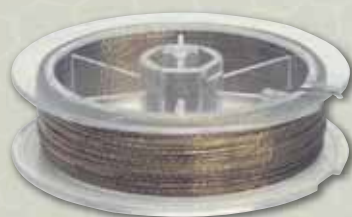


- Twin profiled rubber suction cups designed for strength and reliability.
- Ideal for windscreen installation and glass transportation.
- Capable of lifting 30kg from a horizontal position.
- **Model No. AK98943**
- List Price £98.95

£74.95 EXC. VAT
£89.94 INC. VAT

30kg Capacity

Windscreen Cutting Wire Braided



- Braided stainless steel wire suitable for use with wire grips.
- Use a sawing action to cut through the urethane bond.
- Length: 22.5mtr.
- **Model No. WK0513**
- List Price £17.45

£12.95 EXC. VAT
£15.54 INC. VAT

Windscreen Removal Tool with Quick Release Blade



- Push-button for fast blade changes and cutting depth adjustment.
- Knurled handle with heavy-duty, protected cable.
- Supplied with three shaped blades and three flat scraper blades for removing resin residue.
- Replacement Blades: WK02001 - WK02006.
- **Model No. WK022**
- List Price £32.45

£23.95 EXC. VAT
£28.74 INC. VAT

Twin Head Suction Gripper

40kg Capacity



- Two Ø120mm rubber suction grips prevent damage to surface.
- Designed for handling material such as glass, tiles, plastic, sheet metal and other non-porous materials.
- Push-lock levers for easy operation.
- Will hold up to 40kg in horizontal position.
- **Model No. AK9892**
- List Price £17.45

£12.95 EXC. VAT
£15.54 INC. VAT

COMMERCIAL VEHICLE

PAGES DEDICATED TO COMMERCIAL VEHICLE TOOLS AND ACCESSORIES.

Crankshaft Rotator Iveco

NEW



- Engine Codes: 8040-25-45, 8060-25-45, 8460, 8260, 8280, 8210.42, 190.38, 190.42.

• **Model No. CV028**
• List Price £149.95

£119.95 EXC. VAT
£143.94 INC. VAT

Crankshaft Rotator Iveco

NEW



- Engine Codes: 8360.46, F3A, F3B.

• **Model No. CV029**
• List Price £159.95

£124.95 EXC. VAT
£149.94 INC. VAT

Crankshaft Rotator Mercedes-Benz 1/2" Sq Drive

NEW



- Applications: Mercedes-Benz; OM401, OM402, OM403, OM404, OM407, OM409, OM421, OM422, OM423, OM424, OM427, OM429, OM441, OM442, OM444, OM446, OM447, OM457, OM489, OM541, OM542, MAN; D2842.

• **Model No. CV037**
• List Price £49.95

£39.95 EXC. VAT
£47.94 INC. VAT

Crankshaft Rotator - Mercedes-Benz 1/2" Sq Drive

NEW



- Applications: Mercedes; OM457, OM541, OM542, OM902, OM904, OM906, OM924, OM926, MAN; D25, D28

• **Model No. CV038**
• List Price £69.95

£54.95 EXC. VAT
£65.94 INC. VAT

Crankshaft Rotator Volvo 1/2" Sq Drive

NEW



- Applications: Volvo; D9A, D11B, D12, D16C, Renault; DX11, DX12

• **Model No. CV039**
• List Price £71.95

£56.95 EXC. VAT
£68.34 INC. VAT

Crankshaft Rotator - MAN 1/2" Sq Drive



- Applications: MAN; D20, D25, D26, D28

• **Model No. CV005**
• List Price £67.95

£39.95 EXC. VAT
£47.94 INC. VAT

Crankshaft Rotator - Scania 1/2" Sq Drive



- Chrome Vanadium steel with a phosphate finish.
- Designed to rotate the crankshaft on Scania commercial vehicles.

• **Model No. CV011**
• List Price £41.95

£29.95 EXC. VAT
£35.94 INC. VAT

Crankshaft Rotator DAF 1/2" Sq Drive



- Applications: DAF; 35-42tonne Euro 4, XF105 Euro 5.

• **Model No. CV002**
• List Price £36.45

£26.95 EXC. VAT
£32.34 INC. VAT

Crankshaft Rotator DAF



- Applications: DAF; 35-42tonne Euro 3.

• **Model No. CV026**
• List Price £64.95

£39.95 EXC. VAT
£47.94 INC. VAT

46mm Filter Wrench AdBlue® - Mercedes 3/8" Sq Drive

- Designed to remove AdBlue® filter housing cap on BlueTec engines, fitted to Mercedes commercial vehicles.

• **Model No. SX120**
• List Price £10.45

£6.95 EXC. VAT
£8.34 INC. VAT

AdBlue®



9pc Commercial Wheel Locating Guide Set

- Includes three sets of locating guides, designed to help align and mount the wheel on commercial vehicles.

- Thread Sizes: Female thread; M18 x 1.5mm, M20 x 1.5mm, M22 x 1.5mm.

• **Model No. CV211**
• List Price £109.95

£74.95 EXC. VAT
£89.94 INC. VAT



COMMERCIAL VEHICLE

Tyre Inflator with 2.75mtr Hose & Clip-On Connector

0-140psi



- Heavy-duty extruded aluminium body and zinc head.
- Linear pressure scale, dual calibrated in psi and bar.
- 2.75mtr Hose for compliance with safety regulations relating to inflation of commercial and agricultural vehicle tyres.
- Range: 0-9.5bar(0-140psi).
- **Model No. SA396**
- List Price £77.45

£54.95 EXC. VAT
£65.94 INC. VAT

7pc Cooling System Pressure Test Kit



- Cooling system pressure testing kit, designed for commercial vehicles.
- Pressure pump with gauge quickly identifies faulty gaskets, radiators, weeping pipes and other causes of coolant loss.
- **Model No. CV0011**
- List Price £233.95

£169.95 EXC. VAT
£203.94 INC. VAT

Ball Joint Splitter

- Chemically blackened forged steel body with thrust bolt.
- Maximum Opening: 65mm.
- Jaw Width: 35mm.
- Suitable for commercial applications.
- **Model No. VS3812**
- List Price £176.95



£119.95 EXC. VAT
£143.94 INC. VAT

Clutch Alignment Set

- Suitable for a wide range of commercial vehicles.
- Screw action provides fast adjustment to suit hub diameter.
- Four interchangeable spigot adaptors aid close alignment.
- Spigot Adaptors Ø: 20, 25, 27, 30mm.
- Mandrel Ø: 36-44, 44-52mm.
- **Model No. CV030**
- List Price £332.95



HEAVY DUTY

£249.95 EXC. VAT
£299.94 INC. VAT

105mm Impact Socket 1" Sq Drive

Standard



1" Sq. Drive



- Chrome Molybdenum, drop-forged, 6-point impact socket.
- Ideal for use with air impact wrenches.
- **Model No. CV105**
- List Price £176.95

£129.95 EXC. VAT
£155.94 INC. VAT

19mm Air Brake Chamber Nut Socket

1/2" Sq. Drive



- Heavy-duty, 6-point, long reach impact socket.
- Designed for the adjustment of air brake chamber spring cage bolt.
- Length: 136mm.
- **Model No. CV027**
- List Price £19.95

£12.95 EXC. VAT
£15.54 INC. VAT

3/4" Sq Drive Wheel Nut Impact Sockets

3/4" Sq. Drive



- Drop-forged Chrome Molybdenum, 6-point impact sockets.
- Hardened and tempered for added strength, with a phosphate finish for greater corrosion resistance.
- 400mm Length for easy access.

Model No.	Size	List Price	Exc. VAT	Inc. VAT
CV24	24mm	£54.95	£39.95	£47.94
CV27	27mm	£59.95	£44.95	£53.94
CV30	30mm	£59.95	£44.95	£53.94
CV32	32mm	£59.95	£44.95	£53.94
CV33	33mm	£59.95	£44.95	£53.94
CV36	36mm	£59.95	£44.95	£53.94

85mm Impact Socket 1" Sq Drive

Standard



1" Sq. Drive



- Chrome Molybdenum, drop-forged, 6-point impact socket.
- Phosphate finish for greater corrosion resistance.
- Ideal for use with air impact wrenches.
- **Model No. CV085**
- List Price £134.95

£89.95 EXC. VAT
£107.94 INC. VAT

80mm Front Hub Nut Socket Scania 3/4" Sq Drive

3/4" Sq. Drive

- Drop-forged, 8-point, steel impact socket designed for the removal of front hub nut found on Scania trucks.
- **Model No. CV001**
- List Price £104.95



£79.95 EXC. VAT
£95.94 INC. VAT

Check out the rest of our extensive Range of Vehicle Service Tools in our Catalogue, page 370.

