



Sykes-Pickavant®

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PRODUCT CATALOGUE

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A collage of various automotive suspension components and tools. The items include control arms, ball joints, tie rod ends, shock absorbers, springs, and a Sykes-Pickavant tool. The components are arranged on a white background, with some tools and parts overlapping. The Sykes-Pickavant tool is a blue, cylindrical device with a handle and a mounting bracket. The control arms are black metal parts with ball joints. The tie rod ends are black metal parts with a threaded rod and a ball joint. The shock absorbers are black metal parts with a threaded rod and a mounting bracket. The springs are coiled metal parts. The tools include a wrench, a screwdriver, and a pair of pliers. The overall image is a collection of automotive suspension parts and tools, likely for a catalog or a website.

SUSPENSION

BALL JOINT REMOVAL

4 WAY BALL JOINT SEPARATOR

080500V2

- » Unique 4-way lever design allows for a wide variety of applications.
- » 4 options are available, by removing the pin and selecting any of the 4 positions.
- » Tapered, slim jaw fork design with tough, black epoxy coating.

Specifications:

- » Jaw Opening: 24 / 30 / 40 / 45mm options
- » Jaw Throat Width: 19mm » Jaw Throat Depth: 30mm



BALL JOINT SEPARATOR - DIRECT ACTION TYPE

66031000

Specifications:

- » Jaw Opening: 50mm
- » Jaw Throat Width: 15mm
- » Jaw Throat Depth: 69mm



BALL JOINT SEPARATOR

66055000

Specifications:

- » Jaw Opening: 45mm
- » Jaw Throat Width: 19mm
- » Jaw Throat Depth: 30mm



BALL JOINT SPLITTERS

- » Fork type ball joint splitters are designed to be used with a hammer to help separate the ball joint from the steering arm.

Part no.	Length	Jaw Throat Width	Jaw Throat Depth
66049000	195mm	15mm	69mm
08060000	400mm	18mm	70mm

66049000



08060000



3-SIZE BALL JOINT SEPARATOR

08065000

- » Drop forged rugged, flat design with 3 interchangeable forks.
- » Forks are attached to the centre screw to allow continuous adjustment within the jaw capacity range.
- » Features an internal operated drive spindle (M24) and an elongated recess in the forks, providing a safe & secure operation.
- » Jaw capacity range: 30 - 65mm. » 3 x fork sizes: 24, 27 and 31mm.
- » Ideal for use on vehicles: Audi / VW (A3, A4 and A6 with double wishbone), BMW & Mercedes-Benz.

Also Available:

- » 080650-36 - 36mm Jaw » 080650-BKT - Wall Bracket



BALL JOINT SEPARATOR - HGV

08070000

- » Strong, heavy duty body, with strengthened fork and lever, allows for greater force to be applied.
- » Can be upgraded to hydraulic power (use 080750V2 Upgrade Kit).

Specifications:

- » Jaw Opening: 70mm
- » Jaw Throat Depth: 50mm
- » Jaw Throat Width: 36mm



12 TONNE HYDRAULIC BALL JOINT SEPARATOR

180700V2

- » Updated kit now uses power from the SP 12 tonne hydraulic ram.
- » Hydraulic version of the 08070000 HGV Ball Joint Separator.



080750V2

- » Upgrade Kit for use with 08070000 HGV Ball Joint Separator - to provide Hydraulic Power.
- » Uses hydraulic power from the SP 1800 series Hydraulic Ram.
- » Can achieve up to 4 tonnes of mechanical force prior to hydraulic operation.



12 TONNE HYDRAULIC BALL JOINT SEPARATOR

08010000

- » For use with a hydraulic ram, it can be used with either our 8T Ram (150000V2) or 12T Ram (180000V2).
- » 39mm Jaw Width
- » NOTE: Ram not included.



NEW

18010000

- » Ball joint splitter with 180000V2 12T Hydraulic Ram.
- » 39mm Jaw Width



HEAVY DUTY BALL JOINT SPLITTER

08040000

Applications:

- » Discovery
- » Range Rover Sport and Freelander 2.0
- » Discovery 3
- » OE Reference 205-754A
- » Range Rover 3

Approximate dimensions:

- » Length 170mm
- » Width: 29mm
- » Height 130mm
- » Depth: 35mm



NEW

FORD TRANSIT BALL JOINT TOOL - MANUAL

082560V2

- » For the removal and installation of the lower front ball joints as found on Ford Transits 00- including Ford Custom.
- » On vehicle solution provides time saving benefits.
- » Tool designed to access the awkward location of the ball joint.
- » Manual option includes screw converter allowing the user to utilise an existing SP hydraulic ram (180000V2).



BALL JOINT REMOVAL

FORD TRANSIT BALL JOINT TOOL - HYDRAULIC

182560V2

- » For the removal and installation of the lower front ball joints as found on Ford Transits 00- including Ford Custom.
- » On vehicle solution provides time saving benefits.
- » Tool designed to access the awkward location of the ball joint.
- » Hydraulic option includes 12 Tonne SP hydraulic ram.



MERCEDES SPRINTER BALL JOINT ADAPTOR SET

187403V3

- » Updated set now includes new cup for common aftermarket arms.
- » For the removal and installation of ball joints on Mercedes Sprinter 95 -06 and revised 06 onwards models (901, 902, 903, 904 and 906).

Applications:

- » Sprinter 95 onwards
- » VW Crafter & Sprinter 06 onwards
- » VW LT 96 - 06



MERCEDES SPRINTER BALL JOINT TOOL INCLUDING PRESS FRAME & 12 TONNE HYDRAULIC RAM

187413V3

- » Updated set now includes new cup for common aftermarket arms.
- » For the removal and installation of ball joints on Mercedes Sprinter 95 -06 and revised 06 onwards models (901, 902, 903, 904 and 906).
- » Includes 187403V3 Adaptor Set and Press Frame with 12 Tonne Hydraulic Ram.
- » Adaptor set can be used in a workshop press.



UPPER BALL JOINT ADAPTOR SET - OPEL MOVANO/ RENAULT MASTER/ NISSAN INTERSTAR

187502V3

For the removal and installation of upper ball joints as fitted to the following:

- » Nissan Interstar 02 onwards
- » Opel Movano 98 onwards
- » Renault Master II 98 onwards
- » Adaptors can be used in a press frame with a hydraulic ram (187000V2).



LOWER BALL JOINT ADAPTOR SET - OPEL MOVANO RENAULT MASTER/NISSAN INTERSTAR

187503V3

For the removal and installation of lower ball joints as fitted to the following:

- » Nissan Interstar 02 onwards.
- » Opel Movano 98 onwards.
- » Renault Master II 98 onwards.
- » Adaptors can be used in a press frame with a hydraulic ram (187000V2).



OPEL MOVANO/RENAULT MASTER/NISSAN INTERSTAR BALL JOINT TOOL KIT

187512V3

For the removal and installation of upper and lower ball joints as fitted to the following:

- » Nissan Interstar 02 onwards
- » Renault Master II 98 onwards
- » Opel Movano 98 onwards
- » Uses the Sykes-Pickavant 187 Hydraulic Series press frame to deliver 12 tonnes of force, for a "take the press" to the car solution.



LAND ROVER SWIVEL BALL JOINT ADAPTOR SET

18771000

- » A new on vehicle solution for the removal and replacement of twin swivel ball joints as fitted onto the front axles of two popular Land Rover models: Discovery 2 1998-2004 & Range Rover P38A 1994-2002.
- » For use in a hydraulic press.



LAND ROVER SWIVEL BALL JOINT KIT INCLUDING ADAPTORS, PRESS FRAME & ADAPTOR RING

18771200

- » A new on vehicle solution for the removal and replacement of twin swivel ball joints as fitted onto the front axles of two popular Land Rover models: Discovery 2 1998-2004 & Range Rover P38A 1994-2002.
- » Use with the Sykes-Pickavant Hydraulic Ram (180000V2)* to deliver 12 tonnes of force, for a "take the press" to the car solution (*not included).



LAND ROVER SWIVEL BALL JOINT TOOL INCLUDING ADAPTORS, PRESS FRAME, ADAPTOR RING & RAM

18771100

- » Land Rover Swivel Ball Joint Kit - Adaptor Set including Press Frame & Adaptor Ring.
- » A new on vehicle solution for the removal and replacement of twin swivel ball joints as fitted onto the front axles of two popular Land Rover models: Discovery 2 1998-2004 & Range Rover P38A 1994-2002.
- » Uses the Sykes-Pickavant 187 Hydraulic Series press frame to deliver 12 tonnes of force, for a "take the press" to the car solution.
- » Other kit options available - See related products 18771000 and 18771200.



DROP ARM PULLER - LAND ROVER / TRANSIT

05050000

Extra heavy duty puller for the removal of drop arms from the toughest of vehicle applications.

- » Ideal for Land Rover Discovery 1 & 2, Range Rover P38, Land Rover Defender and Ford Transit applications.
- » The puller is designed to be used with the steering box already removed from the vehicle.
- » Includes a force screw allowing the user to effectively shock the drop arm to become loose from the steering box.
- » Jaw spread capacity - 60mm
- » Jaw reach capacity - 80mm



BUSH REMOVAL & INSTALLATION

LAND ROVER DISCOVERY 3 & 4 SUSPENSION BUSH MASTER KIT

18777000

- » A comprehensive solution specifically designed for removal of seized / corroded bushes and installation of replacement bushes for Land Rover Discovery 3/4 and Range Rover Sport models.
- » Only the bushes have to be replaced, saving the cost and time in replacing the complete arm.
- » Lower arm bushes can be replaced on vehicle without having to remove the wheel.
- » Individual press frame pieces for each wishbone.
- » To be used in conjunction with the SP Universal Press Frame (18700100) and due to the nature of corroded components, the power of the SP 12 Tonne Hydraulic Ram is also required (180000V2) (Can be purchased together as 187000V2 - Universal Press Frame c/w 12 Tonne Hydraulic Ram).
- » The SP 90206000 Vibro Impact Air Hammer and SP 96040000 Induction Heater can be used to assist in the removal of corroded suspension bolts and bushes.



Available Kits:

Part no.	Product Description
18777100	Land Rover Discovery 3 & 4 Suspension Bush Front Lower Kit
18777200	Land Rover Discovery 3 & 4 Suspension Bush Front Upper Kit
18777300	Land Rover Discovery 3 & 4 Suspension Bush Rear Lower Kit
18777400	Land Rover Discovery 3 & 4 Suspension Bush Rear Upper Kit

UNIVERSAL C-CLAMP

18780500

- » For the dismantling / installation of suspension components on the vehicle.
- » Jaw opening: 245mm.
- » Throat depth: 100mm.
- » Includes adaptors for use with the 08780000 and XS Sleeve kits.
- » Designed to allow greater access in restricted situations and where the universal press frame is not suitable.
- » Special trapezoidal threaded screw, allows for the application of greater force.
- » Base cup works with gold and silver rings from the SP press frame (18700100 / 187000V2).
- » Includes impact screw which can be removed and replaced with a hydraulic ram (1500 & 1800 Series).
- » Can be used with an impact gun.



UNIVERSAL C-CLAMP

18780200

- » Universal clamp for the dismantling and installation of suspension parts on the vehicle.
- » Specially designed Universal Clamp for use with the '0878 / '0879 Series Press & Pull Sleeve Kits.
- » Designed to allow greater access in restricted situations and where the Universal Press Frame is not suitable.
- » Special trapezoidal threaded screw, allows for the application of greater force and can be used with Impact Air Wrenches, as well as standard ratchets / wrenches etc.
- » Also capable of accepting the 1500 & 1800 Series Hydraulic Rams.
- » Internal frame dimensions: 245mm x 70mm.



LAND ROVER BUSH PRESS KIT

 **18775000**

- » For radius arm, panhard bushes and general suspension bushes.
- » Dedicated shaped press pieces for correct location and alignment.
- » Suitable for Land Rover Models: Defender, Discovery 1 & 2, Classic Range Rover, Range Rover P38A & older Series Land Rovers.
- » Kit includes 6 Adaptor Pieces for use in a workshop press with suspension parts removed from vehicle.



LAND ROVER BUSH KIT - C CLAMP OPTION

 **18775700**

- » For radius arm, panhard bushes and general suspension bushes.
- » Dedicated shaped press pieces for correct location and alignment.
- » Suitable for Land Rover Models: Defender, Discovery 1 & 2, Classic Range Rover, Range Rover P38A & older Series Land Rovers.

Kit includes:

- » 6 Piece Adaptor Set.
- » 18775100 step plate.
- » C Clamp for minimal vehicle strip-down.



LAND ROVER BUSH KIT WITH PRESS FRAME

 **18775600**

- » For radius arm, panhard bushes and general suspension bushes.
- » Dedicated shaped press pieces for correct location and alignment.
- » Suitable for Land Rover Models: Defender, Discovery 1 & 2, Classic Range Rover, Range Rover P38A & older Series Land Rovers.

Kit includes:

- » 6 Piece Adaptor Set
- » Press frame
- » 18775100 step plate
- » Adaptor ring

*Note - With certain large radius arm bushes, the adaptor pieces can still be used with a workshop press or C Clamp. For use with the 180000V2 Hydraulic Ram.



LAND ROVER BUSH KIT WITH PRESS FRAME & RAM

 **18775500**

- » For radius arm, panhard bushes and general suspension bushes.
- » Dedicated shaped press pieces for correct location and alignment.
- » Suitable for Land Rover Models: Defender, Discovery 1 & 2, Classic Range Rover, Range Rover P38A & older Series Land Rovers.

Kit Includes:

- » 6 Piece Adaptor Set
- » Adaptor ring
- » 18775100 step plate
- » 12 Tonne SP Hydraulic Ram
- » Press frame

*Note - With certain large radius arm bushes, the adaptor pieces can still be used with a workshop press or C Clamp.



BUSH REMOVAL & INSTALLATION

ADAPTOR SET FOR FIESTA TRAILING ARM BUSHES

18732100

- » Adaptors can be used in a press frame (18700100) with either a pressure screw (recommended, 12731100) or a hydraulic ram (180000V2).
- » Fiesta Bush OEM reference numbers: 1011363, 1016439, 96FB5K653CA.
- » *Note - Adaptor Ring 18780400 required.

Kit Includes:

- » Adaptor set for Fiesta Bushes, for the removal and installation of trailing arm bushes



ADAPTOR SET FOR FOCUS TRAILING ARM BUSHES

18732200

- » Adaptors can be used in a press frame (18700100) with either a pressure screw (recommended, 12731100) or a hydraulic ram (180000V2).
- » Focus Bush OEM reference numbers: 1 061 670, 1304124
- » *Note - Adaptor Ring 18780400 required.

Kit Includes:

- » Adaptor set for Focus Bushes, for the removal and installation of trailing arm bushes.



FIESTA & FOCUS MASTER BUSH KIT

18732000

Kit Includes:

- » Adaptor set for the removal and installation of trailing arm bushes
- » 18700100 Press Frame » 18704100 Pressure Screw

Bush OEM reference numbers:

- » Fiesta: 1011363, 1016439, 96FB5K653CA
- » Focus: 1 061 670, 1304124



UNIVERSAL PRESS FRAME

18700100

- » Includes adaptor ring (18780400) for use with 08780000 and related press piece sets.
- » Can be used with 8/12 Tonne SP hydraulic ram (150000V2/ 180000V2) and press frame pressure screw.



UNIVERSAL PRESS FRAME WITH 12 TONNE HYDRAULIC RAM

187000V2

- » Updated unit now provides greater power.
- » Allows easier operation - 50% more capable using the SP 12 tonne Hydraulic Ram.
- » Includes adaptor ring for use with 08780000 Universal Press & Pull Sleeve Kit.
- » Ideal for use with individual model specific press piece sets.
- » Open frame design - 200mm of clearance through the press frame.

Can be used in the following formats:

- » On its own as a stand alone tool » With Universal Press & Pull sleeve kits



MULTI-APPLICATION STEP PLATE

18775100

- » New single piece stepped press frame plate.
- » Allows for many different sized press pieces to fit positively into the frame for precise work.



MULTI-APPLICATION STEP PLATE

18780400

- » Ring sits in press frame to hold adaptors in place.



PRESS FRAME EXTENSIONS LEGS AND NOSE PIECE

18705500

- » New kit designed for use with the 0878 range of sleeve kits.
- » Extends the 187 press frame - internal capacity from 200 to 350mm.
- » Pair of 150mm legs fit onto original 187 press frame legs.
- » Nose piece connects press frame ram with 4 x step plate discs from the 0878 range of sleeve kits.



FORD & VOLVO REAR WISHBONE / TRAILING ARM BUSH TOOL KIT

087304V2

- » Now capable of installing & removing the longer bush as fitted onto the nearside of recent Volvo cars.
- » Individual press piece kit for dismantling and installing the rear wishbone / trailing arm bush.
- » Correctly aligns & sets bush depth in trailing arm upon installation, so not to tear bush.

Suitable for:

- » Ford: Mondeo 07- / Mondeo Estate 07- / S-Max & Galaxy 06-
- » Volvo: XC70 & V70 07- / XC60 08- / S60 & V60 10



FIESTA MARK VI REAR BUSH KIT

08730500

- » For the installation and removal of the rear axle body mounting bush found on Fiesta Mark VI 2008 onwards.
- » Fiesta Bush Number: 1805815 (FEB34748).



ASTRA H REAR AXLE BODY BUSH KIT

08512800

- » To remove and install the rear axle body bush on the vehicle.

Suitable for:

- » Astra H 2004 onwards
- » Meriva B 2010 onwards
- » Zafira B 2005 onwards
- » Astra Bush Number: 13267215 (FSK7164).



BUSH REMOVAL & INSTALLATION

FORD TRANSIT LOWER ARM BUSH TOOL

 08269000

- » For the removal and replacement of the large rear bush on the lower arms of Ford Transits from 2000 - 2013.
- » Designed to be used with a 187000V2 press frame and ram.
- » On vehicle solution with minimal strip down.
- » Can also be used in a workshop press for lower arms when they have been removed from the vehicle.

Applications:

- » Ford Transit Mk5 & Mk6 from 2000 to 2013
- » OE Bush Numbers covered: 4042024, 4372132, 4540787 & 7372131



PRESS & PULL SLEEVE KITS

- » A universal system for the removal and installation of Suspension Bushes, Bearings, Seals etc.
- » By selecting the appropriate diameter sleeves, the bush / bearing / seal is Pressed, or Pulled by the action of turning the spindle nuts in opposing directions.
- » Fully universal applications for Cars, LCVs HGVs etc, with a range of kit options to suit individual requirements.

Press & Pull Sleeve Kits can be used in the following formats:

- » As a stand alone set of tools
- » With a standard workshop press
- » With a Universal Press Frame (187000V2)
- » Can also be used with selected model specific Press Piece sets and in conjunction with optional hydraulic upgrade kits
- » With a Universal C Clamp - Large (18780200)
- » With a Universal C Clamp (18780500)

UNIVERSAL PRESS & PULL SLEEVE KIT CAR/LCV KIT

 08780000

- » Universal applications - Car - LCV.
- » Contains 20x Press Sleeves in 2mm diameter steps.
- » Inside Diameter Range: 34 - 72mm.
- » Outside Diameter Range: 44 - 82mm.
- » 4x Step Plates / 4x Pulling Spindles with thrust bearings.
- » Supplied in moulded storage case.



Spare Parts

Part no.	Description	Quantity	Part no.	Description	Quantity	Part no.	Description	Quantity
08785170	Sleeve 34/44	1	08786270	Sleeve 56/66	1	08782370	Spindle M14	1
08785270	Sleeve 36/46	1	08786370	Sleeve 58/68	1	08782470	Spindle M16	1
08785370	Sleeve 38/48	1	08786470	Sleeve 60/70	1	08781170	Nut M10 with Bearing	2
08785470	Sleeve 40/50	1	08786570	Sleeve 62/72	1	08781270	Nut M12 with Bearing	2
08785570	Sleeve 42/52	1	08786670	Sleeve 64/74	1	08781370	Nut M14 with Bearing	2
08785670	Sleeve 44/54	1	08786770	Sleeve 66/76	1	08781470	Nut M16 with Bearing	2
08785770	Sleeve 46/56	1	08786870	Sleeve 68/78	1	08783170	Step Disc No.1	1
08785870	Sleeve 48/58	1	08786970	Sleeve 70/80	1	08783270	Step Disc No.2	1
08785970	Sleeve 50/60	1	08787070	Sleeve 72/82	1	08783370	Step Disc No.3	1
08786070	Sleeve 52/62	1	08782170	Spindle M10	1	08783470	Step Disc No.4	1
08786170	Sleeve 54/64	1	08782270	Spindle M12	1			

HYDRAULIC UPGRADE KITS FOR 08780000

» When used in conjunction with components from 08780000, or 08797500, these kits allow application of up to 12 tons of hydraulic force which can be used to provide a controlled force in place of the manual or mechanical effort required when using 08780000 / 08797500

Contents:

- » Hollow Ram Hydraulic Cylinder
- » Alignment washer
- » 2x extra-long heavy-duty spindles that are rated for use with the hydraulic ram. (Note: Standard 08780000 spindles are not rated for use with the 18782500 and / or 18792500 hydraulic ram).

Part no.	Description
18782500	8mm Stroke
18792500	40mm Stroke

18782500



18792500



XL COMPREHENSIVE KIT

08797500

- » Complete kit for SUV, LCV, PSV, HGV.
- » Contains 20x Press Sleeves in 2mm diameter steps.
- » Inside Diameter Range: 74 - 112mm in 2mm steps.
- » Outside Diameter Range: 84 - 122mm in 2mm steps.
- » 4x Step Plate Discs / 4x Pulling Spindles with nuts & thrust bearings M10 / M12 / M14 / M16.
- » 2 x 20mm Heavy Duty Pulling Spindles (M20 long & M20 short) with thrust bearings.
- » Supplied in moulded storage case.



Spare Parts

Part no.	Description	Quantity	Part no.	Description	Quantity	Part no.	Description	Quantity
08795170	Sleeve 74/84	1	08796570	Sleeve 102/112	1	08781370	M14 Nut & Bearing	2
08795270	Sleeve 76/86	1	08796670	Sleeve 104/114	1	08791670	M16 Nut & Bearing	2
08795370	Sleeve 78/88	1	08796770	Sleeve 106/116	1	08791570	TR20 Nut & Bearing	2
08795470	Sleeve 80/90	1	08796870	Sleeve 108/118	1	08791170	Counter Nut M10	1
08795570	Sleeve 82/92	1	08796970	Sleeve 110/120	1	08791270	Counter Nut M12	1
08795670	Sleeve 84/94	1	08797070	Sleeve 112/122	1	08791470	Counter Nut M14	1
08795770	Sleeve 86/96	1	08782170	Spindle M10	1	08793170	Step Disc No. 1	1
08795870	Sleeve 88/98	1	08782270	Spindle M12	1	08793270	Step Disc No. 2	1
08795970	Sleeve 90/100	1	08782370	Spindle M14	1	08793370	Step Disc No. 3	1
08796070	Sleeve 92/102	1	08782470	Spindle M16	1	08793470	Step Disc No. 4	1
08796170	Sleeve 94/104	1	08792570	Spindle TR20 Short	1	08790570	Adaptor for Step Disc	2
08796270	Sleeve 96/106	1	08792670	Spindle TR20 Long	1	08790570	Spindle Grease	1
08796370	Sleeve 98/108	1	08781170	M10 Nut & Bearing	2			
08796470	Sleeve 100/110	1	08781270	M12 Nut & Bearing	2			

For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



BUSH REMOVAL & INSTALLATION

XL BASIC KIT

08790000

- » For use as an add-on to the Standard Press & Pull Sleeve Kit (08780000).
- » Allows access to a wider range of vehicles, particularly SUVs and LCVs.
- » Contains 8 x Press Sleeves in 2mm diameter steps.
- » Inside Diameter Range: 82 - 88mm and 98 - 104mm.
- » Outside Diameter Range: 92 - 98mm and 108 - 114mm.
- » 4 x Step Plate Discs.
- » 2 x 20mm Pulling Spindle Adaptors with Thrust Bearings M20.
- » Supplied in moulded storage case.