9pc Oil Filter Cap Wrench Set 1/2" Sq Drive

- Cap type filter wrenches for commercial vehicles.
- Designed to grip like sockets, minimising the possibility of crushing filters.
- Includes strap wrench and 21mm wrench.
- Applications: Fiat, Iveco, MAN, Mercedes, Opel, Renault, Scania, Volvo, VW.
- **Model No. VS7007**
- List Price £129.95

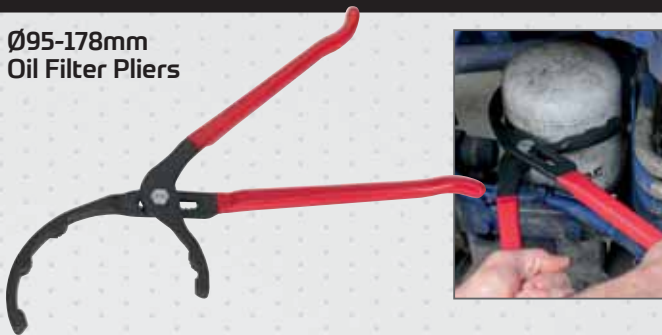


1/2"
Sq. Drive

£99.95 EXC. VAT
£119.94 INC. VAT

Ø95-178mm Oil Filter Pliers

- Large forged pliers with chemically blackened finish.
- Serrated jaws and long handles for extra grip on oily filters.
- Features a ratchet joint adjustable head.
- Essential tool for removing commercial filters.
- Length: 520mm.
- **Model No. CV6412**
- List Price £51.95



£39.95 EXC. VAT
£47.94 INC. VAT

Ø80-190mm Swivel Jaw Filter Pliers

- Jaws swivel up to 90° to give access to awkwardly positioned oil, fuel and air brake filters.
- Chemically blackened finish to prevent corrosion and non-slip grip for added comfort and control.
- **Model No. CV6417**
- List Price £67.95



£54.95 EXC. VAT
£65.94 INC. VAT

Air Brake Test Gauge Set

- Locate problems relating to commercial vehicle air brake pressure quickly and easily.
- Three gauges provide more accurate diagnosis when testing and locating faults along the braking system.
- Suitable for use at the roadside or in the workshop.
- Features three large 0-20bar(0-300psi) gauges with rubber bumper.
- Supplied with male/female couplings and three hoses in carry-case.
- Test Point Adaptor: M16 x 1.5mm.
- **Model No. VS932**
- List Price £316.95



£239.95 EXC. VAT
£287.94 INC. VAT

Torque Multiplier Wheel Nut Wrench 65:1

- Ideal for removing/installing wheel nuts on commercial and light commercial vehicles when air impact wrench is not easily accessible.
- Supplied in carry-case with two impact sockets and 210mm extension.
- **Model No. SX500**
- List Price £165.95



£79.95 EXC. VAT
£95.94 INC. VAT

Dual Wheel Separator

NEW

- Designed to remove stubborn steel wheels on commercial vehicles.
- Applicable for twin and single wheel set up.
- Blackened finish for added corrosion resistance.
- Suitable for use with air/electric impact guns.
- **Model No. CV500**
- List Price £99.95



£74.95 EXC. VAT
£89.94 INC. VAT

Radiator Coupler - Scania

- Radiator coupler for draining and filling coolant system fitted to Scania trucks and buses.
- **Model No. CV014**
- List Price £43.95



£32.95 EXC. VAT
£39.54 INC. VAT

2ltr Axle Oil Drain Pan

- Manufactured from hard wearing polypropylene material.
- Locates comfortably in wheel and ensures safe and clean collection of waste oil.
- **Model No. CV124**
- List Price £19.95



2ltr

£14.95 EXC. VAT
£17.94 INC. VAT

Air Dryer Cartridge Remover

1/2"
Sq. Drive

- Spring loaded air dryer filter wrench.
- Essential tool for removing commercial air brake filters.
- Capacity Ø: 110-140mm.
- **Model No. VS935**
- List Price £145.95



£104.95 EXC. VAT
£125.94 INC. VAT

SETTING & LOCKING

Alfa Romeo, Fiat, Lancia 1.6D, 1.9D, 2.0D, 2.4D JTD/Multijet

- Suitable for setting and locking Alfa Romeo, Fiat and Lancia complete range of 1.6D, 1.9D, 2.0D JTD and Multijet engines as well as 2.4D 10v and 20v JTD.
- Kit contains flywheel holding tool to remove/install crankshaft pulley, crankshaft locking tool and camshaft setting tools.
- **Model No. VSE5961**
- List Price £103.95



£79.95 EXC. VAT
£95.94 INC. VAT

Alfa Romeo, Fiat, Ford, Lancia, Suzuki, Vauxhall/Opel 1.3D JTD(M)/TDCi/DDiS/CDTi 16v

- Suitable for timing the camshaft and crankshaft, on chain drive 1.3 diesel engines.
- Set also includes a tensioner locking pin.
- **Model No. VSE5881A**
- List Price £70.95



£49.95 EXC. VAT
£59.94 INC. VAT

Alfa Romeo, Ford, PSA, Suzuki, Vauxhall/Opel 1.3D 16v

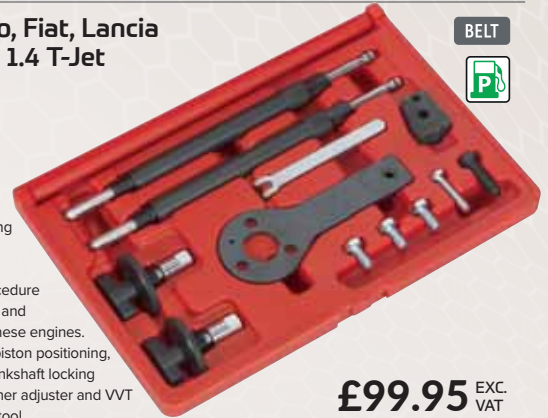
- Suitable for a range of 1.3 16v common rail diesel engines used by a number of vehicle manufacturers.
- The chain drive connects the crankshaft to the exhaust camshaft which in turn is connected by gears to the inlet camshaft.
- This overhaul kit is designed to minimise the level of disassembly, so the cylinder head/camshafts can be removed without removing the front timing cover, sprockets and timing chain.
- **Model No. VSE6191**
- List Price £207.95



£159.95 EXC. VAT
£191.94 INC. VAT

Alfa Romeo, Fiat, Lancia 1.2, 1.4 16v, 1.4 T-Jet

- Contains the timing tools required to cover the belt replacement procedure for both the early and later variants of these engines.
- The kit includes piston positioning, camshaft and crankshaft locking tools, plus tensioner adjuster and VVT sprocket locking tool.
- **Model No. VSE2511A**
- List Price £129.95



£99.95 EXC. VAT
£119.94 INC. VAT

Fiat, Ford, Lancia 1.2, 1.4 8v

- Consists of camshaft setting plate, crankshaft locking tool and belt tensioner adjuster for the 1.2 engine.
- Additional sprocket locking tool and alignment fixture for the camshaft sensor on the 1.4 VVT engine.
- **Model No. VSE5061**
- List Price £117.95



£79.95 EXC. VAT
£95.94 INC. VAT

Fiat, Iveco, Citroen, Peugeot 2.3D, 3.0D

- Suitable for setting and locking Fiat 2.3D JTD diesel engine (belt driven), Fiat 3.0D JTD diesel engine (chain driven) and Citroen/Peugeot 3.0D Hdi diesel engine (chain driven).
- Set comprises camshaft setting pins, crankshaft locking pin and sensor locking pin.
- **Model No. VSE5037**
- List Price £59.45



£47.95 EXC. VAT
£57.54 INC. VAT

BMW & Mini 1.5D, 1.6D, 2.0D, 3.0D

- Essential tools for timing the BMW, BMW Mini 1.5D, 2.0D and 3.0D chain drive diesel engines.
- Kit includes camshaft setting plate, flywheel locking pin and crankshaft turning tool. also suitable for the new generation of modular engines.
- Kit also includes HP pump sprocket retaining tool required during pump removal/replacement applications on N47/N57 engines.
- **Model No. VSE6121A**
- List Price £119.95



£99.95 EXC. VAT
£119.94 INC. VAT

BMW, BMW Mini 1.6

- Covers a wide range of BMW & Mini Chain Drive Petrol Engines.
- Includes the necessary tools for setting and locking the camshafts and crankshaft, and a tool for setting the timing chain pre-tension.
- **Model No. VSE5982**
- List Price £219.95



£169.95 EXC. VAT
£203.94 INC. VAT

Crankshaft Locking Bracket for BMW N47/N57



CHAIN



- Crankshaft locking bracket for BMW N47/N57 diesel engines.
- Essential for securing the crankshaft when replacing the timing chain.

£32.95 EXC. VAT

• Model No. **VSE6121.05**

• List Price £41.95 **£39.54** INC. VAT

BMW 1.2/1.6/2.0



CHAIN



- Fits the new generation of BMW modular petrol engines.
- Contains the tools required to set and lock the engine and for valve timing checking and adjusting.

• Model No. **VSE6122**

• List Price £499.95

£349.95 EXC. VAT

£419.94 INC. VAT

Auxiliary Belt Tensioner Spanner Set - BMW Mini N12/N14/N16/N18



CHAIN



- Two piece spanner set covering both sizes of belt tensioner fitted to a wide range of BMW Mini engines.
- Slimline design for access where space is limited.
- Sturdy handle also has a 1/2"sq drive if required.

£49.95 EXC. VAT

• Model No. **VSE6211**

• List Price £69.95 **£59.94** INC. VAT

BMW Mini/Peugeot/Citroen 1.4 & 1.6



- Suitable for timing 1.4 & 1.6 16v Valvetronic direct injection, chain drive petrol engines, fitted in BMW Mini, Peugeot and Citroen vehicles.

• Model No. **VSE6131**

• List Price £353.95

£249.95 EXC. VAT

£299.94 INC. VAT

Crankshaft Pulley Puller BMW Mini W10, W11



- Crankshaft pulley puller for use on Mini W10 and W11 chain drive petrol engines.
- Specially designed for the removal of the crankshaft pulley without causing damage to the pulley.
- Fits both types of W11 crankshaft pulley.

• Model No. **VSE1191**

• List Price £70.95

£49.95 EXC. VAT

£59.94 INC. VAT

Peugeot, Citroen, Toyota 1.0 VTi/1.2 VTi/1.2 E-VTi Pure-Tech



- Contains the essential tools required for timing belt replacement on PSA and 1.0 and 1.2 VTi Pure-Tech three cylinder belt drive petrol engines.

• Model No. **VSE5092**

• List Price £109.95

£79.95 EXC. VAT

£95.94 INC. VAT

Ford 1.0 EcoBoost Belt Drive



- Contains tools vital for setting and locking the engine and for setting the position of the variable cam timing units.

• Model No. **VS5150**

• List Price £659.95

£499.95 EXC. VAT

£599.94 INC. VAT

Ford, Volvo 1.8, 2.0, 2.3, 2.4, 2.5, 2.9



- Includes tools for timing the engine and locking the camshafts into position if variable valve timing units have to be removed.
- Camshaft tools can be used as a counter-hold during removal/installation of variable valve timing units.
- Fits a wide variety of engines used in Ford and Volvo vehicles.
- Supplied in a carry case with warning tag and instructions.

• Model No. **VS4387**

• List Price £149.95

£119.95 EXC. VAT

£143.94 INC. VAT

Ford 2.2D TDCi Duratorq



- Suitable for Ford 2.2D TDCi Duratorq chain drive diesel engines.
- Includes useful crankshaft holding wrench, and a slim line camshaft holding pin to allow the exhaust camshaft sprocket to be removed with the pin in situ.

• Model No. **VSE5863**

• List Price £55.45

£39.95 EXC. VAT

£47.94 INC. VAT

SETTING & LOCKING

BMW 2.0 N20/N26



- Covers a wide range of BMW 2.0 litre petrol engines.
- Includes the necessary tools for setting and locking the camshafts and crankshaft.
- Includes tools for setting the Vanos unit position and for setting the timing chain pre-tension.
- **Model No. VSE6188**
- List Price £359.95

£279.95 EXC. VAT
£335.94 INC. VAT

Ford/Fiat/Citroen/Peugeot 1.4D, 1.6D, 2.0D, 2.2D TDCi-HDi



- Specialised timing tool kit covering belt replacement applications on a comprehensive range of Ford/PSA 1.4, 1.6, 2.0 and 2.2Hdi/TDCi common rail diesel engines.
- Fiat 2.0D and 2.2D JTD/Multijet common rail diesel engines.
- Includes tools for adjustable crankshaft timing gear.
- **Model No. VSE5930**
- List Price £169.95

£99.95 EXC. VAT
£119.94 INC. VAT

Fiat, Iveco, Citroen, Peugeot 2.2D, 2.3D, 3.0D



- Used for timing 2.2/2.3/3.0 belt and chain drive engines, including the later chain in head versions, usually found in light commercial vehicles.
- Features a water sensor installation socket, crankshaft turning tool, timing cover centring plate, oil pump setting plate as well as camshaft and crankshaft locking tools.
- These engines are also found in the Ford Transit.
- **Model No. VSE5036**
- List Price £329.95

£229.95 EXC. VAT
£275.94 INC. VAT

Land Rover, Jaguar, Citroen, Peugeot 2.7D, 3.0D TDV6/SDV6/TDVi/Hdi



- Suitable for timing belt replacement on 2.7 and 3.0 V6 diesel engines fitted in Land Rover (TDV6), Jaguar, Citroen and Peugeot vehicles.
- Kit contains camshaft locking and checking pins, flywheel locking tools, coolant pump pin and belt retaining clip.
- **Model No. VSE5000A**
- List Price £83.45

£62.95 EXC. VAT
£75.54 INC. VAT

Citroen, Peugeot 1.8, 2.0, 2.2 16v



- Suitable for Citroen, Peugeot 1.8, 2.0, 2.2 16v petrol engines.
- Essential tools for timing belt replacement on the 1st and 2nd generation of 1.8, 2.0 and 2.2 PSA twin-cam 16v 'EW Code' engines. Covers engine variants with VVT and HPI.
- **Model No. VSE5946**
- List Price £159.95

£99.95 EXC. VAT
£119.94 INC. VAT

Balance Shaft Alignment Tool Kit BMW, BMW Mini, Citroen, Peugeot



- Essential tools for the removal/installation of the timing chain assembly on a range of BMW, Mini and PSA petrol engines.
- Kit includes balance shaft aligners, crankshaft gear holding tools and chain tensioner locking pin.
- Engine Setting/Locking Kits covering engine timing are available separately for each engine.
- **Model No. VSE6156**
- List Price £87.45

£64.95 EXC. VAT
£77.94 INC. VAT

Petrol Engine Timing Kit Citroen, Peugeot 1.8, 2.0



- Essential tools for timing belt replacement on 1.8 and 2.0 petrol 'EW code' engines.
- Features flywheel/drive plate, tensioner pulley adjuster and tensioner locking tool.
- Many of the timing pins are also suitable for other petrol/diesel PSA engines.
- Supplied in carry-case.
- **Model No. VSE5936**
- List Price £135.45

£89.95 EXC. VAT
£107.94 INC. VAT

Citroen, Fiat, Iveco, Peugeot, Renault, Vauxhall/Opel 2.5D, 2.8D



- Includes locking pins for 2.5D and 2.8D diesels and later 2.8DTi/JTD/HDi variants of this popular van engine.
- Also includes a tensioner retaining tool which retains the tension plunger in a retracted position during the belt change.
- **Model No. VSE5976**
- List Price £29.45

£18.95 EXC. VAT
£22.74 INC. VAT

Ford, Mazda, Volvo 1.25, 1.4, 1.6, 1.8, 2.0, 2.3 16v Duratec

- Covers the complete range of Ford Duratec engines 1.25 through to 2.3 16v in both belt and chain drive variants.
- Suitable for engines in Mazda and Volvo vehicles.
- **Model No. VSE5515**
- List Price £26.95



£17.95 EXC. VAT
£21.54 INC. VAT



Crankshaft Holding Tool

- Used to counter-hold the crankshaft pulley to release and tighten the centre bolt.
- Suitable for a wide range of Ford and Volvo models and engine sizes.
- **Model No. VSE6140**
- List Price £46.45



£34.95 EXC. VAT
£41.94 INC. VAT



Fuel Pump Sprocket Puller - Ford Transit 2.2 Puma Diesel

- From 2011 the fuel pump sprockets no longer have threaded holes fitted in them, this tool is a great time saver as it allows the fuel pump to be removed without disturbing the timing chain.
- **Model No. VSE5590**
- List Price £52.95



£39.95 EXC. VAT
£47.94 INC. VAT



Citroen, Peugeot, Ford, Volvo 1.4D/1.5D/1.6D HDi/TDCi

- Set of locking pins for timing belt replacement on Ford 1.5, PSA 1.4 (DV4) and 1.6 (DV6) diesel engines fitted in Citroen, Peugeot, Ford, Mazda, Suzuki, Toyota and Volvo models.
- These timing pins lock and hold the camshaft, crankshaft, flywheel and HP pump in the timed position.
- **Model No. VSE5846**
- List Price £17.45



£12.95 EXC. VAT
£15.54 INC. VAT



Ford, PSA 1.4, 1.6, 1.8, 2.0 TDCi/HDi

- Comprehensive kit covers Ford, PSA 1.4, 1.6, 1.8, 2.0 TDCi/HDi belt drive diesel engines.
- Includes camshaft, crankshaft and high pressure pump locking tools plus camshaft sprocket removal tool.
- Kit includes warning tag.
- **Model No. VSE5941**
- List Price £155.95



£109.95 EXC. VAT
£131.94 INC. VAT



Balance Shaft Locking Kit Jaguar/Land Rover/Citroen/Ford 2.2



- Contains the essential tools for setting and locking the balance shafts on 2.2 belt drive diesel engines fitted in Jaguar, Land Rover, Ford and Citroen vehicles.
- **Model No. VSE3029**
- List Price £89.95



£69.95 EXC. VAT
£83.94 INC. VAT



Ford, Jaguar, Land Rover, Volvo 2.0D, 2.2D/TDCi/Td4

- Contains flywheel locking tools and camshaft pin for engine timing and timing belt replacement on Land Rover 2.2TD4, Volvo 2.0D and Ford 2.0/2.2TDCi models.
- **Model No. VSE6126**
- List Price £35.45