Spare Parts

Part no.	Description	Quantity	Part no.	Description	Quantity	Part no.	Description	Quantity
08795570	Sleeve 82/92	1	08796670	Sleeve 104/114	1	08793170	Step Disc No. 1	1
08795670	Sleeve 84/94	1	08792570	Spindle TR20 Short	1	08793270	Step Disc No. 2	1
08795770	Sleeve 86/96	1	08792670	Spindle TR20 Long	1	08793370	Step Disc No. 3	1
08795870	Sleeve 88/98	1	08791570	TR20 Nut & Bearing	2	08793470	Step Disc No. 4	1
08796370	Sleeve 98/108	1	08791170	Counter Nut M10	1	08790570	Adaptor for Step Disc	2
08796470	Sleeve 100/110	1	08791270	Counter Nut M12	1	08790570	Spindle Grease	1
08796570	Sleeve 102/112	1	08791470	Counter Nut M14	1			

XL UPGRADE KIT

08795000

- » Upgrade kit from 08790000 to complete 08797500.
- » For owners of the XL basic kit 08790000 (SUV / LCV) who wish to upgrade to the full contents of the XL Comprehensive Kit (08797500).



Spare Parts

Part no.	Description	Quantity	Part no.	Description	Quantity	Part no.	Description	Quantity
08795170	Sleeve 74/84	1	08796270	Sleeve 96/106	1	08782370	Spindle M14	1
08795270	Sleeve 76/86	1	08796770	Sleeve 106/116	1	08781170	M10 Nut & Bearing	2
08795370	Sleeve 78/88	1	08796870	Sleeve 108/118	1	08781270	M12 Nut & Bearing	2
08795470	Sleeve 80/90	1	08796970	Sleeve 110/120	1	08781370	M14 Nut & Bearing	2
08795970	Sleeve 90/100	1	08797070	Sleeve 112/222	1	08791670	M16 Nut & Bearing	2
08796070	Sleeve 92/102	1	08782170	Spindle M10	1			
08796170	Sleeve 94/104	1	08782270	Spindle M12	1			

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SCAN ME

XS SLEEVE KIT - MASTER

08786500

- » For the removal and installation of suspension bushes, ball joints, bearings, seals etc.
- » By selecting the appropriate diameter sleeves, the component is pressed, or pulled by the action of turning the spindle nuts in opposing directions.
- » Contains 10 x Press Sleeves in 2mm diameter steps.
- » Inside Diameter Range: 14 - 32mm.
- » Outside Diameter Range: 24 - 42mm.
- » Includes 2 x spindles, 4 x stepped back plates, extension spindle with thrust bearing, lock nuts and grease.
- » Supplied in moulded storage case.



Spare Parts

Part no.	Description	Quantity	Part no.	Description	Quantity	Part no.	Description	Quantity
08784070	XS-Sleeve 14/24	1	08784870	XS-Sleeve 30/40	1	08781170	Nut M10 with Bearing	2
08784170	XS-Sleeve 16/26	1	08784970	XS-Sleeve 32/42	1	08781270	Nut M12 with Bearing	2
08784270	XS-Sleeve 18/28	1	08783170	Step Disc No. 1	1	08792570	Spindle TR 20	1
08784370	XS-Sleeve 20/30	1	08783270	Step Disc No. 2	1	08791570	Nut TR20 with Bearing	1
08784470	XS-Sleeve 22/32	1	08783370	Step Disc No. 3	1	08791170	Counter Nut M10	1
08784570	XS-Sleeve 24/34	1	08783470	Step Disc No. 4	1	08791270	Counter Nut M20	1
08784670	XS-Sleeve 26/36	1	08782170	Spindle M10 without Nut	1			
08784770	XS-Sleeve 28/38	1	08782270	Spindle M12 without Nut	1			

WHEEL BEARING REMOVAL & INSTALLATION

FORD TRANSIT REAR DISC SEPARATOR KIT

08253800

- » Press solution for removing the rear disc from the bearing hub.
- » The hub bearings on this type of Transit often seize in place, requiring extreme force to separate.
- » Suitable for Ford Transits 2000 onwards (where rear discs are fitted - 5 stud).

Bearing References:

- » SNR: R152.58 » Optimal: 302 255
- » SKF: VKBA3589 » Febi: 4535



TWIN CONE WHEEL BEARING KIT

08150100

- » Our new universal solution provides a solid connection when removing screwed wheel bearings, providing ease of use when using a slide hammer.
- » Fits a wide range of wheel bearings.
- » Spindle is 305mm in length with a 20mm thread radius.

Includes six cone press discs in three different sizes:

- » 45 x 23mm
- » 60 x 28mm
- » 71 x 28mm



WHEEL BEARING REMOVAL & INSTALLATION

GEN 2.5 WHEEL BEARING KIT

 **08135500**

- » On vehicle solution.
- » Designed to remove the hub and bearing from aluminium multi-link suspension units with the aid of a pressure screw, adjustable legs and top plate to accommodate the different size bearings as found on VW group vehicles.
- » This procedure is currently carried out with repeated heavy blows using a hammer to remove the heavily corroded bearing. This operation can easily damage surrounding components such as steering knuckles and ball joints or fracture the aluminium wishbone.

Applications:

Audi A4 00-, Audi A5 07-, Audi A6 97-, Audi A7 10-, Audi A8 94-, Audi Q5 08-, Audi R8 07-, Seat Exeo 08-, VW Passat 03-



FORD TRANSIT BEARING PRESS KIT

 **08756000**

- » Successful removal of troublesome inner bearing race and re-installation of complete bearing assembly.
- » Time saving tool- no cutting of bearing required.
- » For the removal and installation of the front wheel bearing on Ford Transits 2000-2013 with the aid of a workshop press.
- » Removes and installs bearings on both 5 and 6 stud hubs.
- » Removes the inner and outer bearing race.

Contents include:

- » Hub support for new bearing installation
- » 5 x supporting pillars and stand for bearing removal
- » 2 x adaptors for insertion and removal
- » Special separator for inner ring removal



FORD TRANSIT FRONT BEARING REMOVAL KIT

 **08758000**

- » For the safe removal of the front wheel bearing assembly (GEN 3) and separation of the disc from the bearing assembly (GEN 3) without damage to either unit; enabling them to be reused if required.
- » This tool is for work on both rear wheel and front wheel drive.
- » The kit uses five rods rather than three, making it a stronger tool for stubborn bearings.
- » No need to remove the drive shaft.

Kit Contents:

- » Top Plate
- » Bottom Plate
- » Impact Screw
- » Hub Assembly Alignment Pin
- » 5 x Long Rods
- » 5 x Short Rods



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SCAN ME

SPIGOT BEARING TOOL

NEW

 09584000

- » Time Saving Solution.
- » Allows damaged or seized bearing to be removed in confined areas where slide hammers would prove difficult to use.
- » Easier, quicker & safer operation for this common problem.
- » No need for use of a die grinder; time saved on clean-up.

Applications:

- » For RWD Ford Transit / Ranger 2.2 / 2.4 / 3.2

The bearing can also be found on the following vehicles permitting the tool to be used where space allows;

- » Mercedes-Benz Models: A208 1998 onwards / A209 2003 onwards / A124 1993 onwards / C208 1997 onwards / C209 2002 onwards / C124 1992 onwards / R170 1996 onwards / R230 2003 onwards / S124 1992 onwards / S202 1996 onwards / S203 2001 onwards / S210 1996 onwards / S211 2003 onwards / W124 1992 onwards / W140 1993 onwards / W163 1998 onwards / W202 1993 onwards / W210 1995 onwards / W211 2002 onwards / W638/2 1996 onwards / W901, W902 2000 onwards / W903 2000 onwards / W904 2000 onwards / W905 2001 onwards
- » Volkswagen Models: Crafter - 2E, 2F 2006 onwards / Touareg 7LA, 7L6, 7L7 2004 onwards

OEM References:

- » Ford: OE-1096277 / OE-YC1R-7600-AA, Mercedes-Benz: OE-018 981 25 10 / OE-A 018 981 25 10



GEN2 BEARING REMOVAL MASTER KIT

 081220V2

- » The GEN 2 type of wheel bearing is predominantly fitted to models from Ford, Land Rover, Mazda, VW Group and Volvo.
- » Includes a variety of different diameter tool kits covering a range of sizes to suit the different GEN2 bearings used by vehicle manufacturers.
- » Designed to distribute pressing force evenly through the outer bearing race and also allows for the suspension leg to remain in-situ on the vehicle when fitting new bearings.

Contents:

- » Combination Kit for Audi / Seat / Skoda / VW applications
- » Consists of all necessary parts from the 62, 66, 72, 78, 82 & 85mm kits



Spare Parts

Part no.	Description	Part no.	Description
083125270	Back Plate- Install (2 Halves) 62mm Ø	081275970	VW T5 Adaptor Ring - Install (94mm Ø)
081235170	Back Plate- Removal (2 Halves) 62mm Ø	081255370	Pressure Plate
081245170	Back Plate - Removal (2 Halves) 66mm Ø	081235870	Adaptor - Install (67mm Ø)
081245270	Back Plate- Install (2 Halves) 66mm Ø	081255970	Adaptor - Install (73mm Ø)
081255270	Back Plate- Install (2 Halves) 72mm Ø	081235970	Adaptor - Removal (57mm Ø)
081255170	Back Plate- Removal (2 Halves) 72mm Ø	081255870	Adaptor - Removal (68mm Ø)
081275270	Back Plate - Install (2 Halves) 85mm Ø	081235570	Force Pin 74mm (5 Pack)
081275170	Back Plate - Removal (2 Halves) 85mm Ø	081275570	Force Pins 90mm (5 Pack)
08121100	GEN2 Nut & Spindle	081255570	Bolt (43mm x 8mm)

Size	Applications
62mm	Audi A2, VW Lupo (Front)
66mm	Skoda Fabia, VW Fox (Front), Polo
72mm	Audi A1, Audi A2, Seat Cordoba, Ibiza, Skoda Fabia, Roomster, VW Polo (Front), VW Fox with PAS (Front)

Size	Applications
78mm	Ford Focus II, C-Max, Volvo C30, C70, S40, V50 (Front), Mazda 3
82mm	Ford Mondeo, Galaxy, S-Max, Land Rover Freelander 2, Volvo S80, V70, XC60, XC70
85mm	VW Multivan, touareg, Transporter (Front/Rear)

WHEEL BEARING REMOVAL & INSTALLATION

GEN2 BEARING REMOVAL KIT - 85MM

08127500

- » Designed to distribute pressing force evenly through the outer bearing race and also allows for the suspension leg to remain in-situ on the vehicle when fitting new bearings.
- » 85mm - VW Multivan, Touareg, Transporter (Front / Rear).



Spare Parts

Part no.	Description	Part no.	Description
081275270	Back Plate - Install (2 Halves) 85mm Ø	081275570	Force Pins 90mm (5 Pack)
081275170	Back Plate - Removal (2 Halves) 85mm Ø	081255570	Bolt (43mm x 8mm)
08121100	GEN2 Nut & Spindle	081275870	Adaptor - Install (94mm Ø)
081275370	Pressure Plate	081275970	VW T5 Adaptor Ring
081255870	Adaptor - Removal (68mm Ø)		

GEN2 REAR VITO BEARING REMOVAL KIT

08122500

- » On vehicle solution.
- » Mercedes-Benz Vito W639 model specific
- » Accommodates the larger 92mm bearing, which is required for this application
- » Can be completed without the removal of the ABS sensor which can otherwise become damaged in the removal process
- » Includes a large finely threaded spindle which eliminates the need for hydraulics whilst helping the bearing alignment for installation

Applications:

- » Viano (W639) 2003 onwards
- » Vito Mixto (W639) 2003 onwards
- » Vito Minibus (W639) 2003 onwards

OEM References:

- » OE-6393340006
- » OE-6399810427
- » OE-639 981 04 27 S1
- » OE-A6393340006
- » OE-A6399810427
- » OE-A6399810427S1



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SCAN ME

GEN2 BEARING REMOVAL MASTER KIT

GO030

- » Full assortment for correct removal and installation of compact bearing hub units on vehicles ranging from passenger cars to transporters.
- » The perfect set for all current bearing units with diameters of 62 - 85 mm.
- » Includes a threaded spindle M20 and nut, and a counter-pressure nut with pressure bearing for mechanical operation. For frequent use with large bearing units or badly corroded bearings, we recommend the optional 12-tonne hydraulic cylinder GO1012.
- » The special half shells grip behind the wheel hub during installation and press on the snap ring located directly on the bearing outer ring.
- » This prevents damage to the bearing and allows the snap ring to engage evenly.
- » The repair work can be performed directly on the vehicle.
- » Easy to use - significant time savings - no damage to the bearing.
- » Sizes and assignment of half shell sets (HSS).

Installation:

- » 1 x HSS size 1 for $\varnothing$ 62 mm
- » 1 x HSS size 2 for $\varnothing$ 66, 68 mm
- » 1 x HSS size 3 for $\varnothing$ 72, 75, 78 mm
- » 1 x HSS size 4 for $\varnothing$ 82, 85 mm

Removal:

- » 1 x HSS for $\varnothing$ 62, 66, 68, 72, 75, 78, 82, 85 mm



HALF SHELL COUPLING FOR BEARING FRONT AXLE $\varnothing$ 92

GO039

- » For use with GO030 - GEN2 Wheel Bearing Master Kit.

Applications:

- » Citroen, Opel, Peugeot, Toyota: » FAG: 713 6506 80
- » 9819074780, SU001 A6528 » SKF: VKBA 7120



WHEEL BEARING TOOL SET

GO015

- » Complete set for mounting and dismounting wheel bearings and for assembling hubs.
- » The large number of pressure bushes and centering washers allows the product to cover a wide range of models and applications.
- » Safe and accurate centering of all the components during working operations.
- » Ideal to be used with a press suitable for wheel bearings, silent bearings, bushes, washers, hubs etc.
- » Installation without damage thanks to the special design of the components.
- » Bearing installation = pressure on the bearing outside ring
- » Hub installation = pressure on the bearing inner ring.
- » Use with screw M20 (supplied) or with 17 tonne hydraulic cylinder (Long spindle required).



WHEEL BEARING REMOVAL & INSTALLATION

WHEEL BEARING SET

GO017

60 - 76MM Outer Diameter.

- » New design for precise and safe centering and alignment of components.
- » Suitable for when hub and bearing are separate rather than integrated.
- » Suitable for wheel bearing extraction / installation as well as for use on hubs, silent blocks and elastic supports in general.
- » Large number of bushings and washers to cover a wide range of models and applications.
- » Manual application with M20 300mm spindle (included in the set) or with 17 ton hydraulic cylinder - stroke 43 mm code GO1017 or GO1061 (cylinder not included, GO016 M20 500mm spindle also required, available separately).



UNIVERSAL SUPPORTING TOOL FOR THE REMOVAL AND INSERTION OF BEARINGS

GO018

- » Modular tool set for removing and inserting bearings and for inserting hubs
- » Suitable for use where hub and bearing are not integrated but separated. This tool set can also be used in combination with the removal and insertion tool set of hubs/bearings, silent blocks, etc.
- » Manual application with M20 screw (included in the tool set) or with 17-ton hydraulic cylinder - 43-mm stroke GO1017 (cylinder not included in the tool set - long screw is required).



UNIVERSAL BEARING RING PULLER

08100000

- » For the removal of bearings, races, sleeves etc.
- » Removes the need for cutting tools - greatly reduces bearing ring removal time.
- » Unique patented design - specially designed cutting edges on puller legs.
- » Legs are pressed into the radius behind the bearing ring.
- » Loose / Tight pulling principal means force is applied evenly at all points on the bearing ring.

Specifications:

- » Spread: 40-60mm Reach: 85mm

Spare Parts

08101500	Set of 3 Puller Legs	08101170	Bearing Ring Puller Screw
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SCAN ME

INNER BEARING REPLACEMENT KIT

GO020

- » 35-61mm.
- » Universal tool set for the replacement of inner bearings.
- » Puller features a unique gripping principle that can also be used on flush bearing inner rings that remain on the wheel hub during replacement of the wheel bearing.
- » When clamping with the clamping bell, the special cutting profile of the clamping sleeves penetrates even the smallest working gaps resulting from the production process, ensuring removal without slippage.
- » Works in places where the ABS pulse wheel is firmly attached to the wheel hub (e.g. VW Golf).

Supplied with:

- » 5 grippers suitable for the removal of bearings with a diameter of 35 to 61mm
- » The kit includes the bushing for mounting the mechatronic screw (GO1016).

Applications:

- » VW, Audi, BMW, Ford, Fiat, Mercedes, Opel, Renault, Peugeot & Volvo.



INNER BEARING REPLACEMENT KIT- XL

GO025

- » Ø60 - 80MM.
- » To remove the bearing inner rings which usually remain on the wheel hub when changing the wheel bearings.
- » New design for large bearing rings, which can't be removed with the kit GO020.
- » Unique gripper principle is effective even when the bearing ring is flush with the hub.
- » Universally applicable to cars and vans as well as for bearing rings in general.



COIL SPRING COMPRESSION

COIL SPRING COMPRESSOR C/W UNIVERSAL JAWS

08395000

- » Dismantles McPherson struts safe and easy and handles approximately 90% of all cars.
- » The large user-friendly and ergonomic adjusting handle makes manual positioning of the jaw fast and easy.
- » The jaws are secured with strong bolts and equipped with a lip which locks the spring during compression for improved safety.
- » Overload shear pin for safe operator use.
- » TUV approved - Safety Factor 4.
- » Maximum Load 1500kg.
- » Note: The use of Safety Wire 084000-01 is recommended when in use.



COIL SPRING COMPRESSION

EXTRA HEAVY DUTY COIL SPRING COMPRESSOR WITH UNIVERSAL JAWS

08400000

- » Safe working load 1800 KG (18000N).
- » Supplied with 1 x pair of universal MULTIPURPOSE jaws.
- » Patented innovative shape of jaw design fits most types and sizes of springs.
- » Protective high-tech inserts in jaw for added safety.
- » Jaws diameter 80-200mm covers 90% of applications.
- » Built-in protective accessory for vice clamping.
- » Large user friendly adjustable handle for fast jaw positioning.
- » Overload shear pin for safe operator use.
- » Range of specialist jaw options available.
- » TUV approved.
- » Supplied with full instructions and vehicle applications.
- » Note: The use of Safety Wire 084000-01 is recommended when in use.



Spare Parts

08400100	Jaws	08402400	Shear Pin
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SAFETY WIRE

084000-01

- » Safety Wire for Vice Mounted Spring Compressors.
- » Suitable for use with all bench mounted spring compressors.
- » New and durable wire for improved safety.
- » To ensure maximum safety the heavy-duty steel wire can be locked around the spring during compression to prevent the risk of injury.



JAW OPTIONS- SINGLE



08400500

- » Extra Small Jaw (80-120mm) for use with 08400000 and 08395000.



08400600

- » Jaws for conical springs (80-145mm) for use with 08400000 and 08395000.



08400900

- » Jaw for Mercedes E Class for use with 08400000 and 08395000.



08400800

- » Jaw for Mercedes C Class for use with 08400000 and 08395000.



08400700

- » Jaw for BMW 3 Series E46, E90, 5 Series E39, E60 & F10 and Renault Megane 2 & 3 for use with 08400000 and 08395000.



08401600

- » Jaw for Mercedes C Class W204/W205 and Mercedes E Class Coupe W207 for use with 08400000 and 08395000.



08402500

- » For Counter Clockwise Springs (145-195mm) typically found on Honda HR-V/CR-V and Prelude Vehicles for use with 08400000 and 08395000.

MECHANICAL COIL SPRING COMPRESSOR

GO340

- » Suitable as a removal aid for MacPherson spring struts, for rear axle springs and for broken springs.
- » Enables the removal of the spring strut from the clamping bore in the axle casing without additional removal of various axle components or without lowering the sub-frame (support frame).
- » Non-slip as each spindle has a right- and left-hand thread.
- » Saves considerable time and money, as there is no need for a complicated wheel alignment.

Technical data:

- » Max. load: 800 kg/8.000 N
- » Clamping width: Ø100 - 300 mm
- » Clamping range: short spindle 90 - 180 mm, long spindle 110 - 315 mm

Applications:

- » VAG Golf IV, V, VI, Touran, Passat, Audi A3, TT, Skoda Octavia, Seat Leon



UNIVERSAL STRUT CONTROLLER

GO355

- » The ideal solution for problems related to the assembly and disassembly of shock absorbers with a limit switch buffer.
- » Located inside the shock absorber, the buffer absorbs the shock ensuring the integrity of the shock absorber at the moment it reaches the end of its stroke.
- » Due to the universal clamp the stem of the cylinder remains in extension during the compression of the outer spring.

Technical data:

- » Stem: min. 12 mm - max. 28 mm
- » Material: Acetalic resin and aluminum (to protect the stem)
- » Thickness: 20 mm

Applications:

- » VW, Audi, Fiat, BMW, Mercedes, Citroen, Peugeot, Opel, Ford, Nissan, Toyota (models that are equipped with Bilstein shock absorbers)



UNIVERSAL PROTECTIVE CLAMP FOR STRUT INSERT PISTONS

084876V2

- » Fixes the piston rod in position when replacing coil springs.
- » Prevents the piston rod from being drawn back into the strut.
- » Includes 70mm pins for increased applications.



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COIL SPRING COMPRESSION

INTERNAL COIL SPRING COMPRESSOR

G0359

- » Designed for professional and safe compression of coil springs for wishbone and multi-link suspension.
- » (Not suitable for conical and cylindrical helical springs).
- » The inclination of the jaws adapts perfectly to the compression of the spring and guarantees a secure grip.
- » The safety dynamometric extension simplifies the positioning of the tool on the spring and prevents its overload (Max torque 40 Nm).

Applications (Rear Suspension):

- » Citron C1, C3, Kia Pincanto, Mitsubishi Colt, Peugeot 107, 207, 1007, Skoda Octavia, Skoda Roomster Scout, Suzuki Swift, SX4, Touota Aygo, VW Touran, BMW Series 3 (E91), Citroen C4, Mercedes Benz Calss C (W202), Honda Civic, Honda Stream, Kia Ceed, Mazda 3, Mitsubishi Shogun, Pajero, Renault Traffic, Skoda Fabia, Toyota Yaris, Volvo V70, VW Polo



MECHANICAL COIL SPRING COMPRESSOR WORKSTATION

38680000

- » Universal piece of equipment for assembling and disassembling struts and coil springs - suitable for Cars, 4WDs, Commercial Vehicles.
- » ALS Auto Leveling System - Auto leveling upper arms simplify working on conical and misaligned springs.
- » Brackets System - Front and side spring clamps designed for fast changeover using unique Brackets System.
- » Safety Guard - Fitted Safety Guard for operator safety and also allows strut to be safely left in-situ.