£26.95 EXC. VAT
£32.34 INC. VAT



Crankshaft Pulley Holder - Honda

- Used to counter hold the crankshaft pulley when loosening/tightening the pulley bolt.
- Short head design for use in confined spaces and on vehicles with a single crankshaft pulley.
- For use with 1/2" Sq Drive breaker bar.
- Head Diameter: 50mm.
- **Model No. VSE5048S**
- List Price £36.95



£29.95 EXC. VAT
£35.94 INC. VAT



Fuel Pump Holding Tool Jaguar, Land Rover 3.0D TDV6

- Used to position and lock the high pressure fuel pump into its timed position when changing the fuel pump drive belt.
- **Model No. VSE5312**
- List Price £41.95



£29.95 EXC. VAT
£35.94 INC. VAT



Land Rover 2.5D/TD5

- Set comprises flywheel locking pin (threaded) and camshaft locking pin to cover engine timing on the Land Rover TD5 engines in Defender and Discovery models.
- **Model No. VSE5986**
- List Price £14.95



£11.95 EXC. VAT
£14.34 INC. VAT



SETTING & LOCKING

BMW 2.0D, 2.5D, 3.0D M47/M57,
Land Rover 2.0D, 3.0D TD4/TD6,
MG/Rover 2.0D,
Vauxhall/Opel 2.5D

CHAIN



- Camshaft setting and flywheel locking tools to cover BMW M47/TU/T2 and M57/TU/T2 diesel engines used in BMW, Land Rover, MG/Rover and Vauxhall/Opel models.
- **Model No. VSE5666**
- List Price £117.95

£89.95 EXC. VAT

£107.94 INC. VAT

Fuel Pump Sprocket Remover
Hyundai, Kia 1.1, 1.4, 1.6, 1.7

CHAIN



- Suitable for Hyundai/Kia 1.1, 1.4, 1.6 and 1.7 chain drive diesel engines.
- Essential tool for removing the high pressure fuel pump sprocket.
- **Model No. VSE5931**
- List Price £98.95

£69.95 EXC. VAT

£83.94 INC. VAT

High Pressure Fuel Pump Sprocket Remover - Hyundai/Kia 2.5

- Specialised puller essential for the removal of the high pressure fuel pump sprocket.
- **Model No. VSE5932**
- List Price £99.95



£69.95 EXC. VAT

£83.94 INC. VAT



CHAIN



Range Rover 3.6D

CHAIN



- Setting and Locking kit for Range Rover L320 and L322 V8 3.6D.
- Kit includes a flywheel locking plate and camshaft rotating pin.
- **Model No. VSE5010**
- List Price £369.95



£264.95 EXC. VAT

£317.94 INC. VAT

Renault, Mercedes, Dacia 1.5D

- Essential tools for timing belt replacement on Renault, Mercedes and Dacia 1.5D dCi diesel engines.
- Supplied with a warning tag and instructions.
- **Model No. VSE4810**
- List Price £24.95



£16.95 EXC. VAT

£20.34 INC. VAT



BELT

Timing Chain Tool Kit

CHAIN



- Enables timing chain replacement with the minimum of engine dismantling.
- Suitable for Mercedes chain drive engines, and some Chrysler & Jeep applications.
- The kit includes tools to split the chain and also the temporary chain links required to fit the new chain.
- **Model No. VSE4802**
- List Price £299.95

£239.95 EXC. VAT

£287.94 INC. VAT

Renault, Nissan, Vauxhall/Opel
2.0, 2.3 dCi, CDTi-M9R/M9T

CHAIN



- Suitable for setting and locking 2.0 & 2.3dCi/CDTi chain drive engines fitted in Renault, Nissan and Vauxhall/Opel models with most M9R/M9T engine codes.
- Includes a crankshaft holding tool.
- **Model No. VSE5086**
- List Price £144.95

£114.95 EXC. VAT

£137.94 INC. VAT

Renault 1.4, 1.6, 1.8, 2.0 16v K4J,
K4M, F4P, F4R(t)

BELT



- Suitable for timing belt replacement on 1.4, 1.6, 1.8 and 2.0 engines fitted in Renault vehicles.
- These engines will require the use of associated tool, Model No. VSE5033, VSE5034 or VSE5734 Camshaft Sprocket Holding Tool, to loosen the camshaft sprocket bolts.
- Kit features camshaft setting plate which avoids the camshaft position sensor on later 1.4 and 1.6 engines.
- **Model No. VSE5071A**
- List Price £88.45

£64.95 EXC. VAT

£77.94 INC. VAT

**Renault, Nissan 1.5dCi,
Suzuki DDiS, Dacia dCi**

BELT



- Essential Tools for timing belt replacement on Renault/Nissan 1.5D dCi diesels.
- Covers engine codes K9K.
- These engines are also fitted in Suzuki and Dacia models.

• **Model No. VSE1901A**
£16.95 EXC. VAT
 • List Price **£23.95**
£20.34 INC. VAT

**1/2" Sq Drive Crankshaft
Turning Socket - Subaru/
Saab 2.0/2.5**

BELT

1/2" Sq. Drive



- Crankshaft turning socket fits over the end of the crankshaft to enable the engine to be turned with any 1/2" Sq drive breaker bar or ratchet wrench.

• **Model No. VSE5980**
£23.95 EXC. VAT
 • List Price **£29.95**
£28.74 INC. VAT

**Vauxhall/Opel,
Chevrolet,
Saab - EcoTec
1.4, 1.6, 1.8 16v**

BELT



- Set includes camshaft locking tool, designed to fit between camshaft sprockets to retain timing position on 1.4, 1.6 and later 1.8 16v EcoTec engines.
- Also includes flywheel holding tool (for crankshaft pulley removal) and auxiliary belt tensioner locking pin, which are required during timing belt replacement on these engines.

• **Model No. VSE5005**
 • List Price **£31.45**
£19.95 EXC. VAT
£23.94 INC. VAT

**Vauxhall/Opel, Chevrolet,
Saab, Alfa Romeo, Fiat
1.4, 1.6, 1.8
Twinport**

BELT



- Comprises camshaft setting tools and belt tensioner locking pins.
- Suitable for timing applications on all 1.4, 1.6 and 1.8 Twinport petrol engines with belt drive.

• **Model No. VSE5006**
 • List Price **£98.95**

£69.95 EXC. VAT
£83.94 INC. VAT

**Vauxhall/Opel, Chevrolet
1.0, 1.2, 1.4 & 1.6**

CHAIN



- Covers a wide range of Vauxhall/ Opel and Chevrolet petrol engines.
- Includes the necessary tools for setting and locking the camshafts and crankshaft.
- Also includes the pins for locking the timing chain tensioner.

• **Model No. VSE5007**
 • List Price **£169.95**

£119.95 EXC. VAT
£143.94 INC. VAT

**Locking Kit - Vauxhall/Opel, Chevrolet, Saab EcoTec
1.4, 1.6, 1.8, 2.0, 2.2 16v**

BELT



- Designed to fit between camshaft sprockets to maintain camshaft timing position.
- Essential tools for timing belt replacement applications.
- Supplied as a pair.

• **Model No. VS1700**
 • List Price **£23.95**

£16.95 EXC. VAT
£20.34 INC. VAT

**Vauxhall/Opel, Suzuki
1.0, 1.2, 1.4**

CHAIN



- Includes locking tools for 1.0, 1.2, 1.4 EcoTec/ecoFLEX (codes X and Z) chain engines.
- Also includes the timing disc position gauge for the timing sensor on the inlet camshaft.

• **Model No. VSE243**
 • List Price **£65.95**

£49.95 EXC. VAT
£59.94 INC. VAT

Crank Pulley Wrench - Subaru, Toyota

BELT



- Crank pulley wrench for the high torque required for loosening and tightening of the crankshaft pulley fixings.
- Compact flat handle design allows access to confined areas.
- Single wrench suitable for vehicle applications of two OEM wrenches.

• **Model No. VSE5977**
 • List Price **£89.95**

£69.95 EXC. VAT
£83.94 INC. VAT

**Locking Kit - Alfa Romeo, Chevrolet, Fiat, Saab,
Vauxhall/Opel - 1.4, 1.6, 1.8 16v**

BELT



- Comprises camshaft setting tool and belt tensioner locking pin.
- Suitable for engine timing applications on all 1.4, 1.6 and 1.8 Twinport engines with belt drive.

• **Model No. VSE131**
 • List Price **£33.45**

£24.95 EXC. VAT
£29.94 INC. VAT

Camshaft Locking Tool - Subaru, Saab



BELT



- Useful time saving tool designed to assist with the operation when replacing the timing belt on Subaru 2.0 and 2.5 litre engines and Saab 9-2X Aero DOHC Turbo Engines.
- For use on hex key camshaft sprocket fixing bolts.