Contents:

- » Strut Vice
- » Safety Guards

Specifications:

- » Dimensions: 1400 x 540 x 310mm
- » Hex Drive: 19mm
- » Compression Force: 1600 kg (16000N)
- » CE approved
- » Working Stroke: 420mm

Features:

- » Heavy Duty Mechanical screw, suitable for use with Air Impact Wrenches and standard socket / wrench accessories.
- » Fitted with Heavy Duty Mechanical Components instead of Pneumatics
- » Ideal for mobile use or where air supply is not practical.



Examples of compression ratings - up to 1200kg

Vehicle	Model	Vehicle	Model	Vehicle	Model
FCA	Punto Evo, 500, Fiorino, Grande Punto, Panda, Kubo, Mito, Giulietta, Ypsilon	Kia	Picanto, Venga, Rio	Renault	Grand Scenic, Wind, Clio, Twingo, Captur, Modus
Chevrolet	Matiz, Spark	Lexus	RX, CT	Seat	Ibiza, Mii
Citroen	C1, C3, Ds3, C2, C3, Picasso	Mazda	CX-3, 2	Skoda	Citigo, fabia, Rapid
Dacia	Logan, Sandero, Duster	Mini	Cooper, Mini	Smart	Fortwo, Forfour
Ford	Fiesta, Fusion, Kia	Mitsubishi	Colt, Space, Star	Suzuki	Alto, Splash, Swift, Celerio
Audi	A1	Nissan	Cube, Pixo, Micra, Note	Tata	Nano
Honda	Insight, Jazz, Civic, Crz	Opel	Agila, Corsa, Adam, Karl	Toyota	Yaris, IQ, prius, Auris, Aygo
Hyundai	i20, i10, ix20, i30, Genesis, i40	Peugeot	206, 107, 208, Rcz, 207, 308	Volkswagen	Polo, Golf 4, Golf 5, Up!, Fox

PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION

NEW

385801SP

- » Universal piece of equipment for assembling and disassembling struts and coil springs - suitable for Cars, 4WDs and LCV's.
- » Automatic jaw leveling pivots to compensate and hold all coil springs including left hand coils.
- » Interchangeable jaws / vice to suit different springs.
- » Up to 2452kg of force (at 8 bar) at the touch of a pedal.
- » Full height steel safety gates.
- » Top arms and jaws adjust and lock to secure spring.
- » Unique double depth front plate allows safe work on extra long strut assemblies.
- » 4 x 10mm floor mounting holes for insurance company compliance.
- » Safety cut-out for de-activation of cylinder when safety guard is opened.
- » ALS Auto Leveling System - Auto leveling upper arms simplify working on conical and misaligned springs.
- » Brackets System - Front and side spring clamps designed for fast changeover using unique Brackets System. Aluminium Cylinder Can be used on extra-long shock absorbers (e.g. commercials) due to the long (330mm) stroke of the cylinder. Manufactured from light alloy and resin to eliminate risk of corrosion and internal parts failure.

Contents:

- » GO388- Upper Bracket
- » Bracket A: 78 - 130mm (38481200)
- » Bracket C: 105 - 182mm (38481400)
- » Strut Vice
- » Safety Guards

Specifications:

- » Dimensions: 1600 x 520 x 300mm
- » Max Working Pressure: 8 bar (116 psi)
- » Compression Force: 2452 kg (24500N)
- » Cylinder Stroke: 330mm
- » CE approved



Examples of compression ratings - more than 1200kg - less than 2000kg

Vehicle	Model	Vehicle	Model	Vehicle	Model
Audi	A3, A4, Q3, TT, A5	BMW	Series 1, Series 2, Series 3, Series 4, Series 5, X1, X3	Citroen	C4, C4, Picasso, C5, C-Crosser, Jumpy, DS4, Jumper
Chevrolet	Orlando	Dacia	Duster, Logan	Fiat/Chrysler	Doblo, 500L, Bravo, Fiorino, 159, Delta
Ford	Focus, Kuga, Fusion, Mondeo, C-Max	Honda	Accord, Civic	Hyundai	ix35, i30, i10, ix20
Kia	Ceed, Venga, Soul	Mazda	Cx-7, 3, 5	Seat	Leon
Mini	Cooper, Mini Countryman	Mitsubishi	Asx, Lancer, Outlander, Pajero	Nissan	Qashqai, Juke, Leaf, Cube
Peugeot	Rcz, 3008, 5008, 508, 607, 407, Partner	Renault	Fluence, Grand Scenic, Koleos, Megane lli, Kangoo, Laguna, Scenic, Espace, Latitude	Mercedes	Classe-B, Classe-A, Classe-C, E, Vito
Skoda	Yeti, Roomster, Superb, Octavia	Suzuki	Sx4	Toyota	Avensis, Prius, Verso, Auris
Vauxhall/ Opel	Astra, Insignia, Meriva, Zafira	Volkswagen	Golf 6, Scirocco, Polo, Caddy, Touran, Tiguan, Sharan		

Examples of compression ratings - more than 2000kg

Vehicle	Model	Vehicle	Model	Vehicle	Model
Audi	A5, A6, A8, Q5, Q7, A6	BMW	Series 6, Series 7, X5, X6	Citroen	Boxer
Fiat/ Chrysler	Ducato, Scudo, Jeep Cherokee, Jeep Grand Cherokee, Jeep Renegade, Jeep Wrangler, Freemont	Ford	EcoSport, Edge, S-MAX	Honda	Doblo, 500L, Bravo, Fiorino, 159, Delta
Hyundai	SantaFè, Tucson	Kia	Sorento, Spartage	Land Rover	Freelander, Discovery 4, Discovery Sport, Evoque, Range Rover
Lexus	RX, CT, GS, LS	Mazda	6, CX5, CX7	Mercedes	Classe-E, Vito, Classe-M, Classe-G, GLA, GLC, GLE, GLK, GLS, ML, Classe-V
Nissan	Qashqai	Peugeot	Expert, Traveller	Porsche	Cayenne, Macan
Renault	Trafi c, Megane Initial, Kadjar, Master	Ssangyong	Korando, Rexton, Tivoli	Suzuki	Sx4, Vitara, S-Cross, Jimny
Toyota	Land Cruiser, RAV4	Vauxhall/ Opel	Mokka, Antara, Vivaro, Movano	Volkswagen	Passat, Crafter, Touareg, T5, T6
Volvo	V50, C30, XC70, XC60, XC90				

COIL SPRING COMPRESSION

SUPER HEAVY DUTY PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION

NEW

387800SP

- » Universal piece of equipment for assembling and disassembling the strongest struts and coil springs on cars, 4WDs & LCVs.
- » Pneumatic spring compressor for passenger cars to transporters.
- » Comprehensive safety concept includes pneumatic cylinder, foot pedal, safety cage, shock absorber drop guard and pedestal to ensure maximum safety for the user.
- » The station includes one small clamping jaw, one medium clamping jaw, GO338 and a vice that allows the compression of almost all the coil springs of the market. Other optional special accessories are available.
- » Two clamping jaw mounts on the basic unit permit a maximum opening width of up to 350 mm. Particularly important for many current models with extra-long vehicle springs.
- » Mirror for viewing from above makes the piston rod easier to position during installation.
- » Protective cage with high-strength polycarbonate panels ensures a high level of protection in the event of incorrect operation or accidental splintering of the material.
- » The two infinitely adjustable upper gripper jaws can be set to the required coil diameter. They can be moved upwards and downwards, tilted and fixed in place for maximum adaptability to any type of spring.
- » The handles above the unit and the wheels make the unit easy to manoeuvre.

Specifications:

- » Basic unit 3.000 kg
- » Small clamping jaw, Ø 78 - Ø 130 mm
- » Medium clamping jaw, Ø 105 - Ø 185 mm
- » GO338 Upper Top Mount Bracket
- » Mirror with swan neck, magnetic
- » Transport module with 2 steel wheels
- » Cylinder stroke 330 mm
- » Vice clamping jaw for absorber tube, Ø 40-60 mm
- » CE approval for the unit documents the unit's conformity with 2006/42/EC (machinery directive)
- » Working pressure max. 8 bar



ACCESSORIES

- » All accessories are compatible with Sykes-Pickavant floor mounted coil spring compressors.

UPPER TOP MOUNT BRACKET

NEW

GO338

The new Upper Bracket is able to adapt to a vast number of applications since it is equipped with a rotating and universal plate with fixing holes and slots.

The design is ideal for;

- » Springs with a small number of coils; meaning that one more coil can always be tensioned automatically & simplifying dismantling and assembly operations.
- » The rotatable and fixable mounting plate is provided with a universal hole division. In addition, the holder between the arms can easily be tilted.
- » Suitable for use with Sykes-Pickavant Floor Mounted Coil Spring Compressors.

Applications: Nissan Qashqai, Renault Talisman, Megane, Master 3° Series, Kojar, Koleos, Peugeot 208, 3008, 5008, Tesla S, Bmw X1, X2, X3, X4, X5, Series 1, Series 2 Ford Transit, Mercedes Class A, B, C, E, Mini Clubman, Countryman.



TOP BRACKET PLATE FOR FORD MODELS

GO367

- » For use with our GO338, to maintain the contact position of the shock absorber top mount with the body.
- » For the new Ford Ranger all-wheel drive models.



NEW

COIL SPRING CLAMP

38580400

- » Tool to secure coil spring into lower bracket for use with the SP range of suspension workstations.
- » Designed to hold the coil spring still during initial compression and restrict twisting through the bracket.
- » Rubber dipped to prevent scratching the coil spring.



WORKSTATION SWIVEL JAWS - PAIR

385800-61

- » Mounts onto top arms in place of standard top jaws & contacts directly onto spring.
- » Jaw floats to follow changes in spring angle / profile during compression.
- » Constant contact with the coil spring surface area for increased safety.
- » Able to work on both left and right handed coil springs.
- » For use with the range of suspension workstations (38580000, 38680000).



WORKSTATION ARM EXTENDER-PAIR

385800-60

- » Mounts between original top arm and jaw attachment.
- » Use to extend the length of the top spring mounting jaw position.
- » Can be used singly to provide 10mm extension or as a pair for 2 x 10mm extension.
- » For use with the range of suspension workstations (38580000, 38680000).



DOUBLE DEPTH DROP VICE

38480700

- » For use with the range of suspension workstations (38580000, 38680000).
- » For use with extra long strut assemblies.
- » Chrysler Voyager.



For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



COIL SPRING COMPRESSION

BRACKET OPTIONS



38481200

- » Standard Bracket (A).
- » For use with the range of suspension workstations (38580000, 38680000).
- » Size: 78-130mm.



38481400

- » Standard Bracket (C).
- » For use with the range of suspension workstations (38580000, 38680000).
- » Size: 150-182mm.



38481600

- » BMW Base Coupe 2-Door 2003 - 2011, Base Sedan 4-Door 2003 - 2011, xDrive30i Sport Utility 4-Door 2007 - 2010, 3.0si Sport Utility 4-Door 2007 - 2008.
- » Compatible with adaptor bracket set 38780100 for a new quick fitting system.



GO328

- » Large Bracket.
- » From Ø 125 to Ø 205 mm.
- » Up to 2.5 Ton.



38480200

- » Upper Jaw set for high compression springs (Toyota /Honda etc).



38480600

- » Nissan Qashqai Bracket.
- » For use with the range of suspension workstations (38580000, 38680000).



38480500

- » Mercedes C Class Bracket.
- » Optional Accessory for use with Suspension Workstations.

ADJUSTABLE STRUT SUPPORT PLATE

38480300

- » Optional extra for use with Suspension Workstations.
- » Height adjustment plate for supporting strut assembly.



JAW HOLDER

38580200

- » For use with 3858 and 3868 workstation brackets.
- » Includes 3 x hanging hooks and 4 x slots for brackets.
- » Provides a tidy and safe storage solution.



WORKSTATION COVER

3858COVER

- » For protection of the 38580000 Coil Spring Compressor Workstation when not in use.



MINI SUSPENSION COMPRESSOR

66033000

- » For use on BLMC Minis fitted with rubber cone suspension units.
- » Supplied with both Metric & Imperial extension screws, to cover all applications.



SHOCK ABSORBER TOOL KIT

08921000

- » 39 piece tool kit to aid in the repairing and replacement of shock absorbers.
- » Enables the piston rod to be held whilst allowing the nut to be loosened or tightened.

Applications:

- » Will cover most popular European & Asian.



TOOL FOR SHOCK ABSORBER WITH OVAL PIN

GO384

- » Ideal for retaining the shock absorber strut during the assembly and disassembly phase of the rear shock absorber upper support. It lets you hold the piston strut up when loosening the fixing nut on the bearing of the support.
- » Suitable for all shock absorbers with oval pin.
- » With 2 different sizes per tool: 5x8mm and 6x9mm.
- » Safer and easier to handle than locking pliers.
- » For use on VW, Ford, Opel and Audi Vehicles.



NEW

MACPHERSON STRUT SUPPORT

GO316

- » For use with transmission Jack.
- » Can be used to support the shock absorber when the suspension arm is removed. The shock absorber support is used together with a standard transmission jack. It is used to prevent the shock absorber from sinking when removed from the handlebar arm.

Includes:

- » Macpherson Strut Support
- » Safety bracket 80mm
- » Reduction for strut support 60mm
- » Ø25mm adapter
- » Ø30mm adapter



NEW

STUB AXLE LIFTER

GO366

- » Allows the suspension axle to be raised and lowered to the required position using a transmission jack.
- » The universal wheel hub holder is V-shaped and therefore can be fixed on the bolts of all hubs, designed to be coupled with the bolts that secure the wheels.
- » The kit includes the adaptors for transmission jack piston rod Ø 25 and 30mm.

Specifications:

- » 330 kg - Max Load
- » M16 - Max Thread
- » Total length: 225 mm
- » Assembly: Ø40mm
- » Tilt angle: ± 46 ° (forwards & backwards)

Applications:

- » Disassembly and assembly of the upright and the support joint or trapezoid of the suspension cross arm.
- » Load bearing test according to manufacturer specifications to highlight noise.



STEERING & SUSPENSION

TIE ROD WRENCH



08683000

- » Inner tie rod multi grip plier for adjusting tie rods on vehicles with rack and pinion steering.
- » Works on most spline, hex and flat design tie rods.
- » Spring-loaded upper pivots to tie rods from 14mm to 23mm.
- » Two lever lengths for maximum power and reach.

Specifications:

- » Grip width: 40 mm
- » Lever length: 260 - 390 mm
- » Grip diameter: 14 - 23 mm

MERCEDES REAR AXLE ALIGNMENT WRENCH



08084000

- » Alignment wrench for Mercedes rear axle alignment.
- » Universal fit for most Mercedes.
- » Adjust rear axle toe without removing plastic under body cover.
- » Avoids damaging plastic fasteners.

ECCENTRIC TURN CHUCK SET

08685000

- » 1/2" Drive for Maximum Power.
- » Special tool for servicing tie rod ends.
- » Tool opens both ways to allow universal usage for easy tie rod replacement or wheel alignment.



SUSPENSION REMOVAL AIDS

VENOM™ INDUCTION HEATER

96040000/960400SP

Generates Invisible Heat® to release corroded and thread locked metal components without the danger of an open flame.

1 kilowatt input - 1 kilowatt output.

- » **Angled Design with Trigger:** Lightweight, ergonomic design allows for induction heat to access hard to reach places more easily.
- » **Coil Twist Lock™:** Coils now lock down with one simple turn (no more thumb screws).
- » **LED Usage Indicator:** A red LED will light under fault conditions and green LED lights while the trigger is active and the tool is heating properly.
- » **Fault Override Delay:** Any event that causes the red LED to illuminate will protect the tool by starting a three second lock out.
- » **Fan Operation Enhancements:** The fan continues to run after the trigger is released to aid in thermal cycle time reduction and will stay powered when the thermal switch opens to aid in cooling the tool.
- » **User Controlled LED Switch:** As long as the tool is powered and the internal power supply is operating, the LED will remain lit when the switch is on.



Part no.	Includes
96040000	Venom™ Induction Heater, 1 x Coil, 1 x String, 1 x Bearing Buddy
960400SP	Venom™ Induction Heater, 1 x U-Form Coil, 1 x Bearing Buddy PLUS 9 preformed coils from 4" - 10" long, up to 1 1/2" diameter

INCLUDES THREE YEAR WARRANTY

SP INDUCTION HEATER RANGE

The SP Induction Heater + is a redesign and upgrade of the popular Mini-Ductor II® and uses new engineering technology for increased energy efficiency and ease of use. Now you can use the power of technology with a flameless heat to quickly release corroded or seized components and other metallic parts. All without the damage normally associated with gas torches. Heats in seconds!

Features:

- » Operates cooler for better efficiency, handling and product longevity.
- » Long operating cycle time.
- » Carry Case; with storage for all attachments, fits in tool chests for security.
- » Integrated CE filter improves handling of product.
- » LED work light illuminates work area.
- » 1 year warranty - Parts/Labour.

Part no.	Power Rating
96021100	UK/EU Site Work (Construction/Factory) - 110v / 6 amp / 1000 watt
9602012V	12v Battery Use - 12v / 70amp / 840watt

96021100

110V



FOR USE WITH 110V TRANSFORMERS (NOT INCLUDED)

9602012V

12V



INDUCTION HEATER COILS

- » For use with Induction Heaters above.
- » For use with 1KW of power.

Part no.	Product Description	Coil Quantity	Sizes (mm)
96013000	Interchangeable Coils	3pc	19, 21, 26
96015000	Interchangeable Coils	8pc	19, 22 x 2, 26 x 2, 32, 38, 45
96026000	Rope Coil	1pc	762 (length)
960260SP	Rope Coil	3pc	762 (length)
96016000	Thin Wall Coil Pack	4pcs	19, 21, 22, 25
96035000	Extra Long Preformed Coils	8pc	19, 22 x 2, 26 x 2, 32, 38, 45



96013000

96015000



96026000



960260SP



- » Note: All Single Coils available - see website for further details.

SP HEAT PAD

96025000

- » Removal of decals, graphics, stripes, emblems and body moulding etc.
- » Softens the adhesive to make removal simple and effective.



HEAT RESISTANT INSULATION MAT

96035000

- » The heat resistant mat helps extend the life of rope coils by preventing abrasion and overheating of the coil.
- » Dimensions: 152 x 305 mm



SUSPENSION REMOVAL AIDS

HEAVY DUTY INDUCTION HEATERS

NEW

- » Induction heating is a non-contact method that can be used to heat metals. The induction heater creates an alternating magnetic field that generates induced currents within the material. It is these induced currents that generate heat.
- » The absence of open flames makes work easier, while ensuring safety and economic savings at the same time.
- » It allows you to work in close proximity to heat-sensitive parts.

Heat inductors are ideal for a wide range of applications such as:

- » Releasing seized/heavily corroded bolts/nuts
- » Remove or replacing pins or bearings
- » Heating for straightening
- » Preheating before welding
- » Bending
- » Thermal Applications



Part no.	Product Descrip.	Input Power	Voltage	Frequency	Work Cycle
GO1470	Induction Heater with Inverter 18KW	18KW-32A	400v 3PH+T 50	15-30KHZ	N/A
GO1471	Induction Heater with Inverter 13KW	13KW-32A	400V 3PH+T 50	15-30KHZ	N/A
GO1472	Induction Heater with Inverter 8KW	18KW-16A	230V 3PH+T 50	15-30KHZ	N/A
GO1473	Induction Heater with Inverter 5KW 3 Phase	5KW-16A	400V 3PH+T 50	15-30KHZ	30 mins*
GO1474	Induction Heater with Inverter 2.7KW	2.7KW-16A	230V 3PH+T 50	15-30KHZ	9mins*
GO1475	Induction Heater with Inverter 5KW Single Phase	5KW-16A	220V 1 PH+T 50	15-30khz	30mins*

» * ± 5% ambient temperature maximum power.

HGV

HGV SPLIT BUSH MASTER KIT

GO1310

- » Use this tool kit to remove and refit slotted bushes properly. The slight conical grinding makes it possible to extract and reuse bushes without damage.
- » The tools may be fitted directly on the vehicle without removing entire axle components. Press pieces may also be used on the workshop press.
- » The kit includes a wide selection of the most common applications with high market coverage.
- » Due to the large force required for removal, the use of a hydraulic cylinder is recommended.

Applications:

- » Ø 75mm MB Actros (stabilizer)
- » Ø 70mm MAN
- » Ø 68mm MAN (front spring) ROR, SAF
- » Ø 66mm IVECO Eurostar (driver's cabin)
- » Ø 65mm MB Actros (stabilizer), Atego
- » Ø 63mm DAF
- » Ø 60mm MB/IVECO Eurostar (stabilizer), Renault Kerax, Magnum, Premium (leaf spring eye)
- » Ø 58mm MB 3229 B, 652, 650/Volvo
- » Ø 56mm IVECO Eurostar (driver's cabin)

Note: Also available with Hydraulic Cylinder, P/N: GO1310R



SAF PIVOT BUSH TOOL

 08799000

- » For use on SAF Axle Pivot Eye Bush for IU or IO IDP Intradisc Plus & Integral Axles.
- » The 3D bush is an integral component that is pressed into the suspension arm to absorb wheel, side tilt and braking forces for greatly increased handling and stability.
- » Easily remove and install SAF pivot bushes with the aid of an impact wrench.
- » No separate tool needed for removal of the old bushes.



HGV HUB PULLER KIT

 21027500

- » Variable pitch circle diameter up to 445mm.
- » To suit wheel stud sizes commonly found on DAF, MAN, MERC, RENAULT, SCANIA & VOLVO models.

Contains 5 x thread adaptor pairs;

- » M18 x P1.5 x 65mm/L » 7/8" - 11 BSF
- » M20 x P1.5 x 65mm/L » 7/8" - 14 UNF
- » M22 x P1.5 x 65mm/L



ADD-ON PULLER SET

 21027600

- » Use with 21027500 to provide internal / external pulling.
- » Includes two pairs of setting sleeves to ensure pulling length is equal for each leg; less time is spent leveling nut position.



HGV HYDRAULIC WHEEL PULLER

FOR USE ON INNER AND OUTER WHEELS

 20880000

- » Designed specifically for the removal of 10 stud 22.5" HGV wheels.
- » Pulls inner and outer wheels on twin or single wheel hubs.
- » 12 tonne hydraulic force dislodges the most difficult of seized rims.
- » Suitable for alloy or steel wheels (soft coated hook sets required for use on alloy wheels - available to purchase separately).

Features:

- » 12 tonne hydraulic ram system
- » 2 Spigot ring sizes for most popular applications – 281mm & 221mm
- » 4 high strength chains and 2 hook types specially designed for internal and external pulling applications
- » Includes adjustable height trolley



INCLUDES
ADJUSTABLE HEIGHT
TROLLEY



**Soft coated hooks shown but not supplied - available separately*

Spare Parts			
Part No.	Description	Part No.	Description
20881170	Inner Hook	20880170	Ram
20881270	Outer Hook	20871200	Main Beam
20871870	Cross Beam	20871300	Chain Set
20871970	Large Ring	20872000	Spacer Rods Set
20872170	Small Ring	20872300	Bung Assembly
20873000	Trolley		

SOFT COATED HOOK SETS

- » For use with 20880000 HG
V Hydraulic Wheel Puller for alloy wheels.

20882400



20882200



Part no.	Description	Part no.	Description
20882200	4pc. Internal Hooks	20882400	4pc. External Hooks

WHEEL BEARING SET XXL BASIC

GO019

- » Set for the disassembly and assembly of $\varnothing 85$ -99 mm wheel bearings and for the installation of the wheel hub directly on the vehicle or with the help of a workshop press.
- » It is an addition to the GO015 wheel bearing kit and is designed to house the components of both sets.
- » 3-Part Pressure Element - for an exact fit on the inner bearing.