• **Model No. VSE5055**
 • List Price **£35.45**

£24.95 EXC. VAT
£29.94 INC. VAT

SETTING & LOCKING

Audi 2.5 TFSI



- Suitable for Audi five cylinder 2.5 chain drive petrol engines.
- Contains the essential tools required to set and lock the engine.
- Includes a camshaft adjuster turning socket and a crankshaft turning socket.
- **Model No. VSE5025**
- List Price £189.95



CHAIN

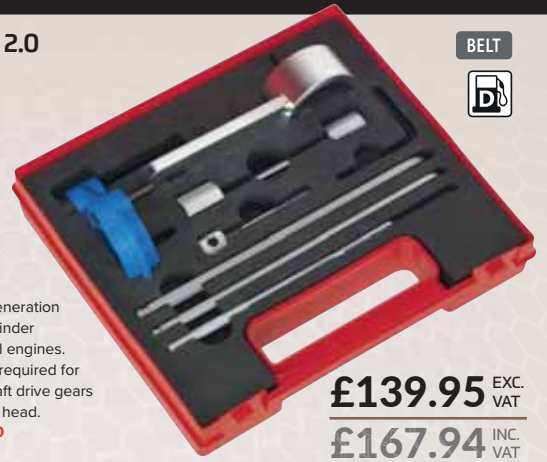


£149.95 EXC. VAT
£179.94 INC. VAT

VAG 1.4, 1.6, 2.0



- Covers the new generation three- and four-cylinder common rail diesel engines.
- Includes the tools required for setting the camshaft drive gears within the cylinder head.
- **Model No. VS5170**
- List Price £187.95



BELT



£139.95 EXC. VAT
£167.94 INC. VAT

VAG 1.4, 1.6, 2.0 Common Rail

- Covers the new generation three- and four-cylinder common rail diesel engines.
- Includes the tools required for setting the camshaft drive gears within the cylinder head.
- **Model No. VSE6281**
- List Price £174.95



BELT



£129.95 EXC. VAT
£155.94 INC. VAT

VAG 1.4, 1.6, 2.0 Common Rail

- Covers the new generation three- and four-cylinder common rail diesel engines.
- Includes the tools required for setting the camshaft drive gears within the cylinder head.
- **Model No. VSE2090**
- List Price £79.95



BELT



£59.95 EXC. VAT
£71.94 INC. VAT

Audi 4.2 V8



- Kit includes camshaft setting plates, camshaft positioning sensor alignment tools and crankshaft locking pin.
- **Model No. VSE7407**
- List Price £159.95



CHAIN



£119.95 EXC. VAT
£143.94 INC. VAT

Crankshaft Turning Socket - VAG

- Specially designed socket for turning the crankshaft on a wide range of six- and eight-cylinder VAG engines.
- **Model No. VSE5058**
- List Price £12.95



CHAIN



£9.95 EXC. VAT
£11.94 INC. VAT



Camshaft Control Valve Removal Tools - VAG 1.8 and 2.0 TSi/TFSI



- Contains the tools required for removal and installation of the central control valve for camshaft adjustment.
- Suitable for use on 1.8 and 2.0 TSi/TFSI four cylinder chain drive petrol engines fitted across a wide range of VAG vehicles.
- **Model No. VSE2359**
- List Price £46.95

CHAIN



£32.95 EXC. VAT
£39.54 INC. VAT

Inlet Camshaft Turning Tool - VAG 1.8/2.0 TFSI Generation III Engines



- Specialised socket for turning the inlet camshaft during engine timing chain repair operations.
- Suitable for VAG 1.8, 2.0 TFSI Generation III chain drive petrol engines.
- **Model No. VSE6680**
- List Price £27.95

CHAIN



£19.95 EXC. VAT
£23.94 INC. VAT

VAG 1.8 & 2.0



- Setting and locking kit that fits a wide range of VAG group 1.8 & 2.0 petrol engines.
- Includes essential tooling required to remove the camshaft adjuster valves, and a useful crankshaft pulley holding tool.
- Some applications and repair operations will require additional tooling.
- **Model No. VSE6236**
- List Price £279.95



CHAIN



£189.95 EXC. VAT
£227.94 INC. VAT

Water Pump Reaction Wrench - VAG

- Water pump reaction wrench suitable for VAG vehicles with three bolt water pump pulleys.
- Holds the pulley to assist with the removal of the fixing bolts.
- Handle includes 1/2" Sq drive to enable an extension to be fitted if required.
- **Model No. VSE4977**
- List Price £19.95



BELT



£15.95 EXC. VAT
£19.14 INC. VAT

Universal Pulley & Fan Clutch Holder Set

- Designed to remove and install fan clutch and rotate or restrain the camshaft pulley.
- Adjustable jaw spread and interchangeable pins.
- **Model No. VS4844**
- List Price £72.95



£54.95 EXC. VAT
£65.94 INC. VAT

Universal Twin Camshaft Holding Tool

- Designed to hold twin camshafts in their timed position by using sockets to locate onto the central camshaft fixings.
- Tool will hold the camshafts in position when replacing the timing belt or chain.
- Choice of adaptors gives a huge range of application coverage on many twin cam engines.
- **Model No. VSE889**
- List Price £69.95



£44.95 EXC. VAT
£53.94 INC. VAT



Belt Tensioning Gauge

- Ensures accurate measurement of belt tension.
- Clear increment and dual scale for ease of use.
- Suitable for belts of varying thickness.
- Tension chart guide is included.
- **Model No. VSE110**
- List Price £69.95



£49.95 EXC. VAT
£59.94 INC. VAT

BELT

Belt Holder

- Belt holder with magnetic base.
- Useful time saving tool for holding any type of belt onto a pulley during replacement of the belt.
- **Model No. VSE880**
- List Price £8.95



BELT

£6.95 EXC. VAT
£8.34 INC. VAT

Belt Tension Tester Universal

- Ensures accurate and consistent assessment of timing belt tension.
- Simple to use, full instructions included.
- Suitable for all common types of timing belt.
- Set includes belt gauge, tension gauge, tension buttons and calibration strip.
- **Model No. VSE120**
- List Price £159.95



BELT

£119.95 EXC. VAT
£143.94 INC. VAT

Ratchet Action Auxiliary Belt Tension Tool

- Tool kit for releasing the tensioner load from auxiliary belts when removing/installing the belt.
- Ratchet wrench with multi-positional extension handle for improved access to tensioner.
- Kit includes sockets, hex bits and square drives.
- Contents: Ratchet Wrench, Multi-positional Extension Handle, Sockets: 8, 12, 13, 14, 17, 18, 24mm, 5/8", Hex Bits: 6, 8, 10mm, Square Drive Adaptors: 3/8", 1/2".
- **Model No. VS784**
- List Price £83.45



BELT

£67.95 EXC. VAT
£81.54 INC. VAT

550mm 1/2" Sq Drive Impact Bar

1/2" Sq. Drive



- Specially designed for use where nuts/bolts are not easily accessible for air impact tools, or air is not available.
- Ideal tool for loosening crankshaft pulley bolts.
- Simply fit the required impact socket, keeping the arm at a right angle to the shaft for maximum torque, and strike the top of the tool with a hammer to shock the nut or bolt loose.
- Features hand guard for extra safety.
- **Model No. VS786**
- List Price £46.95

£34.95 EXC. VAT
£41.94 INC. VAT

Flywheel Locking Tool

BELT



- It is often necessary to remove the crankshaft pulley when replacing the timing belt.
- The pulley retaining bolt is fitted with a high torque loading and the flywheel must be securely locked during installation/removal.
- Jamming tools into the teeth of the flywheel will cause serious damage to both teeth and housing.
- This locking tool securely locates in the starter ring gear teeth and fixes to the housing using manufacturer's guidelines.
- Applications: Citroen, Fiat, FSO, LDV, Peugeot.
- Suitable for petrol and diesel engines.
- **Model No. VSE2394**
- List Price £14.45

£9.95 EXC. VAT
£11.94 INC. VAT

Flywheel Locking Tool - Renault Petrol & Diesel



- It is often necessary to remove the crankshaft pulley when replacing the timing belt.
- The pulley retaining bolt is fitted with a high torque loading and the flywheel must be securely locked during removal/installation.
- This locking tool securely locates in the teeth of the flywheel and fixes to the bell housing using manufacturer's guidelines.
- **Model No. VSE2395**
- List Price £22.45

£13.95 EXC. VAT
£16.74 INC. VAT

STOCK CLEARANCE

ONLY WHILE STOCKS LAST!

23pc Alternator Freewheel Pulley Removal Set



- A comprehensive set for easy removal of freewheel alternator pulley, either on or off the vehicle.
- Allows alternator shaft to be held while pulley retainer is removed.
- **Model No. SX403**
- List Price £109.95

£36.95 EXC. VAT
£44.34 INC. VAT

4pc Fuel/Brake Pipe Clamp Set

- Set of four spring clamps ideal for stopping the flow of fuel or brake fluid after pipework has been disconnected.
- Suitable for banjo fittings and three different sizes of pipe.
- Pipe Sizes: 8mm (5/16"), 9.5mm (3/8"), 12.9mm (1/2").
- **Model No. VS0556**
- List Price £19.95



£9.95 EXC. VAT
£11.94 INC. VAT

Ø63-120mm Oil Filter Claw Wrench 3/8" & 1/2" Sq Drive

Premier

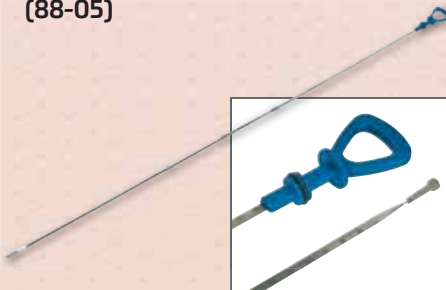
- Satin finish steel construction with 3/8" & 1/2" Sq drive.
- Also suitable for use with a 21mm (13/16") spanner.
- Claws grip filter tighter as more torque is applied.
- Claw Length: 55mm.
- **Model No. AK6431**
- List Price £25.45



£8.95 EXC. VAT
£10.74 INC. VAT

3/8" & 1/2" Sq. Drive

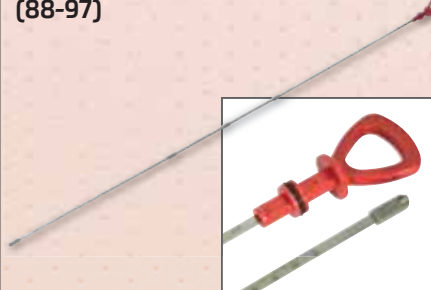
Mercedes Engine Dipstick (88-05)



- Engine dipstick for checking the oil level.
- Compatible with a large selection of 1988 to 2005 engines in the Mercedes range.
- Engine Codes: 103, 104, 111, 112, 113, 119, 120, 137, 271, 272, 604, 605, 606, 611, 612, 613, 628, 642, 646, 647, 648.
- Length: 930mm.
- **Model No. VS930ED**
- List Price £42.45

£15.95 EXC. VAT
£19.14 INC. VAT

Mercedes Engine Dipstick (88-97)



- Engine dipsticks for checking the oil level.
- Compatible with a large selection of 1988 to 1997 engines in the Mercedes range.
- Engine Codes: 103, 104, 111, 119, 120, 137, 604, 605, 606, 611, 612, 613, 628, 642, 647, 648.
- Length: 930mm.
- **Model No. VS9301ED**
- List Price £33.95

£15.95 EXC. VAT
£19.14 INC. VAT

Mercedes Transmission Dipstick (96-06)



- Transmission dipstick for checking the fluid level on Mercedes 722.7, 722.8 and 716.5 automatic transmissions, fitted to most Mercedes vehicles from 1996 to 2006.
- Length: 920mm.
- Made from spring steel with plastic measuring tip for accurately checking the fluid level.
- **Model No. VS920TD**
- List Price £22.95

£5.95 EXC. VAT
£7.14 INC. VAT

Twin-Leg Reversible Pullers

HEAVY DUTY



Model No. SGP28

- Chrome Vanadium steel, heat treated for added strength and chrome plated to resist corrosion.
- Reversible legs.

Model No.	Size/Spread	Reach	List Price	Exc. VAT	Inc. VAT
SGP24	115mm	100mm	£19.95	£4.95	£5.94
SGP26	175mm	150mm	£37.95	£6.95	£8.34
SGP28	260mm	200mm	£59.95	£11.95	£14.34

Twin/Triple Leg Pullers - Quick Release

HEAVY DUTY



Model No. VS88

- High quality Chrome Molybdenum steel with sand blasted chrome finish.
- Heavy-duty leg bar type pullers, suitable for easy removal of pulleys, bearings and gears.
- Features quick release levers on all legs, allowing for quick and simple adjustment.
- Force screw features a pointed swivel tip to aid alignment and reduce slippage.



Model No. VS93

Model No.	Type	Size/Spread	Reach	List Price	Exc. VAT	Inc. VAT
VS84	Twin	90mm	100mm	£69.95	£26.95	£32.34
VS85	Twin	130mm	100mm	£74.95	£29.95	£35.94
VS86	Twin	160mm	150mm	£109.95	£44.95	£53.94
VS87	Twin	200mm	150mm	£119.95	£49.95	£59.94
VS88	Twin	250mm	200mm	£164.95	£69.95	£83.94
VS89	Triple	90mm	100mm	£99.95	£37.95	£45.54
VS90	Triple	130mm	100mm	£104.95	£39.95	£47.94
VS91	Triple	160mm	150mm	£134.95	£54.95	£65.94
VS92	Triple	200mm	150mm	£144.95	£59.95	£71.94
VS93	Triple	250mm	200mm	£199.95	£84.95	£101.94

Fast Action Twin/Triple Leg Reversible Puller 110mm

- Drop-forged, Chrome Molybdenum steel reversible legs and body.
- Suitable for pulling hubs, flanges, gears and bearings.
- Features ratcheting mechanism to locate and hold the legs in the correct position, making the tool faster and easier to operate than conventional pullers.

- Model No. VS80
- List Price £54.45



£22.95 EXC. VAT

£27.54 INC. VAT

Seat Cover



- Heavy-duty water resistant seat cover.
- Hook-and-loop straps fasten together behind headrest to secure in place.
- Ideal for protection against dirty overalls.
- Model No. CSC1
- List Price £12.45



HEAVY DUTY



£8.95 EXC. VAT

£10.74 INC. VAT

Hydraulic Bearing Separator/ Puller

10tonne
Hydraulic



- Operated with supplied 10tonne hydraulic ram or manual force screw.
- Puller Leg Reach (Size/Spread): 160 (190)mm.
- Separator Capacity: 30-84mm.
- Manual Thrust Screw Length: 210mm.
- Selection of extension rods (x3): 15, 65, 185, 340mm.
- Model No. PS9821
- List Price £289.95

£169.95 EXC. VAT

£203.94 INC. VAT

62mm Front Wheel Bearing GEN2 Removal/Installation Kit

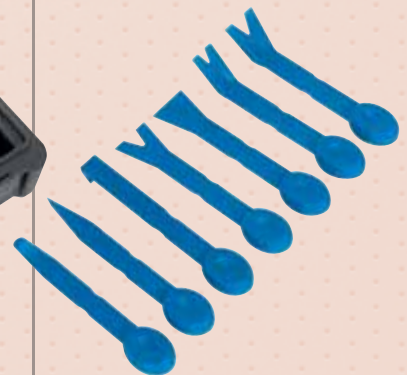


- Designed for the second generation of wheel bearing found on modern vehicles.
- They are also pre-loaded with a retaining ring that secures the bearing into the housing.
- Applications:
Audi; A2 1.2TDi PD (01-05), VW; Lupo 3L 1.2TDi PD (01-06).
- Model No. VS7027
- List Price £279.95

£99.95 EXC. VAT

£119.94 INC. VAT

7pc Mini Automotive Trim & Upholstery Tool Set



- Tools specially designed to remove small items of trim.
- Manufactured from nylon to minimise damage.
- Compact design allows use even where space is limited or where trim is most fragile.
- Model No. RT7KIT
- List Price £26.95

£6.95 EXC. VAT

£8.34 INC. VAT

STOCK CLEARANCE

Rear Subframe Bush Tool - BMW E39 5 Series



- Suitable for the removal/installation of the rear axle carrier bushes.
- Can be used in situ without removing the rear subframe assembly from the vehicle.
- Applications: BMW; E39 5 Series Saloon (95-05).
- **Model No. VSE5580**
- List Price £239.95

£99.95 EXC. VAT
£119.94 INC. VAT

Front Lower Control Arm Bush Tool BMW 3 Series



- Suitable for the removal/installation of the front lower control arm bush on BMW 3 Series.
- When installing the new bush, they must be held compressed while being pressed into the suspension control arm which this tool is designed for.
- Applications: BMW 330xi; E90, E91, E92 3 Series (2005-2013).
- **Model No. VSE5586**
- List Price £129.95

£54.95 EXC. VAT
£65.94 INC. VAT

66mm Front Wheel Bearing GEN2 Removal/Installation Kit



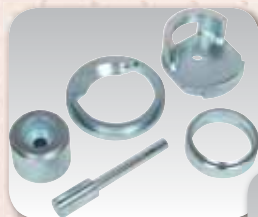
- Designed for the second generation of wheel bearing found on modern vehicles.
- They are also pre-loaded with a retaining ring that secures the bearing into the housing.
- Applications: Skoda; Fabia (00-12), VW; Fox (05-10), Polo (02-09)
- **Model No. VS7028**
- List Price £279.95

£99.95 EXC. VAT
£119.94 INC. VAT

Bush & Joint Removal Adaptor Sets

- For use in conjunction with Sealey Hydraulic Ball Joint Installer/Removal Kit (Model No. VSE127H - see page 23 of this promotion).
- Each set contains adaptors for bush/joint removal on various vehicles.