Applications:

- » Ideal for wheel hubs and bearings on large vehicles
- » Can be used on silent blocks / bushings / sleeves etc

Bearing Installation / Workshop Press:

- » Bearing installation - pressure on the bearing outer ring

Workbench or Directly on the Vehicle:

- » Hub installation - pressure on the bearing inner ring



Contents		
Description	Description	Description
Bearing Pressure Ring - $\varnothing 85.8$ mm	Bearing Centering Ring - $\varnothing 44.5$ mm	Centering Device for supports $\varnothing 95$ - $\varnothing 100$ mm
Bearing Pressure Ring - $\varnothing 87.5$ mm	Bearing Centering Ring - $\varnothing 48.5$ mm	Pressure Ring for Press
Bearing Pressure Ring - $\varnothing 89.5$ mm	Bearing Centering Ring - $\varnothing 49.5$ mm	Guide for Bearing
Bearing Pressure Ring - $\varnothing 91.5$ mm	Bearing Centering Ring - $\varnothing 50.5$ mm	M20 x 1.5 screw 300L
Bearing Pressure Ring - $\varnothing 95.5$ mm	Bearing Centering Ring - $\varnothing 53.5$ mm	Nut/Bearing
Bearing Pressure Ring - $\varnothing 97.5$ mm	Bearing Centering Ring - $\varnothing 57.5$ mm	M20 x 1.5 50L Nut
Bearing Pressure Ring - $\varnothing 99$ mm	Support - $\varnothing 95$ mm	
Bearing Centering Ring - $\varnothing 43$ mm	Support - $\varnothing 100$ mm	

INNER BEARING REPLACEMENT KIT - XL

GO025

- » $\varnothing 60$ - 80mm
- » To remove the bearing inner rings which usually remain on the wheel hub when changing the wheel bearings.
- » New design for large bearing rings, which cannot be removed with the kit GO020.
- » Unique gripper principle is effective even when the bearing ring is flush with the hub
- » The bearing ring is held firmly on the entire circumference and removed without tilting
- » Universally applicable to cars and vans as well as for bearing rings in general (e.g. gears etc).



Contents
Description
Basic Unit including Spindle M22 & Pressure Cone (5 pcs)
1 x Clamping sleeve Gr. 1 $\varnothing 60$ - 64mm e.g. for Mercedes W201, W202, W203, W210, W214, BMW, Peugeot
1 x Clamping sleeve Gr. 2 $\varnothing 64$ - 68mm e.g. for Mercedes W163, W140, W169, W211, W220, W245, W124T
1 x Clamping sleeve Gr. 3 $\varnothing 68$ - 72mm e.g. for VW Touareg, Porsche Cayenne
1 x Clamping sleeve Gr. 4 $\varnothing 72$ - 76mm e.g. for Mercedes ML164, ML166, Renault, Master, Opel Movano, Nissan NV400 (2010+)
1 x Clamping sleeve Gr. 5 $\varnothing 76$ - 80mm e.g. for VW/Audi with bolted wheel bearing
2 x Spanner
1 x High-performance spindle lubricating grease

- » The Sykes Pickavant Hub Puller range comprises of a wide variety of puller types, all using interchangeable components - whether Hydraulic, Impact or Mechanical.
- » All parts can be used in more than one format, providing flexible pulling options and value for money.
- » Mechanical kits include a heavy duty force screw and hydraulic kits include a 1800 Ram.

HUB PULLER PLATE

08520800

- » Universal hub puller plate with 8 slots for maximum coverage.
- » Plate Diameter 145mm. » Stud Range 84-140mm.
- » Suitable for use with Hydraulic Ram 180000V2, Mechanical Screw 12731100, Slide Hammer 08520900 with adaptor 08531270.



NEW

HYDRAULIC HUB PULLER 12T

08521800

- » Universal hub puller plate with 8 slots for maximum coverage.
- » Plate Diameter 145mm. » Stud Range 84-140mm.
- » Supplied with 180000V2 - 12T ram for hydraulic removal where more power is required.
- » Ensure Ram is well lubricated before use.



SLIDE HAMMER HUB PULLER KIT

08521900

- » Universal hub puller plate with 8 slots for maximum coverage.
- » Plate Diameter 145mm. » Stud Range 84-140mm.
- » Supplied with 08520900 Slide hammer with 5KG / 10lbs weight (plus 08531270 adaptor).



MECHANICAL HUB PULLER KIT

08522000

- » Universal hub puller plate with 8 slots for maximum coverage.
- » Plate Diameter 145mm. » Stud Range 84-140mm.
- » Supplied with 12731100 force screw, suitable for use with air tool .
- » (Ensure force screw is well lubricated before use).



MASTER HUB PULLER KIT

08522500

- » Universal hub puller plate with 8 slots for maximum coverage.
- » Plate Diameter 145mm. » Stud Range 84-140mm.

Supplied with:

- » 180000V2 Hydraulic Ram » 12731100 Force Screw
- » 08520900 Slide Hammer » Metal tin
- with 08531270 Adaptor



HUB PULLERS

HUB PULLERS

- » Can be used on a variety of wheel stud patterns.
- » Leg reach: 160 mm.
- » Spread capacity: 100-180 mm.
- » Stud hole diameter: 18mm.
- » Puller plate thread 1.1/2" BSW.
- » Can be used with a slide hammer (08520900) for greater impact force.

Part no.	Description
12740300	Mechanical Hub Puller - 3 Legs
12740500	Mechanical Hub Puller - 5 Legs
12741300	Hydraulic Hub Puller - 3 Legs
12741500	Hydraulic Hub Puller - 5 Legs
12742300	Hub Puller Body & 3 Legs
12742500	Hub Puller Body & 5 Legs



NEW

HEAVY DUTY SLIDE HAMMER ASSEMBLY (5KG)

08530900

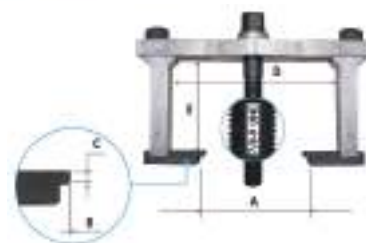
- » For when greater impact is required.
- » Hub pullers can be further enhanced when using this heavy duty tool, which is fully compatible and can be fitted directly into the Puller Ring Plate.
- » Slide Hammer Shaft Thread - M20 x 2.5.
- » Adaptor Thread - 1 1/2" 16tpi Whitworth.
- » Full Length - 840mm.
- » Working Length - 700mm.



INTERNAL HUB EXTRACTOR SET

GO046

- » For the quick and safe removal of hubs, compact hubs and bearings without locking ring.
- » The tool can be easily assembled in different configurations according to the characteristics of the hub or hub and bearing to be removed.
- » The set includes 3 different pairs of support feet, a sturdy bar support and a spindle with bearing, all components capable of guaranteeing a high thrust force.
- » The set is an excellent addition to the GO015 wheel bearing extraction set.



Component	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
Structure	-	-	-	Min - 12 Max - 22	Min - 7 Max - 11
Foot 1	13.5	15	5.2	-	-
Foot 2	13.5	15	2.1	-	-
Foot 3	13.5	14.5	5.2	-	-

UNIVERSAL HUB PULLER & DRIVE SHAFT KIT

GO065

- » Universal kit for pressing out, pulling in and separating drive shafts as well as disassembling/assembling wheel hubs.
- » Suitable for vehicles such as SUVs & transporters with an M14 wheel attachment and bolt circle of up to $\varnothing 136\text{mm}$.
- » The anti-swivel puller is suitable for common nuts and bolt-secured drive shafts (e.g. VW and Audi).
- » Use the tools contained in the kit for proper assembly and disassembly procedures. Furthermore, components such as wheel bearings, silent blocks and ball joints, for example, will be preserved.
- » Optimized hole pitch for maximum coverage of models within the market (for 2, 3, 4, 5 and 6-hole bolt pitch on hubs).
- » The adaptors contained in the kit allow the use of CV joints, secured both by nuts (usually the common ones) and bolts (e.g. VW/Audi).
- » When an extreme force is required, max 17 Tonne, use mechadraulic screw GO1016 or hydraulic cylinder GO1061 (optional).



UNIVERSAL HUB PULLER & DRIVE SHAFT SET - BASIC

GO010

- » For pressing out seized and bonded drive shafts and for removing the wheel hub.
- » Considerable time savings - no damage to the thread - wheel bearing is not damaged.
- » Optimised hole pitch for maximum coverage of models within the market.
- » Suitable for 2, 3, 4, 5 and 6-hole bolt pitch on hubs with stud bolts and wheel bolts.



Contents	Description
1 x Extractor with Mounting Thread	1-1/2"-16G
1 x Reducing Adapter Ring for mechanical spindle	1-1/2"-16G x M22x2.0
1 x Mechanical Spindle	M22x2
1 x Pulling Flange	96-142 mm for 3, 4, 5 and 6- hole bolt hub, for M12/M14 bolts
5 x Conical Washers	
1 x Solid Lubricant Paste	

DRIVE SHAFT DISASSEMBLY TOOL

GO068

- » It is possible to remove the drive shaft inserted in the gearbox, with the use of this tool.
- » Insert the tool between the drive shaft and gearbox. Then, with a slight slide hammer hit, the fixing circlip, found in the gearbox, is broken.
- » The difficult position of the fixing circlip is avoided by the forks central traction, allowing the user to easily unlock the drive shaft.



For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



GENERAL SUSPENSION TOOLS

HEAVY DUTY SLIDE HAMMER

GO520

- » For driving out components and straightening jobs on bodywork with extra tough heavy-duty design and practical handles.
- » 8 tonne (approx.) maximum force.
- » Loosens even the tightest connections; pressed or rusted in.
- » Suitable for removing injectors, wheel hubs, supporting joint etc.

Specifications:

- » Weight: 9kg
- » Length: 770mm
- » Connection Thread: M18 x 1.5



SLIDE HAMMER - 9KG NON-IMPACT

GO530

- » Suitable for removing the locked mounted parts with maximum force and for repairing bodywork.
- » The new version includes anti rebound metal balls to increase impact transmitted to the part being removed.
- » This version also fits support joints.

Applications:

- » Injectors, hubs, support joints, bodywork

Specifications:

- » Weight: 9kg
- » Total Length: 770mm
- » Connection Thread: M18 x 1.5, M22 x 2.0



HEAVY DUTY SUSPENSION HOOK

GO528

- » For use with GO520 & GO530.
- » Heavy Duty Suspension Hook for use with slide hammers when repairing axles and bodywork.
- » The extra wide version is ideal for loosening connections on the wishbone (ball joint / clamping bore) and wheel bearing housing with inserted spring struts.
- » Also ideal for straightening work on columns A, B or C due to the bracket profile.

Specifications:

- » Connection thread: M18x1.5
- » Hook Width: 40 mm
- » Total weight: 2.34 kg
- » Internal height: 110 mm

Applications:

- » Ford Mondeo, Mercedes-Benz Vito front axle etc



ADAPTOR SET FOR HEAVY DUTY SLIDE HAMMERS

GO521

Supplied with 4 x Commonly used slide hammer adaptors:

- » System adaptor tool, M18 x 1.5 with mounting bore (jointed connection) for universal hooks, double extractor hooks, bow hooks, bodywork pull clamps etc. Suitable for Muller /Klann /KS /Pichler.
- » 1 x system adaptor tool, M18x1.5/1-1/2 inch x 16 for wheel hub puller. Suitable for Muller /KS /Pichler.
- » 1 x universal adaptor with ball joint, M18x1.5, for use between the slide hammer and the tool, enables work in hard-to-reach places. Suitable for all systems.
- » 1 x system adaptor tool, M18 x 1.5/M22x2.0, for wheel hub puller. Suitable for Facom.



15000V2 SERIES 8 TONNE HYDRAULIC RAM

15000V2

- » New design includes pre-loading 30mm hex, 2" extension and foam cut out for storage.
- » 1 1/2" thread.
- » Grease filled.
- » Direct force improves stability under load.
- » Provides maximum withdrawal force of 80kN.
- » New hex head makes it possible to increase pre-load capability up to 4 tonnes (with the use of a 30mm wrench).
- » When hydraulic power is applied, the full force is achieved with little loss of ram travel.
- » As the workpiece starts to release, more stroke and power can be applied to ensure a good safe removal.



Contents

Qty	Description
1	Hydraulic Ram
1	2" Extension
1	Nose Piece (15002700)



Supplied in box with foam insert to protect the thread when not in use.

MANUAL FORCE SCREW & SHOCK HANDLE

12735000

- » Converts 1500 series hydraulic pullers to mechanical, using forcing screw and shock handle.
- » In addition the Impact screw contains a floating plunger which can be tensioned with a hammer or air tools to give the additional benefit of a shock action. This assists the release of stubborn joints or taper fits.
- » Can be used with the hub puller range.

Contents:

- » Shock Handle 203mm (08251900)
- » Impact Force Screw 285mm 1.5"x16 BSW (12731100)



Note: If using with air tools - ALWAYS GREASE SPINDLE

GENERAL SUSPENSION TOOLS

1800 SERIES 12 TONNE HYDRAULIC RAM

180000V2

- » Includes pre-loaded 30mm hex.
- » Includes: 2" extension and foam cut-out for storage.
- » Standard power unit for SP suspension products and is 50% more powerful than the original SP1500 Series 8 tonne ram, creating reliable power for tough applications.
- » Can achieve up to 4 tonnes of mechanical force prior to hydraulic operation.
- » Diameter 1 1/2".
- » Thread 16tpi Whitworth.
- » **N.B. Due to the thread being the same as the 1500 series ram it can be used with our hydraulic puller range but all of the components in that range are rated at 10T and so if you chose to use this ram it is at your own risk and Sykes Pickavant cannot be held responsible for any accidents or component damage.**



SUSPENSION WEAR INDICATOR

08085000

- » An innovative tool for detecting faults in suspension joints/struts, wheel bearings, stabilizers, bushes and ball-joints, steering gear and links.



UNIVERSAL SUSPENSION ARM LEVER

08080000

- » For lowering of the suspension arm and the separation of suspension components.
- » Reduces the effort required, due to the unique design which uses leverage and the technicians own bodyweight to create the force required.
- » Adjustable, multi-position swing point allows for variable applications both LH & RH.



CV JOINT PULLER

08090000

- » Specialist tool for the removal of CV Joints on front wheel drive cars.
- » Avoids the need to remove the entire front axle.
- » No need to use a hammer reduces risk of damage to the drive axle.
- » Approved as a special tool by VW Group - Audi, Seat, Skoda, VW.
- » Hole - Internal Diameter - 30mm.
- » Working Dimension - 104mm.



VW ALLOY 4 LINK SUSPENSION BOLT REMOVER SET

08041000

- » Simple tool to use with vibro-impact air hammer (90206000) when bolt ends protrude from housing.
- » Sleeve guides the impact end to free off and push bolt through the housing.
- » Extension adaptor for removing bolts when pushed deep in the housing.



VIBRO-IMPACT® AIR HAMMER

90206000

- » A unique concept to aid the removal of seized suspensions parts.
- » Controlled application of force via an air powered impact hammer.
- » Allows the operator to control and gradually increase the force being applied.
- » Built in shock absorber.
- » Low vibration for user comfort.



INSERTS

Part no.	Description	Image	Part no.	Description	Image
90221000	Tie Rod Separator Bit		90223000	Ball Joint Separator Bit	
90222000	Hammer Bit		90228000	1/2" Sq Drive Bit	
90238500	Concave Hammer		90236200	Chisel-Separator	
90236100	Sheet Metal Cutter		90237500	Exhaust Chisel Set (set of 2)	

HEAVY DUTY VIBRO-IMPACT® AIR HAMMER

90245000

- » The heavy duty Vibro-Impact® air hammer is for applications including loosening tight connections on vehicles such as HGVs, agricultural and construction vehicles.
- » The high performance air hammer helps to disassemble conical seat connections, wheel bearings, bushes, rusted screw connections etc.
- » A unique concept to aid the removal of seized suspension parts.
- » The Vibro-Impact system allows for the controlled application of force via an air powered Impact Hammer.
- » Allows the operator to control and gradually increase the force being applied, in order to loosen seized components.
- » Features a built-in shock-absorber in order to minimise risk of damage if too much pressure is accidentally applied. Low vibration for user comfort.

Specifications:

- » Weight: 5.40kg
- » Length: 380mm
- » Air supply: 6.2bar (90psi)
- » Air usage: 210 ltrs / min
- » Stroke: 2500 bpm



INSERTS

Part no.	Description	Image	Part no.	Description	Image
90245300	Tie-Rod Insert		90245700	Concave Insert	
90245500	Hammer Insert		90245900	Pin Insert	
90245100	Chisel End Bit				

4 pack also available as part number 902400SP

Part no.	Description	Part No.	Description
902450SP	With Chisel Insert	902455SP	With Hammer Insert



BRACING



BRAKE BLEEDING

AUTOMATIC BRAKE PRO BLEEDERS

- » Professional brake bleeder available in 2 configurations and 2 possible power supply modes, fully electronically managed and designed with one goal : reliability and robustness.
- » LCD color screen and user-friendly 4 button touch panel.
- » Bleeding with adjustment from vacuum 0.5 bar to pressure 4,5 bar (7 to 65 psi).
- » Automatic levelling of the master cylinders reservoir.
- » Automatic stop when the new DOT drum/can is empty.
- » Many safety functions such as automatic stop when the bleeder detects an abnormal pressure.
- » Works for brake and clutch bleeding.
- » Interchangeable drum/can and flushing mode for different DOT use.
- » Flexible length: 5m.
- » Includes EU standard master cylinder cap adaptor (34301400-P).
- » Includes retrieving bottle for old fluid with nipple adaptor and chain.
- » Powered from the 12v battery, or an accessory power adaptor can be used.



34313000



34313500

12V AUTOMATIC BRAKE BLEEDER- 3.5 BAR

343001V2

- » Allows one man operation for brake and clutch bleeding.
- » Compatible with ABS systems.
- » 12v powering with reverse polarity warning.
- » Stainless steel body.
- » Includes pump with automatic shut off valve.
- » 5L reservoir with visible (min) level indication.
- » Auto power OFF when min level reached.
- » Large reservoir opening for easy cleaning.
- » Includes 34301400-P Plastic SP Euro cap - angled screw type for popular vehicle connection.
- » Power cable for brake fluid with quick coupling system (Length: 4m).
- » Regulator: 0-3.5 bar. » 4 x Wheels (2 x Front Swivel).



240V ELECTRIC BRAKE BLEEDER - 4 BAR

34400500

- » Allows one man operation for brake and clutch bleeding.
- » Compatible with ABS systems.
- » Rugged impact resistant moulded housing.
- » Long supply hose (3.2 metres) allows for use with vehicle raised on a ramp.
- » Adjustable pressure output from 0 - 4 bar to suit vehicle.
- » Large internal storage area for brake fluid containers up to 10 litres.
- » Includes 34301400-P Plastic SP Euro cap - angled screw type for popular vehicle connection.
- » Additional range of caps available.
- » Maximum Pressure: 4 bar.



» The '343' range of brake bleeder caps are compatible with both older & newer Sykes Pickavant electric brake bleeders: 03580000, 34300100, 343001V2, 34400500, 34313000 & 34313500.

STARTER CAP SET

34303000

Includes:

- » 34301000 - Fiesta Cap
- » 34301100 - Nissan / Asian Cap
- » 34301500 - Euro Standard Cap



BRAKE BLEEDER CAP SET

34305000

Includes:

- » 34301000 - Fiesta Cap
- » 34301100 - Nissan / Asian Cap
- » 34301200 - Pixo / Matiz Cap
- » 34301300 - Micra Cap
- » 34301500 - Euro Standard Cap



NISSAN BRAKE BLEEDER CAP SET

N3580000

- » Approved by Nissan Motor GB Ltd.
- » Includes five brake bleeding caps and convertor that is compatible with common brake bleeders.

Includes:

- » N3580100 - Micra/Leaf
- » N3580200 - Juke
- » N3580300 - Qashqai/Navara
- » N3580400 - Pixo
- » N3580500 - X Trail
- » N3580600 - Converter
- » N3580700 - Cap Seal Set



BRAKE BLEEDING CAPS



34301000

- » Cap Adaptor - Chevrolet, Daewoo, Ford, Mazda, Opel/Vauxhall, Ford Fiesta.



34301200

- » Chevrolet, Nissan, Renault, Suzuki, Pixo & Matiz (Bayonet Type Cap).



34301800

- » Mitsubishi models - L200 2014 onwards, outlander 3 2012 onwards.



34301600

- » Mitsubishi (75mm) and Volvo.



34301300

- » Nissan Micra (Bayonet Type Cap).



34302000

- » Subaru, Toyota, Lexus (Bayonet Type).



34302200

- » Restricted Access - Hyundai, Kia & Nissan.



34302400

- » Asian Bent - Hyundai, Kai, Renault.

BRAKE BLEEDING



34302500

- » Ford Ranger, ER/EQ.



34302600

- » Ford Ranger TKE.



34302800

- » Tesla Model S & X.



34302900

- » Tesla Model 3 & Y.



34301100

- » Cap Adaptor - Chrysler, Citroen, Fiat, Hyundai, Kai, Mazda, Mitsubishi, Nissan, Peugeot, Renault, Subaru, Suzuki, Toyota, Nissan & Asian (Bayonet Type Cap).



34302100

- » Cap Adaptor - Chrysler - 300C Touring, Sedam, Neon, PT Cruiser, Viper, Voyager LE, SE, LX, Fiat, Jeep - Cherokee, Grand Cherokee, Wrangler, Wrangler Sport.



34301400

- » Cap Adaptor - Alfa Romeo, Audi, BMW, Citroen, Dacia, Fiat, Ford, Jaguar, Land Rover, Mercedes-Benz, Mini, Mitsubishi, Opel/Vauxhall, Peugeot, Porsche, Renault, SAAB, Seat, Skoda, Toyota, Volkswagen & Volvo.



34301500

- » Cap Adaptor - Alfa Romeo, Audi, BMW, Chevrolet, Chrysler, Citroen, Dacia, Daewoo, Fiat, Ford, Jaguar, Kia, Land Rover, Mercedes-Benz, Mini, Nissan, Opel/Vauxhall, Peugeot, Porsche, Renault, SAAB, Seat, Skoda, Suzuki, Toyota, Volkswagen & Volvo.

BRAKE FLUID AUTO FILLER

03481100

- » A stand-alone brake fluid container for automatic filling of brake fluid reservoirs.
- » Air tight tap ensures fluid stays fresh for next time.
- » Removes the need for a second person to stand over the reservoir and keep it topped up.
- » Graduated scale gives an accurate indication of fluid used.



VACUUM BRAKE BLEEDER

03480000

- » Removes the brake fluid from the master cylinder by sucking it out of the filler.
- » Faster fluid changes as not all the fluid needs to be bled via a bleed nipple.
- » No need to have a pressure tight seal on those difficult to get at master cylinder reservoirs.
- » Uses standard workshop compressed air supply (70 - 170 psi) to generate vacuum.
- » When combined with the Automatic Brake Fluid Filler Unit (03481100), turns brake and clutch system bleeding into a genuine one man operation.



BRAKE BLEEDER BOTTLE WITH NON RETURN VALVE

66050000

- » Capacity 50cl.
- » For one-man operation.
- » Non return valve ensures air does not return back into the system.



BRAKE PIPE FLARING

FLAREMASTER2 - BRAKE PIPE FLARING TOOL

- » Quick-release chuck for positive engagement of the punch.
- » Fast-turn coarse thread on hydraulic ram, for quick assembly.
- » Locking bolt with swivel pin, for fast tightening.
- » Enhanced bridge unit for greater strength.
- » Ergonomic handle moulding, for greater comfort.
- » Unique, original, patented design for producing high quality pipe flares - on the vehicle.
- » Flaring pipes on the vehicle allows for accurate repair sections to be spliced following repair work or accident damage.
- » Inter-changeable die, held in place by magnets.
- » Creates SAE & DIN single and double flares.
- » Kits with SS suffix are suitable for flaring stainless steel pipe.

02729600



Part No.	Description	Flaremaster for STD Brake Pipe Kit Coverage				Flaremaster for S/S Pipe Kit Coverage			
		02725000	02725600	02729500	02729600	027250SS	027256SS	027295SS	027296SS
02725500	Handle Assembly	1	1	1	1	1	1	1	1
02725270	Clamp	1	1	1	1	1	1	1	1
02726070	Hydraulic Ram	1	1	1	1				
02727070	Hydraulic Ram for S/S					1	1	1	1
02725170	Punch - 3/16" 4.75mm OP1 SAE	1	1	1	1	1	1	1	1
02726170	Punch - 3/16" 4.75mm OP1 DIN	1	1	1	1	1	1	1	1
02727170	Punch - 3/16" 4.75 & 6mm OP2 SAE	1	1	1	1	1	1	1	1
02726270	Punch - 6mm OP1 DIN		1		1		1		1
02725570	Punch - 6mm OP1 SAE		1		1		1		1
02720470	Die Set -4.75mm	1	1	1	1	1	1	1	1
02724470	Die Set -6 mm		1		1		1		1
00202570	Molyslip cutting compound					1	1	1	1
08513070	Washer					1	1	1	1
02730000	Pipe Deburring Tool			1	1			1	1
02160000	Pipe Aid Plier			1				1	
02165000	Pipe Aid Plier - Dual Size				1				1
02210000	Tube Cutter			1	1			1	1

FLAREMASTER 2- SS UPGRADE

02727500



- » Flaring stainless steel brake pipes requires greater force and care in order to produce good results.
- » For this reason, a special Metal Forming Compound is included within the kit in order to allow the material to form correctly.
- » **Contents:** Hydraulic Ram Power unit for Stainless Steel pipe, Metal Forming Compound, Thrust Washers.

COATED BRAKE PIPE DIES-4.75MM

02720300



- » Enables pipe to be flared without puncturing plastic coating.
- » New textured design allows coated brake pipe to be easily gripped.
- » Dimensions: 4.75mm (3/16").

BRAKE PIPE FLARING

BENCH MOUNTED- BRAKE PIPE FLARING TOOL

- » For use with Bench Mounted Vice.
- » Produces both Convex and Double Lap flares to SAE and DIN standards.
- » Unique Dial-a-Size Turret design.
- » Lever cam operation for quick flaring.
- » Automatic punch extraction from flare.
- » Screw clamp for accurate die alignment.
- » Variety of kits available to suit requirements.
- » All components available individually.



02700800

'270' SERIES - INDIVIDUAL PUNCH & DIE SELECTION CHART

Flare Pattern		Tube O.D	'270' Series Individual Selection		Kit Coverage				
			Punch	Die Set	02700000	02700100	02700200	02700800	02700900
	SAE (single)	3/16"	02705100	02703100	•	•	•	•	•
		1/4"	02705200	02703200	•			•	•
		5/16"	02705300	02703300	•			•	
		3/8"	02705400	02703300	•			•	
		1/2"	02705500	02703500				•	
		4.75mm	02705100	02703100	•	•	•	•	•
		6mm	02705200	02704300			•	•	•
		8mm	02705300	02704300			•	•	
		10mm	02705400	02704400			•	•	
		12mm	02705500	02704500				•	
	DIN (single)	4.75mm	02706100	02704100	•	•	•	•	•
		6mm	02706200	02704700	Available as an optional extra for Turret Assembly 02701800				
		8mm	02706300	02704800					
		10mm	02706400	02704900					
		12mm	02706500	02705000					
	SAE / DIN (double)	3/16"	02705100	02703100	•	•	•	•	•
			02707100						
		1/4"	02705200	02703200	•			•	•
			02707100						
		5/16"	02705300	02703300	•			•	
			02707200						
		3/8"	02705300	02703400	•			•	
			02707200						
		1/2"	02705500	02703500				•	
			02707200						
		4.75mm	02705100	02703100	•	•	•	•	•
			02707100						
		6mm	02705200	02704200			•	•	•
			02707100						
		8mm	02705300	02704300			•	•	
			02707200						
		10mm	02705400	02704400			•	•	
			02707200						
		12mm	02705500	02704500				•	
			02707300						

Spare Parts

Part No.	Description
02701400	Replacement Turret Assembly - 7 Punch (for kit 02700000/02700200/ 02700800)
02701500	Replacement Turret Assembly - 3 Punches (for kit 02700100)
02701600	Replacement Turret Assembly - 2 Punches (12mm, 1/2") (for kit 02700800)
02701800	Replacement Turret Assembly - 5 Punch (DIN 4.75 - 12mm)
02701770	Replacement Body Assembly
02702570	Replacement Die Clamp Screw & T-Bar

BRAKE PIPE FORMING PLIER

02160000

- » For forming tight bends in brake and clutch pipes.
- » Ideal for use in restricted space and for use on the vehicle.
- » Can also be used for quick tube nut thread alignment and as a guide when cutting tube.
- » Pipe Sizes: 4.75mm (3/16").



DUAL SIZE BRAKE PIPE FORMING PLIER

02165000

- » For forming tight bends in brake pipes.
- » Ideal for use in restricted space and for use on the vehicle.
- » Dual size - One Tool - Two Pipe sizes.
- » Pipe Sizes: 4.75mm (3/16") & 6mm (1/4").



TELESCOPIC PIPE TUBE CUTTER

02210000

- » Grooved rollers allow for cutting close-up to flared pipe ends.
- » Includes fold-away de-burring blade and spare cutter wheel.
- » 3-32mm.



MINI PIPE & TUBE CUTTER

66092500

- » One-hand operation, ideal for on the vehicle working.
- » 3-25mm.



BRAKE PIPE COATING REMOVAL TOOL

66092600

- » Adjustable for pipe diameters: 3-16mm (1/8"-5/8").
- » Allows protective nylon coating (seen in particular VAG and GM models) to be removed prior to flaring the brake pipe.
- » Prevents bad flares which occur when brake pipe is flared with coating on which can lead to leakage.



BRAKE PIPE CORROSION TOOL

02340000

- » This tool has been especially designed to allow the user to inspect brake pipes for corrosion, both quickly and easily.
- » It features two scraper areas on the head of the tool, which allows the user to remove dirt and corrosion from the pipes, and thereby be able to effectively examine the condition of the pipes.



BRAKE & PIPE SERVICE

PIPE BENDER

 **02560000**

- » For Plastic Coated Pipes.
- » Unique rolling action forms bends up to 180° without causing abrasion damage to plastic or epoxy coated pipes.
- » Fitted with lug on handle for bench use with a vice.
- » Pipe Sizes: 4.75mm (3/16") to 6mm (1/4").



BRAKE & FUEL LINE CLAMP

 **03570000**

- » Lightweight, non-conductive, nylon clamp.
- » This type of clamp is particularly useful where the clamp needs to be left on the brake line for an extended period as it does not crush the hose.



PIPE DEBURRING TOOL

 **02730000**

- » Essential tool when preparing to flare copper brake pipe, to avoid the risk of swarf in the pipe.
- » Double ended tool for the deburring of Brake & Fuel Pipes when preparing ends for use.
- » Works on all types of copper, steel and brass pipes.
- » Pipe Sizes: 1/8" (3.2mm) to 5/8" (16mm).



BRAKE DISC RUN OUT SET

 **07610100**

- » Powerful magnetic clamp, with on / off lever for easy removal from surfaces.
- » Suitable for both flat and round surfaces.
- » High quality dial test indicator gauge with floating scale (07712000).
- » Universal clamp for DTI with fine adjustment (07610000).



DUO DRIVE SPLINE IMPACT SOCKET SET

 **03665000**

- » Impact Quality 12 Point Spline Sockets.
- » Duo Drive System allows the user to choose between using 1/2" sq dr impact wrench or a 24mm wrench or socket due to external hex design.
- » Ideal for a variety of applications, especially useful on VAG Calipers and Hubs, M12 sizes suitable for Touran rear hubs, VAG head bolts and many more.

Specifications:

- » M12, M14, M16, M18 - 40mm (Short)
- » M12, M14, M16, M18 - 75mm (Long)



AIR ASSISTED CALIPER WIND BACK TOOL KIT- WITH MAGNETIC HEAD

03614000

- » Air operated ram applies pressure to the caliper piston, while the handle is rotated by hand.
- » Easy to use - works on standard workshop air supply.
- » Reversible - works on both RH and LH applications.
- » Can be used on Wind Back and Push Back pistons.
- » Supplied with nine adaptors which cover a wide range of popular vehicles (applications list included).



BRAKE CALIPER CLEANING FILE- UNIVERSAL

03620100

- » Scraping file for removal of coarse residue on Brake Calipers.
- » Special scraping surface saves time and is more effective than standard files because the coarse tooth design reduces the risk of clogging.



BRAKE CALIPER CLEANING FILE- EXTRA SLIM

03620200

- » Scraping file for removal of coarse residue on Brake Calipers.
- » Special scraping surface saves time and is more effective than standard files because the coarse tooth design reduces the risk of clogging.



BRAKE CALIPER BRUSH SET

03620500

- » To remove burnt in brake dust and dirt from brake calipers.
- » Set includes 1 steel brush and 1 brass brush, length: 225mm.
- » Brass brush for use on aluminium brake calipers; soft brass bristles ensure a proper cleaning.



BRAKE DISC MEASURING TOOL

07670000

- » Measures 200 - 400mm brake discs.
- » Provides access and reach through obstructions to give an accurate diameter measurement of the brake disc.
- » Easily order correct sized brake discs first time and eliminate the trial and error of ordering multiple sizes as shown on applications.



INDUSTRIAL PUMP SPRAYER - 1 LITRE

03470000

- » 1 litre industrial pump sprayer suitable for various chemicals e.g. detergents, solvents, brake cleaner and general cleaning agents*.
- » Polythene body with pressure relief valve.
- » Includes adjustable brass spray head nozzle and viton seals
- » ***Important:** Before use, please check the compatibility of the product you wish to spray.







ENGINE

INJECTOR REMOVAL

INJECTOR EXTRACTOR KIT WITH HYDRAULIC CYLINDER

18590000

- » Universal kit complete with hydraulic cylinder for removing seized fuel injectors.
Note: For use with pump 20017000 (not included) or similar.
- » Hydraulic cylinder with 12 tonnes of force.
- » Can be used as a mechanical kit for confined spaces -i.e. against a bulkhead.
- » Can be used as a hydraulic kit for maximum power to help release tightly seized injectors.

Suitable for the extraction of diesel fuel injectors specifically:

- » M17 x 1.0 for Bosch, M14 x 1.0 for Delphi, M16 x 1.0 for Toyota adaptor, M20 x 1.0 for Denso and M25 x 1.0 / M27 x 1.0 for Siemens
- » Can be used in-situ saving time and expense.
- » Adjustable supporting feet allow for angle and position setting.
- » Main side and top bars allow for various engine configurations.
- » Now available without hydraulic ram P/N: 18590100.



INJECTOR EXTRACTOR KIT- MASTER

GO405

- » Due to combustion the injector is stuck and can not be removed without a proper tool.
- » The universal supporting feet adjustment, on the fixing screws of the head, ensures its use in different levels, left/right, as well as the possibility to adjust the slippage of the two side bars.
- » Upgrade option for hydraulic pump and hydraulic cylinder (or mechnadraulic).

Application:

- » Connected injectors available for Mercedes Benz, Opel, FCA Group (e.g. 1.3 Mj), Suzuki.
- » M17x1 for Bosch, M14x1 for Delphi models, Toyota with adapter M16x1, M20x1 used for the extraction of Denso injectors and finally M25x1 and M27x1 for Siemens.



FORD ECOBLUE INJECTOR REMOVAL SET

GO434

- » Set of special tools to remove the injectors on Ford vehicles
- » Provides removal of heavily seized injectors in a professional, safe and fast way
- » Non-seized injectors can be removed using the fork and reused as required
- » Includes tools for extraction of injectors in single parts if broken

Injector extraction:

- » Complete extraction of injector with a special fork
- » Advantage: It is not necessary to dismantle the injector; it can be reused
- » Partial extraction of injector with special tools included in the set

Applications:

- » Ford 2.0 Eco Blue engines from 2016 in Galaxy/S-Max/Mondeo/Focus C-Max/Transit and Custom (from 2018) etc.

Note: For particularly tight injectors, do not use the fork extractor, we recommend the use of our hollow piston mechnadraulic cylinder of 12 tonnes: GO1015.



MULTI-STAGE INJECTOR PULLER KIT FOR M9R 2.0 DCI ENGINES

GO426

- » Kit for the removal of injectors mounted on M9R engines; which present various signs of breakage in different parts of the injector body, depending on the type of anomaly found.
- » The extraction body frame and columns are created to conform to the shape and dimensions of the engine and to fit perfectly to the fastening screws of the engine cover
- » Time taken to complete operation is significantly reduced and the procedure limits the need to remove the cylinder head and engine

Applications:

- » Injectors: Bosch Piezo, Bosch CR on Renault, Nissan & Opel



INJECTOR EXTRACTOR KIT WITH 12T HYDRAULIC CYLINDER

GO537

- » Kit for the removal of injectors mounted on Renault, Nissan and Opel 2.0 diesel engines, engine code M9R.

Designed to extract the injectors in one of the following ways:

- » Extraction of the injector with electrical connector
- » Extraction of the injector without electrical connector
- » Extraction of the broken injector

Technical data (Mechadraulic cylinder) :

- | | |
|-----------------------------|---|
| » Force: 12 ton | » Weight: 1,65 kg |
| » Stroke: 8 mm | » Grease temperature range of use: from -25°C to 80°C |
| » Dimensions: Ø80x260x45 mm | » Material: aluminium |
| » Pressure: max. 700 Bar | » Adaptors: M10/M12/M14/M16/M18 |
| » Hole: Ø21.5 mm | |
| » Driving torque: 56 Nm | |

Applications:

- » Brand Renault, Nissan, Opel, Motor 2.0 diesel
- » Engine code M9R, Injectors Bosch CR, Bosch Piezo



MASTER SLIDE HAMMER INJECTOR SET WITH CR ADAPTORS

GO507

- » Extractor for injectors for professional mechanics, car-repair garages or car repair shops. This operation may be carried out without disassembling the injector head.

This kit allows injector removal with three distinct procedures:

- » Using the pliers with holding arms perfectly fitting to the shape of the injector
- » Using the articulated joint adapter and the pivot, that has to be screwed to the fitting of the Common Rail duct.
- » Using the special socket (for Bosch CR).

Applications:

- » Injectors: Denso, Bosch, Siemens
- » Use on Pump Düse injectors.



INJECTOR REMOVAL

INJECTOR EXTRACTOR KIT-MERCEDES

GO425

- » This kit allows the removal of the tightly fixed injectors nozzles and the removal of all the injectors mounted on MB 2.1 L, 2.2 L, 3.0 V6 without dismantling the cylinder head.

Applications:

- » Injectors: Bosch, Delphi
- » Engines: 2.1 l, 2.2 l, 3.0 V6
- » Chrysler: 300 C
- » Mercedes: Vito, Vario, CLK, Sprinter, Viano, Classe M, GL, C, GLK, E, CLS, S, R, G



INJECTOR EXTRACTOR KIT-DENSO

GO403

- » To aid the removal of seized / stubborn Denso injectors.
- » Parts of the kit can be mounted together around an injector creating a stable mount for the slide hammer to fix onto.
- » Compact slide hammer allows for use on an engine in-situ.
- » Suitable for Toyota, Nissan, Mazda, Opel / Vauxhall and Lexus.

Denso Injectors:

- » 23670 - 30080
- » MB416600 - MB40A
- » 5870 - 13H50B
- » 11L 12182
- » 23670 - 26011
- » 23670 - 0R050
- » 10J 06798



“VIBROFIGHTER” UNIVERSAL VIBRATION TOOL

GO490

- » Supplementary set to remove injectors.
- » The tool acts directly through vibrations and impulses on the extraction tie rod installed on the injector.
- » It has been designed to fully remove the injector from its seat without damaging the cylinder head and without breaking the injector, which would leave residues inside the head.
- » Usable on almost all the injectors on the market (with and without hammer).
- » Equipped with a small regulation valve with adjustable vibration intensity system according to the application.



INSTALLATION/REMOVAL TOOL FOR INJECTOR NOZZLE

GO564

- » To dismantle petrol injectors and to install the Teflon gasket.
- » For restoring fuel injectors immediately after the calibration of the sealing rings.
- » Puller fork with hole for sliding handle (6 mm) and M8 female thread for slide hammer (not included).
- » Application: Mercedes Benz (M2787). See website for full applications.



NEW

HEAVY DUTY SLIDE HAMMER INJECTOR PULLER KIT

NEW

08587000

- » Heavy Duty puller for removal of Bosch, Delphi, Denso and Siemens injectors.
- » Features a flexible u-joint adaptor for access in restricted areas, and adaptors and hooks to connect to the outside of the injectors reducing the need to strip down the injectors. This saves time and money and reduces the risk of losing any essential small parts of the injector.



Contents

Description	Description	Description
Injector Adaptor - M16 x 1.0 OT	Injector Solenoid Removers - M25	Nozzle Extractor - 6mm Tamperproof - 10mm Hex
Injector Adaptor - M17 x 1.0 OT	Injector Solenoid Removers - M27	Nozzle Extractor - 7mm Tamperproof - 10mm Hex
Injector Adaptor - M20 x 1.0 OT	Injector Solenoid Removers - M29	Adaptor - M16 x 1.5mm
Injector Adaptor - M25 x 1.0 OT	Injector Solenoid Removers - M30	Adaptor - M25 x 0.5mm
Injector Adaptor - M27 x 1.0 OT	Hook - 12mm	Adaptor - M25 x 0.75mm
Injector Adaptor - M16 x 1.5 IT	Hook - 13.5mm	Adaptor - M27 x 1.0mm
Injector Adaptor - M14 x 1.5 IT	Hook - 16mm	Heavy Duty Slide Hammer - 4.3kg
2x Injector Adaptor - M25 x 0.5 IT	Hook - 26mm	
Injector Adaptor - M27 x 1.0 IT	Universal Joint - M18 x 1.5	

INJECTOR EXTRACTOR- BOSCH M18 X 1.5

NEW

GO563

- » The half-shells of the tool head are positioned directly under the screw ring of the injector electrical connection. The locking sleeve with window provides a non-slip grip.
- » Removal is carried out without partial disassembly and this ensures that the injector can be reused.
- » Universal for diesel engines of many manufacturers.



INJECTOR REMOVAL SOCKET - BOSCH

GO441

- » Special socket for the removal of CH. 29 and CH. 30 Bosch injectors.
- » Adaptor allows the injector to be removed without opening or dismantling.
- » The socket holds the injector under the fixing nut of the electrical connection, allowing the removal of the injector without removing the plastic top of the electrical connection.



INJECTOR ADAPTOR - BOSCH

GO493

- » BOSCH Applications - Double Fixing.

Contents:

- » 1 x Pin M17 x 1 - M18 x 1.5
- » 1 x Bush M27 x 0.75



INJECTOR REMOVAL

INJECTOR REMOVAL SOCKET - FORD

GO519

- » Special socket for the removal of injectors.

Engine code:

- » YLFS, YLF6, YMFS, YMF6, YNFS, YNF6, YLR6, YMR6, YNR6

Applications:

- » Ford 2.0 ecoblue TDCI from 2016 (Ford Galaxy, S-max, Mondeo, Focus C-Max, Transit and Custom (from 2018) etc



DIESEL INJECTOR PULLER

08571000

- » For use with Lucas & Bosch type clamp-down injectors.
- » Slide hammer mechanism c/w M8, M12 & M14 adaptors.
- » Universal tool with a wide variety of Car, LCV & HGV applications.



1.3 COMMON RAIL TWIN INJECTOR PULLER ATTACHMENT

08551000

- » Enables two injectors to be removed at the same time, as shared injector clamp does not allow removal of injectors individually.
- » For use with a slide hammer and hook - see website for video.
- » Commonly found on 1.3 engines: Alfa: Mito, Fiat: 500 / C, Doblo / Cargo, Fiorino, Grande Punto, Idea, Linea, Panda, Punto Evo, Qubo, Strada, Ford: Ka, Lancia: Musa, Ypsilon, Opel: Agila, Astra H, Corsa D, Meriva, Vauxhall: Astra MK V, Corsa MK III and Meriva.



M9R RENAULT KIT FOR HYDRAULIC INJECTOR PULLER

18582500

- » Useful additional plate and posts when working on M9R engines.
- » Allows direct application of pulling force.
- » For use with hydraulic ram.

Applications:

- » Renault / Nissan / GM / Dci 2 litre engines (M9R)



INJECTOR REMOVAL FORK

GO455

- » Ford 2.0 ecoblue TDCI from 2016 (Ford Galaxy, S-max, Mondeo, Focus C-Max, Transit and Custom (from 2018), etc. (Please note - not suitable for use on seized injectors).
- » For use with GO434 - Ford EcoBlue Injector Removal Set.

Specifications:

- » Fork width: 19mm
- » Connection thread: M18x1.5
- » Height: 98 mm



ELECTRONIC DIESEL INJECTOR REMOVAL SOCKET 30MM

GO430

- » Hexagonal socket for removal of the electrical solenoid from modern diesel injectors.
- » 1/2" sq dr. / 22mm hex.
- » 100mm length.



ELECTRONIC DIESEL INJECTOR REMOVAL SOCKET SET

01513500

- » Hexagonal socket set for removal of the electrical solenoid from modern diesel injectors.
- » 1/2" sq dr. / 22mm hex / 100mm length.
- » In most cases, it is necessary to remove the solenoid before attempting to remove the injector body.

Includes 4 x sockets:

- » 25mm Hex - Siemens Injectors - 2.0 Hdi (DW Series) As found on PSA, Ford, Toyota etc.
- » 27mm Hex - Siemens Piezo Injectors, 2.0 Hdi Piezo (DW Series) As found on PSA etc.
- » 29mm Hex - Bosch type injectors, Bosch Cdi / Hdi engines.
- » 30mm Hex - Bosch type injectors, Bosch Renault / Nissan 1.9dCi.



DIESEL INJECTOR SEAL EXTRACTOR

08581000

- » Designed specially to remove the copper injector base seal when it has become stuck in the cylinder head.
- » Traditionally done using a pick- this tool allows safe and easy removal without risk of damage to the head.
- » Simple to use- utilises SP's well known "split collet" technology to grip the seal and allow it to be pulled out from the head.
- » Simple adjustment- expands from 6.5mm to 8.0mm.
- » No need to use picks, hooks etc when trying to retrieve stuck seals & washers.



UNIVERSAL INJECTOR SEAT CLEANER SET

01745000

- » Designed to clean the injector holes after extraction work.

Contents:

- » 20mm & 25mm metal brushes for injector hole cleaning
- » 2 x front brushes for injector seat cleaning
- » 1 x front brush extension
- » 1 x seal plug to close the injector hole while cleaning
- » 1 x seal plug holder to place and remove the plug
- » 1 x sanding kit



INJECTOR REMOVAL

DIESEL INJECTOR SEAT CLEANER SET

01750000

- » Set of 5 Diesel Injector Seat Cleaners, comes with centering pilot and T-Handle.
- » Clean injector seats when changing or reconditioning diesel injectors.
- » Helps to avoid blow-back due to poorly seated injectors.