Model No.	Applications	List Price	Exc. VAT	Inc. VAT
VSE127H01	VW; Golf MkIII (92-00) Rear Axle	£54.95	£26.95	£32.34
VSE127H02	Renault; Laguna (93-00) Front Ball Joint	£47.95	£22.95	£27.54
VSE127H03	Audi; A2, A3, VW; Golf IV (97-03) Rear Axle	£119.95	£54.95	£65.94
VSE127H04	BMW; E30 (83-94) Rear Bush	£34.95	£14.95	£17.94



Model No. VSE127H01



Model No. VSE127H03



Model No. VSE127H02



Model No. VSE127H04

Adjustable Wheel Bearing Lock Nut Tool



- Made from high quality Chrome Vanadium steel for added strength and durability.
- Universal fitting, suitable for removing adjustable wheel bearing lock nuts found on commercial vehicles.
- Use with 1/2" or 3/4" Sq Drive breaker bar.
- Pin Diameter Ø: 6, 8, 10mm.
- **Model No. VS954**
- List Price £74.95

£39.95 EXC. VAT
£47.94 INC. VAT

6pc 3/4" Sq Drive Impact Spline Socket Bit Set

HEAVY DUTY



- Heavy-duty Chrome Molybdenum impact spline socket bits suitable for use with 3/4" Sq Drive impact tool.
- Suitable for commercial vehicle applications.
- Contents: 3/4" Sq Drive Socket; 22mm, Spline Bits; M12, M14, M16, M18.
- **Model No. SX090**
- List Price £67.95

£39.95 EXC. VAT
£47.94 INC. VAT

Tyre Marking Crayon Holder



- Suitable for both round and hexagonal crayons.
- Features a locking slide adjustment depending on crayon wear.
- Max. Internal Diameter/Length: Ø14/143mm.
- Compatibility: TST13, TST14.
- **Model No. TST17**
- List Price £6.45

£2.95 EXC. VAT
£3.54 INC. VAT

56mm Clamp Nut Socket 3/4" Sq Drive

3/4" Sq. Drive



- Chrome Molybdenum, drop-forged, high impact socket, designed for the removal of axle clamp nut commonly found on MAN, DAF and Mercedes vehicles.
- **Model No. CV017**
- List Price £77.95

£39.95 EXC. VAT
£47.94 INC. VAT

60mm Clamp Nut Socket 3/4" Sq Drive

3/4" Sq. Drive



- Chrome Molybdenum, drop-forged, high impact socket, designed for the removal of axle clamp nuts commonly found on MAN, DAF and Mercedes vehicles.
- **Model No. CV018**
- List Price £77.95

£39.95 EXC. VAT
£47.94 INC. VAT

VTG6A MOT Certificate/Licence Frame



- MOT Certificate and disc holder for commercial.
- Frame Dimensions: 183 x 203mm.
- **Model No. CV034**
- List Price £9.95

£5.95 EXC. VAT
£7.14 INC. VAT

Petrol Engine Compression Test Kit



- Scale reads from 0-25bar(0-350psi).
- Suitable for petrol engines with 10, 12, 14 or 18mm spark plugs.
- Also includes 445mm hose and quick release connector for air input.
- **Model No. VS200**
- List Price £158.95



£84.95 EXC. VAT
£101.94 INC. VAT

Compression Tester Push-On Type with Angled Stem



- Fitted with Ø63mm gauge reading up to 300psi and 20kg/cm².
- Cone type spark plug connection on angled rigid 130mm extension aids quick installation on most petrol engines, including motorcycle and small portable power units.
- **Model No. CT953**
- List Price £21.95

£6.95 EXC. VAT
£8.34 INC. VAT

Compression Tester Push-On Type with Straight Stem



- Fitted with Ø63mm gauge reading up to 300psi and 20kg/cm².
- Cone type spark plug connection on straight rigid 130mm extension aids quick installation on most petrol engines, including motorcycle and small portable power units.
- **Model No. CT954**
- List Price £21.95

£6.95 EXC. VAT
£8.34 INC. VAT

Injector Adaptor Set Delphi & Denso



- Used in conjunction with Model No. VS2046 and other similar kits, to measure the fuel flow on diesel vehicles.
- Suitable for use with Delphi & Denso fuel injectors.
- **Model No. VS2047**
- List Price £54.95

£14.95 EXC. VAT
£17.94 INC. VAT

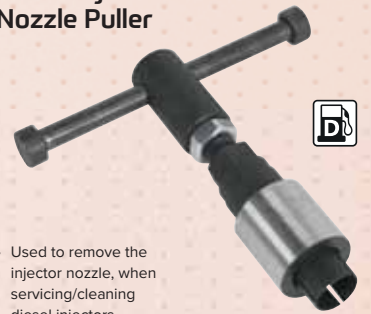
4pc Injector Cap Removal Socket Set



- Removes the top cap and connectors on diesel fuel injectors prior to injector removal.
- Deep socket and wide cut-out configuration are essential for this application.
- Fits the most popular injectors found in modern vehicles.
- **Model No. VS2060**
- List Price £54.95

£29.95 EXC. VAT
£35.94 INC. VAT

Diesel Injector Nozzle Puller



- Used to remove the injector nozzle, when servicing/cleaning diesel injectors.
- Compatible with Bosch, Delphi, Denso and Siemens injectors.
- **Model No. VS2063**
- List Price £24.95

£14.95 EXC. VAT
£17.94 INC. VAT

Spark Plug Boot Puller Tongs



- Fully insulated tongs designed for removal/installation of spark plug boot.
- Reduces risk of electric shock or burns when checking installation of plug leads whilst running engine.
- **Model No. AK865**
- List Price £3.95

£1.45 EXC. VAT
£1.74 INC. VAT

3/4" Sq Drive Clip-On Angular Torque Gauge



- Steel dial and rotating index line allows operator to accurately tighten cylinder head bolts and other fixings to manufacturer's exact specifications.
- **Model No. VS430**
- List Price £34.95

£19.95 EXC. VAT
£23.94 INC. VAT

Air Conditioning Clutch Hub Puller/Installer



- Designed to fit Harrison, Nippondenso, Sanden, Tecumseh, York and Zexel, but is also suitable for other compressor manufacturers.
- **Model No. VS604**
- List Price £99.95

£36.95 EXC. VAT
£44.34 INC. VAT

109mm/8 Flute Fuel Filter Key



- For removing and refitting the fuel filter cap when replacing the fuel cartridge.
- Applications: Citroen, Peugeot, Renault.
- **Model No. VS6425**
- List Price £29.95

£9.95 EXC. VAT
£11.94 INC. VAT

Extra Long Hose Clamp



- Designed for clamping flexible hoses.
- Extra long design allows use in deep confined spaces and large adjusting knob enables easy operation.
- Suitable for brake, coolant, fuel and vacuum hoses.
- **Model No. VS0371**
- List Price £24.95

£9.95 EXC. VAT
£11.94 INC. VAT

4pc Hose Clamp & Pinch Off Locking Pliers Set



- The hose clamp pliers unique deep slotted jaw design grips from either straight on, the side or corner enabling the quick removal and replacement of all sizes of spring hose clamps.
- **Model No. VS0310**
- List Price £84.95

£36.95 EXC. VAT
£44.34 INC. VAT

STOCK CLEARANCE

Setting/Locking Kit Alfa Romeo, Fiat 1.7D/DT, 1.9D/DT



- Suitable for timing belt replacement on 1.7D/DT & 1.9D/DT engines in Alfa Romeo and Fiat vehicles.
- Kit includes camshaft setting plates and crankshaft locking tool.
- **Model No. VSE2512**
- List Price £74.95

£39.95 EXC. VAT
£47.94 INC. VAT



Setting/Locking Kit Alfa Romeo, Fiat, Lancia 0.9 Twin Air



- Allows crankshaft and camshaft to be locked into position for the removal and replacement of the timing chain.
- Includes crankshaft pulley locking pin to secure the crankshaft pulley for centre bolt removal.
- **Model No. VSE2514**
- List Price £59.95

£24.95 EXC. VAT
£29.94 INC. VAT



Setting/Locking Kit BMW, Citroen, Ford, Peugeot, Volvo 1.4D, 1.5D, 1.6D Chain in Head



- Set of locking pins and flywheel locking tool for timing belt replacement and chain in head service operations.
- Suitable for 1.6D W16 diesel engines fitted in BMW Mini R55/56/57 models.
- The timing pins lock and hold the camshaft, crankshaft and HP pump in the timed position.
- **Model No. VSE6155**
- List Price £17.95

£6.95 EXC. VAT
£8.34 INC. VAT



Single Vanos Spanner BMW Twin Cam M50/M52



- Used when removing and refitting the single Vanos unit on the inlet camshaft.
- Applications: BMW M50, M52 Vanos engines.
- **Model No. VS4312**
- List Price £43.95

£16.95 EXC. VAT
£20.34 INC. VAT



Setting/Locking Kit BMW N62/N62TU V8, N73 V12



- Suitable for setting and adjusting the timing on BMW 3.6, 4.0, 4.4, 4.8 N62/N62TU V8 and 6.0 N73 V12 engines.
- Kit includes camshaft setting plates, flywheel locking pin and chain pre-tensioning tool.
- **Model No. VSE6166**
- List Price £249.95

£94.95 EXC. VAT
£113.94 INC. VAT



Universal Single/Twin Camshaft Locking/Holding Tool Set



- Tool set designed to retain the timing position on single camshaft and twin camshaft petrol and diesel engines.
- These tools will hold camshafts in position when replacing the timing belt.
- The set will fit closely positioned sprockets on many twin camshaft engines and wider spread camshaft/injection pump sprockets on some diesel engines.
- **Model No. VSE887**
- List Price £99.95

£36.95 EXC. VAT
£44.34 INC. VAT



Setting/Locking Kit Fiat 1.9D/2.4TD

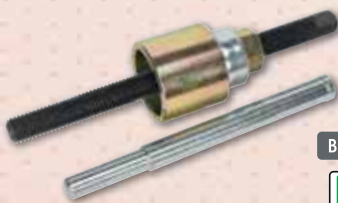


- Suitable for later model 1.9D/TD and JTD (common rail) diesels.
- Also suitable for the 2.1TD and 2.4TD engines.
- **Model No. VS1405**
- List Price £99.95