Contents:

- » 15mm flat cleaner - Universal applications
- » 17mm flat cleaner - BMW / PS / Renault
- » 19mm angled cleaner - Fiat / Iveco
- » 19mm flat cleaner - Mercedes CR
- » 21mm angled cleaner - Fiat / Iveco



12 TONNE MECHADRAULIC CYLINDER & ADAPTORS

GO1015

- » Provides up to 12 tons of controlled hydraulic force.
- » Dimensions: Ø80 x 260 x 45 mm.
- » Adaptors: M10, M12, M14, M16 x 1.25 and M18 x 1.5.
- » Stroke: 8 mm
- » Driving torque: 56Nm
- » Weight: 1.65 Kg
- » Hole: Ø 18 mm



12 TONNE HYDRAULIC CYLINDER - ALUMINIUM

GO1050

- » Provides up to 12 tons of controlled hydraulic force.
- » Dimensions: 98 x 80 x 50mm.
- » Adaptors: M10, M12, M14, M16 and M18.
- » Pressure: Max 700 Bar
- » Connection: 3/8"- 18NPT
- » Stroke: 8mm
- » Hole: Ø 21.5 mm.



17 TONNE HYDRAULIC CYLINDER - ALUMINIUM

GO1061

- » Provides up to 17 tons of controlled hydraulic force.
- » Dimensions: Ø90 x 155 mm.
- » Adaptors: M10, M12, M14, M16 and M18.
- » Pressure: Max 700 Bar
- » Connection: 3/8"- 18NPT
- » Stroke: 43mm
- » Mounting Thread: 2" 3/4-16 UN.



For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



SCAN ME

- » The pre-heating glow plug used in diesel engines can often get stuck inside the engine head due to residues caused by the combustion process. In these cases, the glow plug will break when you try to remove it; consequently, you will have to disassemble the head in order to remove it. This job can be time consuming and very costly.
- » Govoni specialises in the extraction of broken or stuck glow plugs and allows the operator to carry out rapid and efficient extraction steps by using its highly professional equipment.
- » The equipment allows you to: reduce intervention time and costs, extract and restore the thread in order to mount the new glow plug to a professional standard.

UNIVERSAL GLOW PLUG REMOVAL MASTER KIT

GO470

- » The complete tool kit consists of 4 modules: 3 modules are specific for one special glow plug size, and 1 module is a basic tool kit and is essential for using the 3 specific modules for each glow plug size.

Applications:

- » M8x1: Mercedes, Smart, VW, Fiat, Opel, Ford etc.
- » M9x1: Opel, Fiat, Alfa, Lancia (e.g. 1.3-2.3-3.0 JTD) etc.
- » M10x1: VW, Audi, Mercedes, BMW, Opel, PSA, Renault, Ford, Suzuki etc.
- » M10x1.25: VW, Audi, Toyota, Suzuki, Opel, Isuzu, Mercedes etc.



UNIVERSAL GLOW PLUG REMOVAL BASIC KIT

GO471

Applications:

- » M8x1 Mercedes, Smart, VW, Fiat, Opel, Ford etc. M 9x1 Opel, Fiat, Alfa, Lancia (e.g. 1.3-2.3-3.0 JTD) etc.
- » M10x1 VW, Audi, Mercedes, BMW, Opel, PSA, Renault, Ford, Suzuki etc.
- » M10x1,25 VW, Audi, Toyota, Suzuki, Opel, Isuzu, Mercedes etc.



GLOWPLUG REMOVAL KITS

- » Modular kits fit into GO471.

Part no.	Description	Contents
GO472	M8 Glow Plug Removal Kit	1 x special long milling cutter (Ø4.5) and steel milling cutter (Ø7-4.5 mm) with 4 TiN-coated and self-centring cutting edges. 1 x thread insert 12-28 UNF. 1 x threaded male to create the thread to remove the glow plug 12-28 UNF. 1 x threaded male to restore the M8x1 glow plugs thread.
GO473	M9 Glow Plug Removal Kit	1 x special long milling cutter (Ø4.5) and steel milling cutter (Ø7-4.5 mm) with 4 TiN-coated and self-centring cutting edges. 1 x thread insert 12-28 UNF. 1 x threaded male to create the thread to remove the glow plug 12-28 UNF. 1 x threaded male to restore the M8x1 glow plugs thread.
GO474	M10 Glow Plug Removal Kit	1 x special long milling cutter (Ø4.5) and 1 x steel milling cutter (Ø8-4.5 mm) with 4 TiN-coated and self-centring cutting edges. 1 x thread insert 12-28 UNF. 1 x threaded male to create the thread to remove the glow plug 12-28 UNF. 1 x threaded male to restore the M9x1 glow plugs thread.



GLOWPLUG SERVICE

UNIVERSAL GLOW PLUG TIP EXTRACTION SET - MASTER

GO451

- » For the extraction of the electrode terminal part of the glow plugs (M8, M9, M10) in the event of breakage or sticking inside the seat port, which is otherwise impossible to remove.
- » The set includes all the tools needed to safely remove the terminal part of the glow plug electrode without damaging the cylinder head.
- » This operation can be completed with a slide hammer or threaded extractor.



UNIVERSAL GLOW PLUG TIP EXTRACTION SET - DEEP DESIGN

GO452

- » This set can be used with any current diesel engines using threading sizes: M8, M9, M10.



GLOWPLUG REMOVER & REAMERS

- » Set of specialist drills and taps for the safe and effective removal of broken/damaged heater plugs.
- » Contains precision engineered components, allowing for the removal of broken parts, without damaging the engine block and leaving a clean cut thread for fitting the replacement heater plug.

Contents:

- » Extractor Socket Set
- » LH Fluted Drill 2 Step
- » LH Threaded Tap
- » Threaded Tap
- » Removal Tool & Impact Adaptor



Part no.	Description	Part no.	Description
08591000	M8 x 1.0	08592000	M10 x 1.0

VIBRO IMPACT GLOWPLUG REMOVER

085900V2

- » For the safe, effective removal of 8mm, 9mm, 10mm, 11mm & 12mm glow plugs.
- » Uses controlled impact torque to create vibration in order to loosen seized glow plugs.
- » The Vibro-Impact tool 'loosens' the seized glow plug, making it safe and easy to remove without the risk of broken plugs, and / or damaged cylinder heads.
- » Includes 4 low-torque settings for controlled torque vibration (10, 20, 30, 40Nm).
- » Supplied with special long-reach 8, 9, 10, 11 & 12mm glow plug sockets, long and short extensions and Universal Joint for ease of access.
- » This kit is also effective for: The removal of any small threaded fixings (up to 12mm thread size) e.g. Spark Plugs (particularly useful for Ford and Alfa Romeo Twin Spark engines), Exhaust manifold studs, Engine sump fixings.

Specifications:

- » Square Drive ¼"
- » Max Torque- Right 40Nm
- » Max Torque - Left 10 / 20 / 30 / 40Nm
- » Air Inlet ¼"
- » Air Consumption 250 ltrs / min
- » Speed 12,000 per min
- » Air Supply 6.3bar / 90psi



PISTON RING COMPRESSOR - RATCHET ACTION

66037300

- » Large capacity piston ring compressor.
- » Spring assisted ratchet type lock complete with square drive key.
- » Standard 80mm depth, 90 - 175mm capacity.
- » Suitable for Commercial Vehicles, industrial and agricultural engines.



PISTON RING COMPRESSOR - RATCHET ACTION

03220000

- » Large capacity, long reach, piston ring compressor.
- » Spring assisted ratchet type lock complete with square drive key.
- » Double-Depth 165mm, 90 - 175mm capacity.
- » Suitable for Heavy Commercial Vehicles, industrial and agricultural engines.



PISTON RING COMPRESSOR - RATCHET ACTION

66037000

- » Medium capacity piston ring compressor suitable for cars and LCVs.
- » Spring assisted ratchet type lock complete with square drive key.
- » Standard 80mm depth, 57 - 125mm capacity.
- » Suitable for Cars and LCVs.



VALVE SPRING COMPRESSOR - OHV ENGINES

66021000

- » For the removal of valves on small / medium OHV engines.
- » Cam action provides parallel lift.
- » Automatic locking action.
- » Supplied with straight adjustable width jaws.

Specifications:

- » Jaw: Min 70mm - Max 135mm
- » Throat: 150mm



VALVE SPRING COMPRESSOR - OHC ENGINES

66043000

- » For OHC petrol & diesel engines.
- » Will also fit a wide variety of smaller OHV engines.
- » Cam action provides parallel lift.
- » Open collet type jaw provides good visibility for difficult access applications.

Specifications:

- » Jaw: Min 63mm - Max 129mm
- » Throat: 158mm



CYLINDER HEAD & ENGINE BLOCK

VALVE SPRING COMPRESSOR - MULTIVALVE ENGINES

03950000

- » For the removal of valves on multivalve petrol & diesel engines.
- » Reinforced frame made from rust-proofed steel.
- » Supplied with 25mm & 30mm valve spring adaptors.



MULTIVALVE VSC ADAPTORS

Part No.	Description
03950200	Multivalve VSC Adaptor: 25mm (OD) and 18mm (ID)
03950400	Multivalve VSC Adaptor: 30mm (OD) and 18mm (ID) Restricted Access & BMW

03950200



03950400



VALVE SPRING COMPRESSOR - HEAVY DUTY

03800000

- » For use on Commercial and Off-Road Engine Vehicles.
- » Suitable for use on a wide range of medium and heavy commercial vehicles, buses, agricultural, marine and industrial plant engines.
- » Reinforced frame made from rust-proofed steel.
- » Geared hand wheel adjustment.
- » Supplied with straight & cranked off-set jaws.

Specifications:

Cranked Offset Jaws:

- » Jaw: Min 75mm Max 165mm
- » Throat: 245mm

Straight Jaws:

- » Jaw: Min 95mm Max 186mm
- » Throat: 245mm



VALVE GRINDING STICKS

- » Wooden handled valve stick for grinding and lapping valves.

Part no.	Size	Description
66090200	Single-Ended - 32mm x 224mm	Large Cup - HGV, Agricultural and Industrial Plant Engines
66090300	Single-Ended - 22mm x 224mm	Medium Cup - Cars and Light Commercial Vehicles
66090400	Single-Ended - 19mm x 224mm	Small Cup - Cars, Motorcycles and Generator Engines
66090500	Double-Ended - 19/22mm x 224mm	Small/Medium Cup - Cars, Motorcycles, Generator Engines and Light Commercial Vehicles



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SCAN ME

CYLINDER HONING SET (13-89MM)

02800000

- » Complete honing and deglazing set for 13 - 89mm diameter cylinder bores.
- » Flexible drive shaft for use with air or electric drills.
- » Supplied with a set of medium grade 220 grit stones.
- » Suitable for use on brake and clutch cylinders, small bore engine cylinders, motorcycle engines etc.

Spare Parts

Part no.	Description
02800100	Fine Grit: 400
02800200	Medium Grit: 220

» Note: Each Stone Set consists of 3 x 19mm Stones/ 3 x 29mm Stones/ 3 x 50mm Stones and 3 x Replacement Spring Clips.



CYLINDER HONING SET (50-180MM)

02810000

- » Large diameter honing and deglazing tool.
- » Flexible drive shaft for use with air or electric drills.
- » Supplied with a set of medium grade 220 grit stones.
- » Suitable for use on large bore engine cylinders from 50 -180mm.

Spare Parts

Part no.	Description
02810100	Fine Grit: 400
02810200	Medium Grit: 220
02810300	Coarse Grit: 100

» Note: Each Stone Set consists of 3 x 100mm Stones and 3 x Replacement Cotter Pins.



VALVE SPRING COMPRESSORS

- » Universal pneumatic tool for assembling and disassembling engine valves, suitable for all types of valves on petrol and diesel engines.
- » Practical and easy to use, saving up to 60 - 70% time, especially during valve assembly. Made for engines with 4/5 cylinder valves.
- » This kit includes 3 adaptors for valve assembly and, overall, 8 reduction rings suitable to the adaptors, from 19.8 to 50 mm. This kit can be used universally for small and large valve plates, from cars to vans.
- » The open shape of the mounting adapters allows easy access to the valve plate and to the cones, by means of which the semi-cones of multivalve engines can also be easily worked.
- » The lightweight, maneuverable, high strength aluminium chassis is equipped with a precisely controllable pneumatic cylinder.
- » CE approved machine in compliance with 2006/42/CE (Machine Directive).



Part no.	Machine Weight	Working Pressure (min-mx)	Power
GO960	6kg	6 - 10 bar	6 bar = 118kgf 10 bar = 196 kgf
GO970	5kg	6-10 bar	6 bar = 75kgf 10 bar = 125kgf

CYLINDER HEAD & ENGINE BLOCK

MANUAL VALVE SPRING COMPRESSOR BENCH

G0950

- » The two head supports are coated with non-scratch plastic material and are adjustable from 0 to 30°. There are two handles for locking when the right inclination is set.
- » It is also possible to regulate the horizontal position of the head moving the pins to the opposite holes up and down. There is a long regulation also for the push rod in case of deep valve chambers. The frame can be rotated 30° on both sides.
- » Can also be regulated forward and backwards. In case of valves locked hard into the seat, hit the slide hammer on the top with a plastic mallet. The bench is also provided with a travel limit device that guarantees the same stroke for each valve.
- » When the valve spring is compressed, the operator can block the position using the opposite pin. Consequently you can work on the valves having both hands free.

Specifications:

- » Dimensions: 785x500x625 mm
- » Length: min. 185 mm
- » Stroke: 265 mm
- » Inclination angle = 0° - 30°
- » Cylinder head: 750 mm
- » Total weight: 25.5 Kg

Applications:

- » Cars and commercial vehicles



EXTRA HD VALVE SPRING COMPRESSOR 500KGF

G0975

- » Operates on springs from 19 mm to 50 mm (3/4" to 2") diameter. Quick and precise adjustment in millimeter increments with locking handle.
- » 90 mm (3 1/2") cylinder stroke to provide compression of any spring type whilst protecting the user.
- » Only 6 bar (90 psi) of compressed air required to operate. With a working pressure of 10 bar (145 psi) the Spring Compressor force is 500 Kg (1.102 lbf).
- » Light alloy and nylon resin with fibreglass cylinder composition to avoid corrosion and oxidation.
- » Heavy-duty CNC-machined frame made of quality steel.
- » The drive valve can function only when the Spring Compressor is connected to the compressed air system. Consequently the machine can be disconnected while the spring is compressed without danger, for maximum safety.
- » This kit contains 3 adapters for the assembly of valves. Can be used universally for small and large valve plates, from cars to vans.
- » The open model of the mounting adapters allows easy access to the valve plate and cones.
- » The reinforced chassis is made with a rectangular steel tube and is equipped with a precisely controllable pneumatic cylinder.

Specifications:

- » Dimensions: 630x300x95 mm
- » Machine weight: 7.2 Kg
- » Pressure: min 6 bar, max 10 bar
- » Power: 10 bar=500 Kg
- » CE approved machine in compliance with 2006/42/CE (Machine Directive)



UNIVERSAL ENGINE & GEARBOX SUPPORT

38360000

- » Designed to support the engine or gearbox when the engine mountings have been removed - e.g. When replacing timing/drive belts, water pumps etc.
- » Removes the need for using cranes, transmission jacks etc.
- » Universal tool designed for all makes of vehicle - No need for costly model specific brackets.
- » The unit is suspended from the chassis via the support hooks, the engine/gearbox is supported by the support pad and is counter-balanced against the underside of the vehicle by the support arms.

Fully adjustable in all dimensions:

- » Extension: Min 630mm / Max 960mm
- » Support Plate Adjustment: 190mm



GEARBOX & AUTOMATIC TRANSMISSION SUPPORT

GO925

- » Suitable for gearboxes, automatic transmissions and DSGs as well as differential gears etc.
- » The front & rear supports and arms, which can be adjusted in distance and tilt angle, provide a secure grip during application and removal.
- » The support is applied to the gearbox which can be tilted forwards/backwards and right/left, always ensuring a secure grip.
- » Includes adaptor for transmission stand piston rod 30mm.

Specifications:

- » Weight: 12 kg
- » Max. load bearing capacity: 150 kg
- » Length/width: 490 mm/460 mm
- » Assembly: 40 mm
- » Forwards/backwards tilt: $\pm 35^\circ$
- » Left/right tilt: $\pm 5^\circ$



DUAL MASS FLYWHEEL SPECIAL TOOL

081100SP

- » Developed in conjunction with LUK, to allow accurate testing of the Dual Mass Flywheels (DMF) unit, whilst it is still mounted on the vehicle, with the gear box removed.
- » DMF units are designed to dampen out unwanted engine vibration, particularly important on modern high speed diesel engines.
- » By dampening unwanted vibration, engine and transmission components can be made lighter, in order to maximise the higher power outputs available from the modern diesel engine.
- » DMF units are designed to last the life of 2 clutch units, assuming correct vehicle usage and normal load conditions.
- » Testing data available from LUK.



CLUTCH & GEARBOX

FIFTH GEAR PULLER FORD

 08550500

- » Fast and simple method of removing the fifth gear on Ford front wheel drive transmissions before carrying out internal repairs.
- » The split collar and retaining sleeve ensures a safe and positive location.



GM GEARBOX BEARING/RACE REMOVER

 08550300

- » For the removal of taper bearing cups from clutch housings in M32, MT 20-6 and MT 32-6 manual gearboxes.
- » Specifically designed to spread the load equally without danger of cracking the gearbox casing.
- » **Applications:** Widely used in GM, Saab and Fiat Group.



SELF ADJUSTING CLUTCH INSTALLER MASTER KIT

 G0900

- » 14 piece special centering tool set for vehicles without pilot bearings in the crankshaft.
- » Ensures proper installation of the self-adjusting clutch whilst avoiding erratic adjustment of the adjusting ring in the clutch mechanisms to provide smooth clutch operation.
- » 3-arm truss for flywheels with six mounting screws and 4-arm truss for flywheels with eight mounting screws.



SELF ADJUSTING CLUTCH INSTALLER KIT

 G0901

- » For dis-mounting and mounting SAC Clutch Assemblies to the flywheel.
- » Approved Clutch Manufacturers method for SAC clutches.
- » **Applications:** Alfa Romeo, Audi, BMW, Fiat, Ford, Mercedes, VW and more.
- » Wide applications coverage for 120° (3 screw) SAC clutch assemblies.
- » Allows Pressure Plate to be pre-tensioned before removal and re-fitting of clutch.
- » Avoids clutch plate distortion and accidental damage due to incorrect fitting and subsequent vibration and shortening of clutch life.



DSG CLUTCH REMOVAL KIT VW GROUP

 G0903

- » The tool set for the disassembly and assembly of the DSG (Direct-Shift Gearbox) is designed to remove the clutch casing, including the discs, of 6-speed (code 08D) and 7-speed (code 0AM) VAG gearboxes, dual clutches (K1 and K2) and multiple shafts used in cars of the VAG Group from 2004 to 2012.
- » Includes pliers to remove/install the main shaft safety ring
- » **Applications:** AUDI A3, SEAT Altea, Altea XL, Ibiza, Leon, Toldeo, SKODA Fabia, Octavia, Roomster, Superb, Yeti, VW Golf, Golf Plus, Jetta, Passat, Polo, Scirocco, Touran.



LAND ROVER VISCOUS FAN TOOL SET

 **03125000**

- » Use both tools together to replace the cooling fan on Land Rover Discovery 3, Range Rover 3 and Range Rover Sport models.
- » Extra long, thin design for easier working in confined spaces.
- » Length: 650mm.



VW STUD TORQUE ADAPTOR

 **02253000**

- » Suitable for most 1.9 & 2l TDi VAG applications.
- » Suitable for M8 Fine & M8 to M10 coarse stepped studs.
- » For use on the steel timing belt tensioner mounting stud which screws into the aluminium cylinder head.
- » The mounting studs are prone to seizing due to steel to aluminium corrosion bond which can occur between the stud and cylinder head due to oxidation. When this occurs, the stud proves difficult to remove without the correct tool.
- » When replacing the stud it must be torqued to the manufacturers recommended value, failure to do so can result in the stud working loose and releasing the timing belt tensioner or vibrating with the cyclic stress and snapping off. Either of these eventualities can lead to catastrophic engine damage.



GEAR BELT INSTALLATION/REMOVAL TOOL- ECOBOOST

 **80062000**

- » Special tool to aid in the removal & installation of gear belts where a torque multiplier is required.

Contents:

- » Torque Multiplier 1/2" Sq Drive Input, 3/4" drive Output
- » Securing bracket & fixings
- » Supplied in a storage case with foam

Applications:

- » Ford EcoBoost



STRETCH BELT FITTING TOOL - UNIVERSAL

 **GO910**

- » Removal / assembly of Poly-V elastic belts for single and double pulleys.
- » In order to apply to double pulleys you must check how much space is available, for the use of the equipment.
- » Assembly and adjustment with centering device.
- » Quick, accurate and safe assembly and disassembly of elastic belts, without causing any damage. The belt cannot be reused without using this tool.



BELTS & PULLEYS

STRETCH BELT TOOL SET

GO912

- » Kit to professionally change elastic multi rib belts.
- » Elastic belts are used on components such as, generators, fans, waterpumps and air conditioning. Manufactures include: Gates (Strecht Fit), ContiTech (Conti-V Multirib Elast-Belt), Optibelt (EBK-Riemen).
- » No damage of the elastic belt and the belt pulley.
- » Can be used on single and double pulleys.
- » The very wide range guarantees very high market coverage of approximately 95%.

Applications:

- » Universal use for passenger vehicles/SUVs and LCVs Applications include following car manufactures: BMW / Audi / Seat / Skoda / VW / Chrysler / Ford / Mazda / Mercedes / PSA / Fiat / Iveco / Volvo / Lancia etc.



FUEL & EXHAUST

OXYGEN (LAMBDA) SENSOR SOCKET SET

01690000

- » Set of 7 specialist sockets for the removal and installation of all common sizes of oxygen sensors and pressure/vacuum sensors and switches.
- » Suitable for both heated and unheated oxygen sensors.

	Part no.	Size	Depth	Slot	Drive Size	Offset
1	01690100	29mm	90mm	8mm	1/2"	N/A
2	01690200	22mm	90mm	21mm	3/8"	N/A
3	01690300	27mm	85mm	27mm	1/2"	N/A
4	01690400	22mm	80mm	8mm	3/8"	N/A
5	01690500	1 1/16mm	75mm	-	3/8"	N/A
6	01690600	22mm	50mm	10mm	1/2"	30mm
7	01690700	22mm	30mm	8mm	3/8"	55mm



NOX SENSOR THREAD REPAIR TAPS

- » These tools can be universally used for light and heavy duty diesel engines.
- » It allows you to professionally re-thread the NOX sensor thread without damaging the exhaust system.
- » Excellent for cleaning and regenerating threads up to the end of the threaded blind hole.
- » Hexagonal Drive SW13 and Driving Shaft.
- » Optimum result thanks to 6 tensioning grooves.
- » Material - HSCO.
- » Exhaust particle sensors, exhaust temperature sensors, lambda sensors, etc.



Part no.	Description
GO961	M12 x 1.25
GO962	M14 x 1.5
GO963	M18 x 1.5
GO958	M20 X 1.5
GO959	M22 X 1.5

SOCKETS FOR NOX & PARTICULATE SENSORS

GO700

- » Allows professional disassembly and assembly of exhaust particle NOX sensors.
- » The closed 6-point profile allows very high loosening torques, especially with an extremely locked coupling.
- » The special design of the special socket wrench prevents slipping and damage of the socket profile on the sensor.
- » The connection cable is led to the side of the socket and is therefore protected from cuts and incisions.

Contents:

- » 1 x 24mm Socket
- » 1 x 32mm Socket
- » 1 x 19mm Socket Adapter
- » 1 x 17mm Socket Adapter
- » 1 x 14mm Socket Adapter
- » 1 x 22mm Socket Adapter
- » 1 x 24mm Socket Adapter

Specifications:

- » Total length 85 mm
- » 1/2" guide



EXHAUST PIPE CUTTER

02180000

- » Chain type pipe cutter, ideal for use with exhausts.
- » Suitable for aluminium, copper, brass, steel.
- » Capacity: 28" 68mm diameter.



ENGINE SERVICE TOOLS

HEAVY DUTY STRAP WRENCH

015500V2

- » Multipurpose, heavy duty strap wrench, ideal for HGV oil filter removal and industrial applications.
- » Range: 50 to 275mm diameter.
- » Strong cast iron handle for exerting high leverage, with polyester webbing strap.



Spare Parts

015512V2 Replacement Strap

ADJUSTABLE OIL FILTER REMOVER - 3 LEG

03810000

- » Spider-type wrench, c/w geared legs which automatically tighten as the force is applied.
- » Range: 62 to 93mm diameter.
- » 3/8" sq. dr c/w with adaptor for 1/2 sq.dr. and/or 19mm hex.



OIL SERVICE

27MM HEX OIL FILTER WRENCH

 **03900100**

- » For removing the oil filter housing on Ford 2.2 Duratorq diesel engines from 2010 with engine code DW12C.
- » Removal Tool – Designed especially for removing oil filter housing.
- » Various Applications – Ford, Peugeot, Citroen etc.
- » 27mm Size.



ADJUSTABLE BAND TYPE OIL FILTER REMOVER - LCV/HGV

 **03830000**

- » Band type, adjustable, non-stretch steel band with die-cast screw mechanism.
- » Range: 110 to 155mm diameter for LCV / HGV applications.



Spare Parts

03830100 Replacement Band

ADJUSTABLE BAND TYPE OIL FILTER REMOVER - CAR/LCV

 **03840000**

- » Band type, adjustable, non-stretch steel band with die-cast screw mechanism.
- » Range: 66 to 100mm diameter for Car / LCV applications.



Spare Parts

03840100 Replacement Band

STRAP TYPE OIL FILTER REMOVER

 **03860000**

- » Multi-purpose strap wrench, ideal for all oil filters up to 300mm diameter.
- » Range: 20 to 300mm diameter.
- » Strap Length: 1 metre long & 40mm wide.
- » Strong steel shank and polyester strap.
- » Self tightening band designed for fast and secure filter removal.
- » Double ended 13/16" hex c/w 3/8" & 1/2" sq. dr.



Spare Parts

03860500 Replacement Strap

For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



SCAN ME

HEAVY DUTY CHAIN TYPE OIL FILTER REMOVER

03890000

- » Heavy duty leaf type chain.
- » Range: 25 to 150mm diameter.
- » Ideal for HGV, plant and industrial applications, as well as Cars / LCVs etc.
- » 1" hex or 1/2" sq. dr.



OIL FILTER WRENCH KIT

GO605

- » To loosen and tighten fuel filters and oil filters.
- » The wrench is equipped with 2 extension half-shells (toothed on the inside), which are attached directly to the jaws of the filter wrench and can be secured in place. It can be used with or without extensions.
- » Can be used for filters with and without guide profiles.



VEHICLE FLUID CHANGE SYRINGE - 200cc

66050400

- » Transparent design to easily view the fluid.
- » Suitable for fluid suction and supply in vehicle service.
- » Composite plastic resistant to brake fluid and antifreeze.
- » 200cc capacity with quick disconnect tube.



VEHICLE FLUID CHANGE SYRINGE - 1.5L

66095100

- » Transparent design to easily view the fluid.
- » Suitable for fluid suction and supply in vehicle service.
- » Ideal for applications such as engine / gear oil and differential fluid.
- » 1.5L capacity with rotative off switch.





A collage of various automotive testing equipment, including gauges, hoses, nozzles, and fluid reservoirs, arranged on a white background. The items include: a dual-gauge manifold with black hoses; a black hand pump; a clear fluid reservoir with 'Sykes-Pickava' branding; a green-handled spray bottle; a black pressure gauge; a blue circular base; and several different types of nozzles and connectors. The word 'TESTING' is written vertically in large white letters on a teal background to the right of the collage.

TESTING

COOLING SYSTEM TESTING

315' SERIES COOLING SYSTEM PRESSURE TEST KIT

331595V3

- » Provides an effective solution when pressure testing the cooling system to help locate internal & external leaks.
- » Suitable for modern vehicles with in-built overflow at the top of expansion tank.

Contents:

- » Hand Pump with Pressure Gauge & Quick-Release fitting.
- » 16 x Threaded cap adaptors.
- » 3 x Bayonet Fitting cap adaptors.
- » Hose Assembly c/w quick-release fitting.
- » 1 x Cap Adaptor wrench.

New Applications Now Include:

- » Vauxhall: Adam, Astra J, Cascade, Corsa E, Meriva B, Mokka & Zafira Tourer C, Saab: 9-5 2010-, BMW 4.4/4.8/6.0 engines: 5 Series (F07/10/11) 2010-, 6 Series (F06/F12/13) 2011-, 7 Series (F01/02/03) 2009-, X5 (E70) 2008-, X6 (E71/E72) 2008-, and BMW i3 2013-, Mini models: F54, F55, F56, F57, R50, R52, R53, R56, R57, R58, R59 & R60.
- » For full application list see the website.



Spare Parts

Part No.	Description
33150100	Hand Pump (without hose)
33150300	Hose Assembly
33150400	Seal Kit

COOLING CAP SET

33159700

- » Set of 5 additional cap adaptors to update 33159500 to present coverage.

Contents:

- » 33156100 - Cap Adaptor 22
- » 33157500 - Cap Adaptor 20
- » 33157600 - Cap Adaptor 21
- » 33156300 - Cap Adaptor 16
- » 33157200 - Cap Adaptor 14

Applications:

- » BMW: 3i, Chevrolet: Orlando, Sonic, Spark, Trailblazer, Trax, Volt, Mercedes: A Class (168/169), B Class (245), Sprinter 06-, Vaneo (414), Mini: R55, R56, R57, R58, R59, R60, One, Clubman, Cooper, Countryman, Roadster, Saab: 9-5, Vauxhall: Adam, Ampera, Astra J, Astra GTC, Insignia, Meriva B, Mokka and Zafira C Tourer.



COOLING CAP SET

33159800

- » Set of 2 additional cap adaptors to update 331595V2 to present coverage.

Contents:

- » 33156100 - Cap Adaptor 22
- » 33157600 - Cap Adaptor 21

Applications:

- » BMW: 3i, Chevrolet: Orlando, Sonic, Spark, Trailblazer, Trax, Volt, Mini: R55, R56, R57, R58, R59, R60, One, Clubman, Cooper, Countryman, Roadster, Saab: 9-5, Vauxhall: Adam, Ampera, Astra J, Astra GTC, Insignia, Meriva B, Mokka and Zafira C Tourer.



INDIVIDUAL CAPS



33153500

- » Cap adaptor 9.
- » Audi.



33157500

- » Cap adaptor 20.
- » Saab - Echo.



33152200

- » Cap adaptor 8.
- » Seat & Volkswagen.



33154800

- » Cap adaptor 10.
- » BMW, Land Rover & Rover.



33155500

- » Cap adaptor 12.
- » Ford.



33154100

- » Cap adaptor 13.
- » Mercedes.



33157200

- » Cap adaptor 14.
- » Mondeo - Export.



33151200

- » Cap adaptor 11.
- » Audi & Porsche.



33156300

- » Cap adaptor 16.
- » Mercedes.



33156500

- » Cap adaptor 17.
- » BMW.



33155600

- » Cap adaptor 18.
- » Ford, Seat, Volkswagen.



33155800

- » Cap adaptor 19.
- » Subaru & Toyota.



33157300

- » Cap adaptor 21.
- » Alfa Romeo, Fiat, Saab, Ford, Opel & Vauxhall.



33156800

- » Cap adaptor 15.
- » Ford, Jaguar, Mazda & Volvo.



33151700

- » Cap adaptor 6.
- » Chevrolet, Ford, Jaguar, Land Rover, Mazda, Opel, Vauxhall, Saab & Daewoo.



33157600

- » Cap adaptor 21C.
- » Rolls Royce, Cadillac, Chevrolet, Daewoo, Opel, Vauxhall & Saab.



33151600

- » Cap adaptor 7.
- » Alfa Romeo, Citroen, Dacia, Fiat, Land Rover, Mercedes, Mini, Nissan, Peugeot, Renault, Suzuki, Mitsubishi, Toyota & Volvo.



33156700

- » Cap adaptor 4.
- » Citroen, Honda, Nissan, Peugeot, Daihatsu, Hyundai, Kia, Mazda, Subaru, Mitsubishi, Suzuki & Toyota.



33157100

- » Cap adaptor 5.
- » Opel/Vauxhall, Citroen, Fiat, Honda, Nissan, Daihatsu, Mazda, Suzuki, Toyota, Mitsubishi, Hyundai & Kia.



33156100

- » Cap adaptor 22.
- » BMW, Mini Clubman, Mini Cooper, Mini Countryman, Mini Coupe, Mini one, Mini Roadstar.

» Note: 315' Series Caps can be used with 318' Series Pump using adaptor 03186870.

COOLING SYSTEM TESTING



NEW

33150500

- » Pressure test kit with 2 common adaptors for most common vehicles.
- » Fits directly via an in-line connection to the expansion tank, no need for cap.
- » Connects directly to 331595V3 Cooling kit pump (33150100).



33157800

- » 315 Series Cap Adaptor.
- » Dennis Dart & Optare Solo.



33151500

- » Cap Adaptor 3.
- » Chrysler, FCA, Land Rover, Mercedes & Peugeot.

XL COOLING SYSTEM PRESSURE TEST KIT

331400V2

- » Kit now includes additional caps covering more applications.

Contents:

- » 10 x Reservoir & Radiator Pressure Caps:
- » 33141100 - Cap 1
- » 33141200 - Cap 2
- » 33141300 - Cap 3
- » 33141340 - Cap 4
- » 33141500 - Cap 5
- » 33141600 - Cap 6
- » 33141700 - Cap 7
- » 33141800 - Cap 8
- » 33147800 - Large Bayonet
- » 33142000 - Neutral
- » High capacity metal bodied hand pump (33140100).
- » Quick-Connect Hose Assembly (33140300).
- » Dual Gauge measures both p.s.i (0-35) and bar (0-2.5).
- » Additional Pressure Caps available - refer to applications guide.

Applications:

- » DAF / Iveco / MAN / Mercedes / Renault / Scania / Volvo plus wide ranging coverage for Plant / Construction / Military & Agricultural solutions.



Spare Parts

Part No.	Description	Part No.	Description
33140100	Pump & Gauge Assembly	33140300	Quick Connect Hose Assembly

INDIVIDUAL CAPS



33142800

- » Truck Applications: FH 2012 onwards, FM 2013 onwards, FMX 2010 onwards.
- » Bus Applications: B11 2011 onwards, BSTL 2013 onwards, B8 2013 onwards.



33141600

- » DAF - LF55, Mercedes - Actros, Atego, Axor, Eco 8401, MAN - F90, F2000, TGA/L/M/S, Iveco - Euro Star, Euro Tech, Euro Trakker, Euro Strahlis, Volvo - FL, FM.



33141800

- » Case/ County/ David Brown/ Ford/ Leyland Marshall/ Massey Ferguson/ New Holland - Agricultural Tractors (Bayonet Type Cap), DAF, JCB, John Deere Tractors & Mercedes-Benz (Sprinter).



33142500

- » Allows 314 series pump to be used with 315 caps.



33141500

» MAN - E2000, F2000, L2000, TGA.



33147800

» Dennis Dart PSVs/Optare Solo PSVs and related models.



33142000

» DAF - LF45, LF55, Fendt Tractors - Header Tanks (M48), Renault - D Series.



33141400

» Iveco - Daily, 2000, C series, Renault - Kerax, Magnum, Midlum, Premium.



33141300

» Volvo - FH12.



33141100

» DAF - XF95, XF105 & ERF - EC.



33141200

» SCANIA - 94, 113, 114, 124, 125, 144, 164, 4 Series

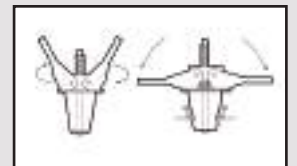


33141700

» Mercedes - Sprinter, Vito, Deutz - 1015

319 SERIES EXPANSION PLUG SYSTEM TEST KITS

- » 319 Series - Universal Expansion Plug System.
- » For use with hand pump or airline adaptor.
- » Also compatible with 318 Series threaded caps and adaptors to extend applications coverage.
- » Features a self-testing metal hand pump and precision gauge, with specially designed pressure release valve for safe depressurising of cooling systems.
- » Designed to cover three types of system test: Leak Detection, Temperature Testing, Thermostat and Thermo-Switch Operation.
- » The special patented design of the Expansion Plugs, features a tapered rubber cone to fit a variety of radiator and header tank neck diameters. With a range of just 5 plug sizes, it is possible to cover a very wide range of applications, from small cars to commercial vehicles & heavy plant.
- » The Safety Retaining Clamp has been specially designed to provide added safety in certain applications, e.g. plastic expansion bottles, situations of extreme cold, or very high water temperatures, and when it is not practical to fully clean the surfaces of the aperture neck. The Safety Retaining Clamp greatly reduces the risk of the expansion clamp slipping from its fixed position, particularly under high pressure, and it is recommended to be used for all applications.
- » Blanking caps are also provided with the 319 Series System Testers, in order to perform radiator sealing tests, off the vehicle.
- » Temperature testing can be carried out by using the thermometer in conjunction with the appropriate expansion plug and by observing the change (or lack of change) in the fluid temperature and by measuring the rate of change of temperature.



CAR KIT

33190000

Contents:

- » Pump, gauge and hose assembly.
- » Universal expansion plugs x 3 (applications range from 21 to 50mm apertures).
- » Safety Retaining clamp
- » Thermometer.
- » Small bayonet adaptor for Japanese / Korean models with bayonet cap fitting (031916V2).



Spare Parts

Part No.	Description
03190100	Pump & Gauge Assembly
03192500	Thermometer

COOLING SYSTEM TESTING

COMMERCIAL KIT

033190500

Contents:

- » Airline adaptor and gauge assembly, for fast pressurising of large capacity systems on commercial vehicles and plant equipment.
- » Universal expansion plugs x 2 (apps range from 33 to 65mm apertures).
- » Safety Retaining clamp.
- » Thermometer.



Spare Parts

Part No.	Description	Part No.	Description
01393000	Airline Adaptor & Pressure Gauge	03192500	Thermometer

EXPANSION PLUGS

Part no.	Application Range
03191100	21-38mm
03191200	27-42mm
03191500	27-44mm
03191300	33-50mm
03191400	40-65mm
03193300	33-50mm (without handles)



03191200



03191500



03193300

317/318 SERIES COOLING

319' SERIES PUMP & GAUGE ASSEMBLY

03190100



- » British made metal hand pump c/w flexible hose to pressurise cooling system via 319 and older 318 couplings.
- » Includes dual marked psi / bar pressure gauge.

CAP ADAPTOR - ASIAN

031916V2



- » To be used with the 318 / 319 Cooling System Pressure Testing Series.

CAP/PUMP CONNECTOR HOSE ASSEMBLY

038122V2



- » Threaded Cap Connector Hose for 318 Series Pump.

STANDARD BAYONET CAP CONNECTOR HOSE

031802V2



- » Bayonet Cap Connector Hose for 318 Series Pump.

STANDARD CONNECTOR - SMALL BAYONET FITTING

031702V2



- » For use with 317 Series quick-connect system - Connects to 03170100 - 317 Series Pump with quick-connect coupler.
- » Diameter - 36mm.

STANDARD CONNECTOR - LARGE BAYONET FITTING

031703V2



- » For use with 317 Series quick-connect system - Connects to 03170100 - 317 Series Pump with quick-connect coupler.
- » Diameter - 48mm.

PUMP & GAUGE ASSEMBLY C/W QUICK CONNECT COUPLING

03170100

- » Featuring a self-testing metal hand pump and precision gauge, with specially designed pressure release valve for safe de-pressurising cooling systems.
- » Ideal for detecting leaks in radiators, heater matrix, hoses, cylinder heads, engine blocks, water pumps etc.
- » 317 series pump assembly can also be used with more modern 315 Series Cooling System.
- » Optional adaptor 03186870 allows use with 319 Series Caps.



XL COMBUSTION LEAKAGE TESTING

33145000

- » Fast and accurate diagnosis of cylinder head gasket leaks.
- » Quick connector for use with 33140000 and 331400V2 cap adaptors.
- » Suitable for use with both petrol & diesel engines.
- » Supplied with standard and sensitive reaction test fluid (100ml).



UNIVERSAL COMBUSTION LEAKAGE TESTER- HGV

33145500

- » Quick test combustion leakage tester.
- » 25 to 50mm cone.
- » Fast and accurate diagnosis of cylinder head gasket leaks.
- » Suitable for use with both petrol & diesel HGV engines.
- » Supplied with standard and sensitive reaction test fluid (100ml).



COMBUSTION LEAKAGE TESTER

33195000

- » Combustion Leakage Tester.
- » Accurate and fast diagnosis of cylinder head gasket leaks.
- » Quick connector for use with 315 / 316 / 317 Series Cap Adaptors.
- » Suitable for use with both Petrol & Diesel Engines.
- » Supplied with standard and sensitive reaction test fluid (100ml).



COOLING SYSTEM TESTING

REACTION FLUID (STANDARD) 250ML

33194200

- » 250ml replacement bottle of Combustion Reaction Fluid for use with SP Combustion Leakage Testers: 33195000 / 33145500 / 33145000.



REACTION FLUID (SENSITIVE) 250ML

33194400

- » 250ml replacement bottle of Combustion Reaction Fluid for use with SP Combustion Leakage Testers: 33195000 / 33145500 / 33145000.



DIESEL COMPRESSION

UNIVERSAL DIGITAL PRESSURE TESTER- COMPREHENSIVE KIT

NEW

33100000

- » Save, export, print and share results for selected applications.

Possible Applications:

- | | |
|-------------------------------|----------------------------|
| » Compressions- Petrol/Diesel | » Ad Blue Pressure |
| » Oil pressure** | » Fuel Low Pressure |
| » Turbo Pressure | » Vacuum Pressure |
| » Cooling System Pressure | » Particle Filter Pressure |

Digital Kit Advantages:

- » Easier to see smaller variations in pressure and vacuum.
- » Option to print results/evidence for reference or to present to customers.
- » Easier to read and provides more accurate readings than a traditional analogue gauge; which is essential for correct diagnosis on current models.
- » Suitable for high pressure petrol & diesel readings (with optional transducer & fittings).
- » Unit pre-programmed for future add-on kits.
- » Compatible with previous and existing gauge products from Sykes-Pickavant.

Full Kit Contents:

- | | |
|--|---|
| » Tester | » Universal Petrol Compression Adaptor |
| » Sensor 0 to 300 bar | » Eight Specific Professional Quick Coupling Adaptors |
| » Sensor 1>3 Bars | » Vacuum Adaptors |
| » Universal Diesel Compression Adaptor | |
| » **adaptors required for entry via oil pressure sensor. | |



DIESEL HIGH PRESSURE ADAPTORS

33100700

- » For use with - 33100000 - Universal Digital Pressure Tester - Comprehensive Kit.
- » All adaptors feature a M12 x 150 thread to use with the pressure kit hoses and the other ends are as follows:
- » M12 x 125 (2x)
- » M14 x 100 (1x)
- » M14 x 150 (2x)
- » M16 x 100 (1x)



DIESEL HIGH PRESSURE KIT

NEW

33100100

- » For use with 33100000- Universal Digital Pressure Tester - Comprehensive Kit.
- » Safely test the diesel common rail pressure, both in line (in series with engine running) and for direct pump pressure (cranking the engine).
- » Instead of the pressure information provided by the cars sensor that may have an issue, this set provides all hardware (special sensor, plugs, hoses) to perform a precise and accurate test when used with the 33100000 Digital Pressure Tester.
- » The hoses included in the set will allow measurement and diagnosis on most common rail engines.

Full Kit Contents:

- » 2000 Bar Sensor
- » Sensor Plug for direct pump pressure
- » Retrieving Reservoir
- » 2 x M12 x 150 Hoses for most common applications



COMMON RAIL DUMMY REGULATOR SET

33100500

- » This set, when used with 33100100, will allow bypass of the pumps regulator and measure the pressure to diagnose any regulator or pump issue.
- » After observing the weak pump pressure : Simply remove the regulator, and choose the right dummy plug to bypass and seal the port. If the pressure returns to normal, the regulator causes the loss of pressure. If the pressure stays too low, the pump is defective. This test is recommended by manufacturers of high pressure pumps.
- » Kit includes 8 different dummy to seal any regulator ports.



COMMON RAIL CAP SET

33100400

- » When used with the 33100100, this set will allow closure of fuel inlet injectors directly on the common rail to identify whether an injector is leaking or not.
- » Works for 3, 4, 5 & 6 cylinder engines.
- » Includes 6 x M12x150 plugs & 6 x M14x150 plugs.



ADAPTORS

Part no.	Adaptors
331000-01	Male & Female 9.89mm
331000-02	Female & Female 90° 9.89mm
331000-03	Male & Female 6.30mm
331000-04	Female 90° 9.89mm
331000-05	Male and Female 90° 7.89mm
331000-06	Vacuum Connector
331000-07	Male 9.89mm & Female 90° 11.5mm
331000-08	Male 9.89m & Female 90° 12mm



DIESEL COMPRESSION

DIESEL ENGINE COMPRESSION TEST KIT - CRD

31427500

- » Comprehensive test kit specifically designed to cover a wide range of modern common rail diesel injected engines.
- » Checks engine compressions under cranking conditions.
- » Enables cylinder access through dummy injector and glow plug adaptors.
- » Built-in pressure relief valve enables repeat tests without dismantling.