£44.95 EXC. VAT
£53.94 INC. VAT



Crankshaft Pulley Removal/ Installation Tool Kit Chrysler 1.8, 2.0 & 2.4

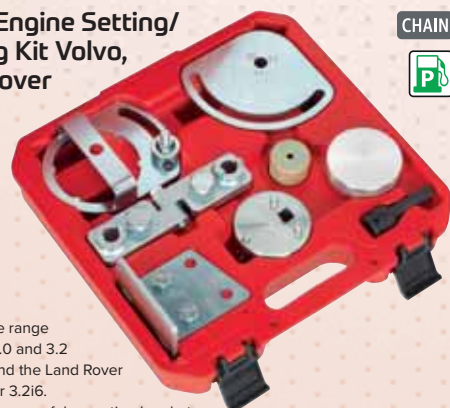


- For timing belt replacement on certain Chrysler 1.8, 2.0 & 2.4 petrol engines it is necessary to remove the crankshaft pulley in order to remove the timing belt.
- In addition this kit must be used in conjunction with a suitable puller.
- **Model No. VSE5856**
- List Price £49.95

£19.95 EXC. VAT
£23.94 INC. VAT



Petrol Engine Setting/ Locking Kit Volvo, Land Rover



- Covers the range of Volvo 3.0 and 3.2 engines and the Land Rover Freelander 3.2i6.
- Kit includes a useful mounting bracket.
- Also includes the tooling to correctly align the timing covers.
- **Model No. VSE5050**
- List Price £309.95

£79.95 EXC. VAT
£95.94 INC. VAT



Setting/Locking Kit Renault 2.0 16v IDE



- Includes crankshaft locking pin and camshaft setting plate for timing belt replacement.
- Suitable for Renault 2.0 16v IDE twin cam petrol engines found in Laguna II and Megane vehicles.
- **Model No. VSE5971**
- List Price £36.95

£13.95 EXC. VAT
£16.74 INC. VAT



Camshaft Locking Tool Lotus, MG/Rover K-Series Engines



- Camshaft locking device, made from aluminium, fits between the two camshaft pulleys to lock the camshafts on Rover K-Series Engines.
- **Model No. VSE180B**
- List Price £11.25

£4.45 EXC. VAT
£5.34 INC. VAT

Crank Pulley Holding Tool VAG



- Suitable for VAG 1.4 & 1.6 16v twin cam petrol engines (98-06).
- **Model No. VSE23584**
- List Price £36.95

£17.95 EXC. VAT
£21.54 INC. VAT



MaxiSYS Mini Multi-Manufacturer Diagnostic Tool



- Extraordinarily powerful Cortex-A9 quad-core processor.
- 7.9 Inch 1024x768 LED-backlit glossy Multi Touch capacitive display with IPS technology.
- The VCI connects wirelessly to the main unit with Long-Range Class 1 Bluetooth.
- Extensive vehicle coverage for more than 80 US, Asian and European vehicle makes.
- Complete capabilities for codes, live data, actuation tests, adaptations and ECU coding.
- Displays live data in text, graph, analogue and digital gauge for easy data review and analysis.
- Cloud-based Data Manager saves customer and vehicle records, scanner data and technician notes.
- Remote technical support for convenient demonstration, training.
- 12 Months free updates (often one a week).
- No lockout when updates expire.
- UK Telephone support.
- **Model No. MS905**
- List Price £1834.95

£1399.95 EXC. VAT
£1679.94 INC. VAT



100A Combined Battery Support Unit & Charger

- High frequency power supply utilises a microprocessing CPU controller when charging a battery and providing support during electronic diagnostic checks.
- Up to 100A supply at 13.5V/14.5V & 14.8V.
- Designed for use with lead-acid batteries including WET, GEL and AGM types on 12V systems.
- Includes a function to recharge a deeply discharged battery.
- Safety circuitry which includes reverse polarity protection, short circuit protection, overload protection and the detection of voltage errors.
- Once fully charged, the battery may be left connected to be automatically conditioned and maintained.
- **Model No. BSCU100**
- List Price £999.95



12V
100A
5-1000Ah

£649.95 EXC. VAT
£779.94 INC. VAT

EOBD Code Reader Electrical Tester

- Multimeter, scope, starter test and EOBD code reader combined.
- CAN Enabled tool retrieves generic P0, P2 and P3 and U0 codes for engine emissions and manufacturer specific P1, P3 and U1 codes.
- Reads and displays live ECU/PCM data stream, plotting functions graphically and stores freeze-frame data.
- Updateable via web-based downloads.
- Supports new extended sensor list (SAE J1979 2007), trouble-shooter code tips and repair information.
- Auto-ranging automotive diagnostic multimeter.
- Scope function to visually test component signals.
- Internal battery back-up.
- **Model No. AL439**
- List Price £129.95



Battery



£79.95 EXC. VAT
£95.94 INC. VAT



Service Light & EPB Reset Tool Volvo

- Designed for resetting electronic parking brake (EPB) and extinguishing the service interval lights, including the service interval messages that are displayed in the Driver Information Module after carrying out routine maintenance on Volvo vehicles.
- Simple push-button application.
- Powered by connection to the vehicle.
- **Model No. VS8625**
- List Price £179.95



£99.95 EXC. VAT
£119.94 INC. VAT

EGR Valve Activator/Tester



- Allows the exhaust gas recirculation (EGR) valve to be operated in situ.
- Can be held in the open position to aid cleaning of carbon deposits or switched open/closed to check operation.
- Supplied with connectors to suit a range of valves.
- **Model No. VS926**
- List Price £299.95



£139.95 EXC. VAT
£167.94 INC. VAT

5pc Auto Electrical Installation Kit

- Slim profile helps to locate and seat wiring loom in awkward places and to separate individual wires ready for inspection/installation, so minimising damage.
- **Model No. RT5KIT**
- List Price £15.95



£8.95 EXC. VAT
£10.74 INC. VAT

15ltr Brake Disc & Lining Cleaner



15ltr Capacity

- Air operated brake cleaner device can be used remotely from air supply and its recycling function prolongs the life of the brake cleaning fluid.
- Supplied with cleaning brush.
- **Model No. VS2000**
- List Price £999.95

£549.95 EXC. VAT
£659.94 INC. VAT

Service Indicator & EPB Reset Tool Land Rover, Range Rover

- Applications: Discovery III, Range Rover Sport.
- Simple push-button operation allows EPB cable to be released and re-attached and, in the event that the emergency hand brake has been activated, allows the user to reset the system.
- Clears codes that may have been generated as a result of the emergency cable being pulled.
- It also allows the EPB to be un-jammed when the vehicle has entered a state of brake squeal when applying the parking brake, the rear brakes squeak or rub when the vehicle is moving or there is evidence of shoe-drag.
- Powered by connection to the vehicle.
- **Model No. VS8624**
- List Price £189.95



£89.95 EXC. VAT
£107.94 INC. VAT

VIDEO BORESCOPIES



- High performance pistol grip borescopes with 85mm colour TFT screen and waterproof probe pod with IP67 rating.
- Features video record/playback, still images and stream live video via the AV out connection.
- Videos and images are stored on a 4GB micro SD card (supplied) allowing up to 4.5 hours of video and 10,000 images, which can be transferred to a PC via the USB connection.
- Also features digital zoom control and rotate/flip control of image.
- Powered by lithium-ion battery pack giving up to 4 hours continuous use.
- AV and USB cables not supplied.

	VS8230	VS8231	VS8232
Camera:	Ø9mm	Ø5.5mm	Ø3.9mm
Optional Probes:	✓	✓	✓
Viewing Angle:	53°	60°	80°
Pod Length:	50mm	30mm	20mm
Camera Probe Length:	1000mm	1000mm	1000mm
Adjustable Light Control:	✓	✓	✓
Screen Resolution:	320 x 240	320 x 240	320 x 240
Mirror Flip/Rotate Function:	✓	✓	✓
List Price:	£249.95	£349.95	£329.95
Exc. VAT	£199.95	£279.95	£264.95
Inc. VAT	£239.94	£335.94	£317.94

Replacement or Alternative Camera Probes for VS8230, VS8231 & VS8232

	VS8290	VS8255	VS8239
Probe Size:	Ø9mm x 1000mm	Ø5.5mm x 1000mm	Ø3.9mm x 1000mm
Viewing Angle:	53°	60°	80°
Pod Length:	50mm	30mm	20mm
Adjustable Light Control:	✓	✓	✓
Resolution:	640 x 480	640 x 480	320 x 240
List Price:	£64.95	£119.95	£109.95
Exc. VAT	£49.95	£94.95	£84.95
Inc. VAT	£59.94	£113.94	£101.94

- Waterproof probe pod with IP67 rating.
- Features lighting LEDs for a clear image in dark areas.



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available on
iOS and Android



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Offers will be withdrawn when stock is sold. We reserve the right to change products and pricing at any time.
Specifications and descriptions on this promotion are given in good faith but may change without notice and do not form any part of a sale contract E & OE.

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