Contents:

- » 60bar Diesel Compressions Test Gauge
- » 15x Dummy Glow Plugs for CRD engines
- » CRD Dummy Injector and Clamps for applications where it is easier to remove the injector
- » Supplied in plastic case with foam insert

Applications:

- » Mercedes CDI 2.0, 2.1, 2.2, 2.7, 3.0, 3.2, 3.9, 4.0 (M8 & M10)
- » Opel / GM 1.7DI, DTI, CDTI, 2.0 / 2.2DT, DTI, DDTI
- » Also fits VAG Common Rail 1.6, 2.0, 2.7, 3.0TDI



Spare Parts

Part No.	Description
31420100	Gauge Assembly

Kit Contents

Ref	Length	Thread	Make	31427500	314200V3	314285V2
31420970	105	M10 x 1.25	Mini / Subaru / Toyota	•	•	
31421670	110	M9 x 1.0	Alfa / Chrysler / Fiat / Opel / Vauxhall / Saab / Suzuki	•	•	
31421770	135	M10 x 1.0	Mercedes / Nissan / Opel / Vauxhall / Renault	•		
31422370	48	M10 x 1.25	Mercedes / Chrysler	•		
31423170	80	M8 x 1.0	Fiat / Opel / Vauxhall	•	•	
31424970	91	M10 x 1.0	Ford / Jaguar / Land Rover / Mercedes / Peugeot	•	•	•
31425270V2	71	M10 x 1.0	Citroen / Fiat / Ford / Peugeot / Suzuki / Volvo	•	•	
31425470V2	58	M10 x 1.0	Ford / Smart	•	•	
31425970V2	58	M10 x 1.0	Alfa / Fiat / Opel / Vauxhall / Peugeot / Saab / Suzuki	•	•	
3142677V2	129	M10 x 1.0	Nissan / Opel / Vauxhall / Renault	•		
3142687V2	88	M10 x 1.0	Audi / Chrysler / Mercedes / Opel / Vauxhall / Porsche / Seat / Skoda / VW	•	•	
31426970V2	109	M12 x 1.25	Chevrolet / Honda / Opel / Vauxhall / Renault	•		
31427170V2	120	M10 x 1.25	Hyundai / Kia / Mazda / Toyota	•		
31427470V2	77	M10 x 1.0	Audi / BMW / Citroen / Dacia / Honda / Hyundai / Kia / Land Rover / Mercedes / Mini / Nissan / Opel / Vauxhall / Peugeot / Renault / Rover / Seat / Skoda / Subaru / Suzuki / Toyota / VW / Volvo	•	•	•
31427770V2	82	M8 x 1.0	Citroen / Fiat / Ford / Jaguar / Land Rover / Mazda / Mini / Peugeot / Suzuki / Toyota / Volvo	•	•	•
31427270	77	M9 x 1.0	Alfa / Chevrolet / Chrysler / Fiat / Ford / Opel / Vauxhall / Peugeot / Suzuki		•	
31421570V2	138	M8 x 1.0	Audi / Chrysler / Seat / Skoda / VW		•	
31428570	54	M8 x 1.0	Citroen / Fiat / Ford / Jaguar / Land Rover / Peugeot			•

DIESEL BLEED RATCHET KIT

31467600

- » Connects to 3/8 drive air ratchet to replace the hand pump section in 31467500 - Diesel Fuel System Bleeding kit to generate faster flow.
- » Easily engages with all 3/8 Dr. air ratchets.
- » Retaining bracket holds pump during use for one-hand operation.
- » Supplied in plastic case.



DIESEL ENGINE COMPRESSION TEST KIT - CAR

314200V3

- » Comprehensive glow plug test kit for common diesel engines.
- » Checks engine compression under cranking conditions and enables cylinder access through glow adaptors.
- » Built-in pressure relief valve enables repeat tests without dismantling.

Contents:

- » Gauge (0-60 bar, 0-860 psi)
- » Hose Assembly
- » 12x Dummy Flow Plugs (3 x M8, 2 x M9 & 7 x M10)



Spare Parts

Part No.	Description
31420100	Gauge Assembly

DIESEL ENGINE COMPRESSIONS TEST KIT- CV

31430000

- » A starter kit of adaptors and clamping plates for checking compressions on both direct and indirect Commercial Diesel Injector Engines.
- » Suitable for all types of heavy duty diesel engines - Industrial, Plant, Marine, Agricultural.

Specifications:

- » Hose Assembly Length: 560mm
- » Gauge Scale Range: 0-60 bar, 0-860 psi
- » Gauge Diameter: 83mm
- » Gauge to DIN16005, DIN16063, BS1780 Standards

Contents:

- » Diesel Compression Gauge
- » End Adaptors x3
- » Spacers x5
- » Clamp Plates x2
- » Centre Pillar
- » Elbow Connector



Spare Parts

Part No.	Description
31420100	Gauge Assembly

DIESEL ENGINE COMPRESSION TEST KIT- LANDROVER

314285V2

- » Updated Kit now includes NEW TD5 Compression Tester.
- » Checks engine compression under cranking conditions.
- » Enables cylinder access through dummy glow plug adaptors.
- » Built-in pressure relief valve enables repeat tests without dismantling.

Contents:

- » 0-60 bar pressure gauge
- » 4x Glow Plug Adaptors



Spare Parts

Part No.	Description
31420100	Gauge Assembly

PETROL COMPRESSION

PETROL HIGH PRESSURE KIT

33100300

- » For use with 33100000 - Universal Digital Pressure Tester - Comprehensive Kit.
- » Using this kit alongside the 0-300bar sensor included in the 33100000, it's possible to test the high pressure of most popular petrol engines (FSI, TFSI, TCE, T-Jet, etc).

Contents:

- » HP1 = M12x150
- » HP2 = M12x125
- » HP3 = M14x150
- » HP4 = M10x100
- » HP5 = M8x100



PETROL ENGINE COMPRESSION TESTER- QUICK-RELEASE KIT

31407500

- » Specially designed for deep seated spark plug ports with long narrow threads, as found on many modern petrol engines.
- » Includes M12 and M14 spark plug adaptors - M12 spark plugs are now commonly being used by: Alfa Romeo, Audi, BMW, Citroen, Dacia, Fiat, Ford, Hyundai, Jaguar, Kia, Land Rover, Mercedes, Mini, Nissan, Peugeot, Renault, Seat, Skoda, Smart, Toyota and VW.
- » Positive lock - quick release connector, ensures adaptors cannot accidentally be left in the spark plug port.
- » Specially designed self-centering adaptors ensure minimal risk of cross threading when attempting to screw the compression adaptor in to the spark plug port.
- » Gauge Scale: 0 - 20bar, 0 - 290psi.



PETROL ONLY CYLINDER LEAKAGE TESTER KIT

31370500

- » An alternative to conventional compression testers, which provides a direct indication to the location of the leak by measuring the rate of loss of compression for individual cylinders.
- » Helps to diagnose worn / broken piston rings, burnt / leaking valves and faulty head gaskets.
- » Supplied with M12 and M14 brass quick release spark plug adaptors to suit most modern petrol cars.
- » Adaptors from petrol compression kits and diesel common rail kits are also compatible with the cylinder leakage tester.



Spare Parts

Part No.	Description
31381070	Tester Body
31370170	Hose Assembly

COMBINED PETROL & DIESEL CYLINDER LEAKAGE TESTER KIT

31370000

- » An alternative to conventional compression testers, which provides a direct indication to the location of the leak by measuring the rate of loss of compression for individual cylinders.
- » Helps to diagnose worn/broken piston rings, burnt/leaking valves and faulty head gaskets.
- » Includes a selection of glow plugs and an adjustable dummy injector for modern diesel engines. The adaptors are also compatible with diesel compression testers - 31427500.
- » Supplied with M12 and M14 brass quick release spark plug adaptors to suit most modern petrol cars.
- » Adaptors from petrol compressions kits and diesel common rail kits are also compatible with the cylinder leakage tester.



Spare Parts

Part No.	Description
31381070	Tester Body
31370170	Hose Assembly

OIL PRESSURE TEST KIT

31470000

- » Helps to diagnose worn oil pumps and engines, faulty oil pressure switches and pressure warning indicators.
- » Shock protected dual scale gauge, for quick and accurate oil pressure checks.
- » Permanently oil primed, long flexible hose, enables access to difficult to reach oil switch ports.
- » Small profile, quick coupling adaptors with built-in shut-off valve for fast secure connection.
- » Includes oil pressure test gauge c/w 1m oil primed hose and 11 x oil switch port adaptors.
- » Supplied in plastic case with foam insert.

Specifications:

- » 1m flexible oil primed hose
- » Gauge Scale 0 - 10bar, 0 - 150psi
- » Gauge Diameter: 80mm
- » Gauge to DIN16005, DIN16063, BS1780 standards



Spare Parts

Part No.	Description
31470100	Gauge Assembly

10 BAR GAUGE ASSEMBLY

31470100

- » 10 Bar Gauge Assembly for 31470000 Oil Pressure test Kit.



PETROL COMPRESSION

POLISHED HOSE ASSEMBLY

31370170

- » Polished Hose Assembly for 31370000 Combined Petrol & Diesel Cylinder Leakage Tester Kit / 313705000 Petrol Only Cylinder Leakage Tester Kit.



FUEL INJECTION

VW GROUP FUEL PUMP PRESSURE TEST KIT

314925V2

- » Includes 90 degree elbow to overcome access issues on certain models.
- » A specially designed Fuel Pressure Tester for the PD & FSi ranges of engines as used by VW Group.
- » 20 Bar Pressure Gauge as both PD and FSi fuel pumps operate at higher pressures than normal fuel pumps.
- » Extra long hose assembly for ease of access.
- » Includes special PD fuel pump quick connector (Diesel) and 2 x special FSi fuel pump connectors for 1.6, 1.8, 2.0 FSi engines with Bosch fuel pumps.
- » Spare parts available, see website for more information.



PREMIER LOW PRESSURE FUEL TEST KIT

31469000

- » A comprehensive high quality OEM standard low pressure diesel and petrol pressure kit.

Contents:

- » Shock protected, fuel resistant dual scale gauge - to 10 bar / 145psi
- » Relief valve for safe de-pressurisation
- » Vacuum gauge assembly
- » Fuel tap and T-connector assembly
- » Quick-coupling adaptors and connectors with reinforced hoses and brass fittings
- » 4 x Schrader valve connectors
- » Latest fittings for Jaguar Land Rover variant engines
- » Supplied with easy to follow fitting / application instructions

Applications:

- » Alfa, Audi, BMW, Chrysler, Citroen, Ferrari, Fiat, Ford, GM, Jaguar, Land Rover, Mercedes, Mini, Peugeot, Renault, VW and Volvo.
- » Spare parts available, see website for more information.



Spare Parts

Part No.	Description
31487100	Gauge Assembly

FUEL INJECTION PRESSURE TEST KIT FOR PETROL ENGINE VEHICLES

314875V2

- » Universal Injection Pressure Test Kit for modern Electronic, Multi-point injection systems.
- » Shock protected, fuel resistant dual scale gauge to 10bar / 145psi.
- » Relief valve for safe depressurisation.
- » Quick coupling adaptors and connectors.

Wide applications range:

- » S type, 8mm plastic push-in fittings, as used on Alfa, Audi, Citron, Fiat, Ford, GM, Peugeot, VW etc
- » Schrader type valve test port adaptors (7/16 & 8mm) as used on Alfa, BMW,
- » Chrysler, Ferrari, Fiat, Ford, GM, Mercedes, Mini, Volvo etc
- » Specialist Renault fittings for use on Renault 1.2 / 1.4 / 1.6 Petrol Engines - Clio, Twingo, Kangoo, Extra, Megane, Scenic etc
- » Supplied in plastic case with foam insert
- » Optional fittings available to suit older vehicles, see website.
- » Spare parts available, see website for more information.



Spare Parts

Part No.	Description
31487100	Gauge Assembly

10 BAR GAUGE ASSEMBLY

31470100

- » 10 Bar Gauge Assembly for 3148 range of Fuel Injection Pressure Testers.



RENAULT T-CONNECTORS

31489000

- » Fuel Injection Special Adaptors (x2).
- » 10 / 12mm.
- » Included in standard MPI kits but available separately as an add-on for owners of older kits (Petrol Applications).



FIAT / GM QUICK CONNECTORS

31488500

- » Fuel Injection Special Adaptors (x2).
- » Fiat / GM Quick-Connect.
- » Included in standard MPI kits but available separately as an add-on for owners of older kits. (Petrol & Diesel Applications).



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FUEL INJECTION PRESSURE TEST KIT FOR SCHRADER TEST PORTS

31489500

- » Fuel Pressure test kit containing three Schrader Test Port adaptors and flexible hose for ease of access.
- » Schrader test ports are the preferred method of measuring fuel pressure on vehicles with fuel rails.
- » Quicker and easier than breaking into fuel lines.

Applications:

- » 8mm Schrader valve connector - as fitted on some BMW, Ford, Mini, PSA, VAG and Volvo models
- » 7/16 Schrader valve connector - as fitted on some Chrysler, Mercedes, Vauxhall and Opel models
- » M8 Quick release Schrader valve connector - as fitted to Alfa Romeo, Fiat and new Ford KA
- » Supplied in cardboard carton
- » Spare parts available, see website for more information.



Spare Parts

Part No.	Description
31487100	Gauge Assembly

COMPREHENSIVE SCHRADER VALVE TEST SET

31485300

- » Set of schrader type fuel port test adaptors which can be used with the fuel pressure gauge supplied in the Diesel Fuel System Bleeding Kit - Master Kit - 31467000.
- » Can be used to bleed air from the Schrader valve test port on specific vehicles - e.g. Saab.
- » Schrader test ports are the preferred method of measuring fuel pressure on vehicles with fuel rails.
- » Quicker and easier than breaking into fuel lines.
- » Applications include: Alfa Romeo, BMW, Fiat, Ford, Jaguar, Land Rover, Mini, Saab, Vauxhall, Mercedes and Volvo.



DIESEL FILTER FILLER/ BLEEDER

51502700

- » For quick, clean and problem free bleeding of the diesel Filter (filling of the diesel filter).
- » For bleeding the low pressure side from the tank to the filter .
- » Three flexible rubber pipes for connecting to 5 - 12mm male fuel pipe fittings.
- » Common applications include; VW, Seat, Skoda, Audi, Mercedes CDI, Peugeot HDI, Renault, Fiat, etc.



SELECTLINE AUTOMOTIVE TUNE-UP & BRAKE BLEEDING KIT

MV8000

- » Ideal for brake bleeding and basic diagnostic checks requiring vacuum.
- » Lightweight, non-corrosive and chemical resistant pump.

Contents:

- » Selectline PVC Hand Vacuum Pump
- » 135ml Fluid Reservoir with transfer lid
- » Selection of breed screw adaptors & manifold plugs
- » Tubing & Tube Connectors



MITYVAC SELECTLINE HAND PUMP

MV8010



- » Pump with gauge only.

MITYVAC SILVERLINE HAND PUMP

MV8510



- » Pressure Hand Pump to 4 Bar.
- » Pump with gauge only.

MITYVAC SILVERLINE ELITE AUTOMOTIVE KIT

MV8550

- » Ideal for a wide variety of workshop tasks requiring vacuum and / or pressure featuring a dual convertor to switch from vacuum to pressure.
- » Ideal for a wide variety of diagnostic tests which require a pressure source- e.g. EVAP sensors, Cooling system leak tests etc.
- » Ideal for a wide variety of workshop tasks requiring vacuum and / or pressure- e.g. Diagnostics, brake bleeding, fluid transfer, evacuation, sampling etc.

Contents:

- » Silverline Die-Cast Aluminium Vacuum & Pressure Pump to 4bar (60psi) pressure
- » Large 480ml Fluid Reservoir with quick connection to pump
- » Selection of 12 vacuum caps
- » Diagnostic / Brake Bleeding Adaptor kit
- » Tubing and Tube Connectors



Spare Parts

Part No.	Description
31487100	Gauge Assembly

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VACCUUM & FLUID EVACUATING

MITYVAC FLUID EVACUATOR PLUS

MV7201

- » For fluid evacuating and dispensing.
- » Changes from evacuation to dispensing at the press of a button.
- » 9ltr capacity reservoir with stabilizer base.
- » Automatic shut-off prevents accidental over-filling.
- » Manual pump for mobility no air or electric supply required.

Supplied with evacuation dipstick tubes and adaptors:

- » 1.5mtr x 5.7mm diameter/1.5mtr x 6.6mm diameter/1.5mtr x 10mm diameter.

Features:

- » New improved gasket design ensures airtight seal for vacuum/pressure.
- » Self-locking retaining nuts ensure the lid remains securely clamped and will not loosen allowing pressure / vacuum leaks.
- » Overflow shut-off valve with threaded connection so it remains securely in place.

Ideal for use dispensing and extracting:

- » Engine Oil / Transmission Fluid / Gear Oil
- » Brake Fluid / Power Steering Fluid / Coolant



MITYVAC PNEUMATICVAC FLUID EVACUATOR

MV7300

- » For vehicles that need to have diesel drawn back up to the engine from the fuel tank after service work.
- » Operates on compressed air to create a powerful vacuum for bleeding the most difficult of vehicles.
- » 9ltr capacity reservoir to ensure all the air is removed from the fuel suction system.
- » Includes an adaptor to connect to bleed kit.
- » Automatic shut-off prevents accidental over-filling.
- » Compressed air connection on base for stability, with independent air shut-off valve.

Features:

- » Improved gasket design ensures air tight seal for vacuum/ pressure.
- » Self-locking retaining nuts ensure the lid remains securely clamped to prevent pressure/vacuum leaks.
- » Overflow shut-off valve with threaded connection.
- » Supplied with evacuation dipstick tubes and adaptors.
- » Can also be used for extracting: Engine Oil/ Transmission Fluid/ Gear Oil/ Brake Fluid/ Power Steering Fluid and Coolant.



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SCAN ME

MITYVAC FLUID DISPENSING SYSTEM

SP MV6400

- » Designed for topping off fluid reservoirs including master cylinders, gearboxes transmissions, power steering reservoirs, etc.
- » Large (5 litre) fluid capacity and 5 (feet) long hose with dispensing wand and flow control valve make it ideal for accessing hard to reach reservoirs and fill plugs.
- » For transmission refill and pressure bleeding applications, the MV6400 is compatible with Mityvac ATF and pressure bleed adaptors.
- » Fluid is dispensed under pressure for smooth continual flow.
- » Integrated manual pump adds air above the fluid level to prevent aeration.
- » Internal pump components are sealed against exposure to fluids.
- » ON/OFF and flow control valve are conveniently located near fluid output.
- » N.B. Not for use with flammable liquids such as petrol / diesel etc or with any other fluids at temperatures above 80°C.



CIRCUIT & ELECTRICAL TESTING

CORDLESS CIRCUIT TESTER

SP 30042400

- » Suitable for testing DC circuits from 3v to 28v.
- » No ground wire or clips required.
- » Unique V-groove needle accessory for wire piercing.
- » Three-way voltage indication - Illuminates LED, buzzes and vibrates on contact with live wire.
- » Solid state lamp for longer lasting performance.
- » Safe to use on Engine Management systems - e.g. ECMs, Sensors, Transducers etc.
- » Supplied with long-life alkaline batteries.



CIRCUIT TESTER

SP 01490000

- » 6 / 12 / 24 volts.
- » Robust handle with hardened steel probe.
- » 1.5m heavy duty insulated rubber lead.
- » Uses standard automotive bulb to indicate continuity.



INTELIPROBE 6-24V TESTER

SP 30042600

- » Ideal for locating bad earths, breaks in continuity, and short circuits.

Intelligent Auto Probe for testing:

- » 6v - 24v circuits
- » Energize Components
- » Polarity test
- » Continuity test
- » Short Circuit Protection



GENERAL DIAGNOSTIC TESTING TOOLS

WIRELESS ELECTRONIC STETHOSCOPE KIT "CHASSISEAR"

 **30047500**

- » The Wireless Electronic Stethoscope is designed for the detection of vehicle noises e.g. rattles, squeaks and air ingress under load, during a road test and for the diagnosis of a wide variety of potential faults e.g. wheel bearings, CV joints, differentials, transmission, injectors, alternators, water pumps, AC compressors and many more.
- » Can be used on cars, vans, trucks, buses etc as there are no cable length issues to overcome.
- » Consists of Receiver Unit, 4 x Transmitter Units (4 channels), 4 pick-up leads, pick-up fixing straps, headphones, batteries, instruction manual & storage case.
- » Pick-up clamps can be attached to many different parts of the vehicle in order to amplify the sounds made under load and in actual driving conditions.
- » N.B. Due care and consideration should be taken of driving conditions and regulations when operating the ChassisEAR™ on the road.



SONOSCOPE

 **32370000**

- » Super sensitive sound detector, with a built-in diaphragm which amplifies noise, for assisting in the diagnostic process.
- » Robust metal and plastic construction, with 550mm hose and 290mm probe.

Helps to diagnose many vehicle problems, including:

- » Noisy water pumps
- » Faulty wheel bearings
- » Alternator and power steering problems
- » Air conditioning compressor bearings
- » Camshaft and crankshaft knocks



DUAL LASER INFRA-RED THERMOMETER

 **30044000**

- » High precision non-contact thermometer.
- » Dual Laser beams are targeted on a single spot ensures optimum distance from object for accurate temperature measurement.
- » Temperature range: -50° to 550°C
- » Accuracy: +/- 1.5% at 550°C

Features:

- » Backlit LCD display
- » MAX temperature display
- » Automatic data hold & display resolution
- » High and Low temp alarm setting
- » Ideal for Aircon, Cylinder temp, Brake temp, Cooling System, Exhaust Cat etc.



GAS EXHAUST ANALYSER

- » Diagnose engine / exhaust / catalytic converter faults quickly.
- » Unique Non-Dispersive Infrared (NDIR) sensors designed to meet official test standards.
- » Identify fuel flow, misfire & EVAP problems.
- » Pre-compliance & roadside emissions tester.
- » Measure Lambda & AFR to improve engine efficiency & fuel consumption.
- » Test vehicles under real world driving conditions.
- » Take EGA to vehicle, not vehicle to analyser.
- » Test vehicle A/C & refrigeration systems with optional adaptors.

Features:

- » Large graphic display.
- » Unique NDIR sensors for accurate measurements with fast warm up.
- » Store over 200 tests.
- » Rechargeable battery with minimum 4 hour life.
- » Rugged & portable with protective rubber sleeve.

Fuel Types:

- » Petrol / Gasoline
- » Diesel
- » LPG or CNG
- » Most refrigerants



Gas	32620000 4 Gas	32625000 5 Gas
CO	0-10%	0-10%
O2	0-21%	0-21%
CO2	0-20%	0-20%
NO	N/A	0-1500ppm
HC	0-5000ppm	0-5000ppm

WIRELESS PRESSURE PROBE X2

32620100

- » Wireless pass through pressure probes for heat pump, A/C & refrigeration system pressure tests.
- » Connects to 4 and 5 gas analysers 32620000 & 32625000.



WIRELESS PIPE CLAMP PROBE X2

32620200

- » Wirelessly measure and display system temperatures including:
- » Flow & return.
- » Boiler commissioning test.
- » Monobloc Heat Pump.

Specifications:

- » Work in tight spaces for pipe diameters up to 38mm
- » Range: 0 - 80°C
- » 100m line of sight range
- » Connects to 4 and 5 gas analysers 32620000 & 32625000





BATTERY CARE



BATTERY BOOSTER PACKS

GIGA LITHIUM BATTERY BOOSTERS

NEW

- » The lithium booster is a powerful and ultra-light booster for professional use - The GIGALITHIUM boosters are suitable for difficult to start vehicles but can also be used to protect/remember the memory of vehicles. Thanks to the memory saver in the booster, the memory of the car such as codes and the clock remains present during a possible battery change.

GIGA LITHIUM BATTERY BOOSTER- 12V

NEW

341200SP

- » The GIGALITHIUM Booster 12V booster can handle all 12V motor sizes and with up to 25 starts on a charge, it's the ideal booster for auto repair shops, auto transport, roadside assistance in need of start-up assistance.
- » Longer life span, no maintenance, extremely safe, lightweight, improved discharge and charge efficiency.
- » LiFePO4.

Specifications:

- | | |
|-------------------------------------|------------------------------------|
| » Operating Voltage: 12V | » Reverse Polarity Protection: Yes |
| » Cranking Amps: 800A | » Short Circuit Protection: Yes |
| » Cable Length: 50cm | » Overvoltage Protection: Yes |
| » Cable Size: 10mm | » Memory Saver: Yes |
| » Automatic Charger: 14.5V | » Dimensions: 445 x 250 x 115 |
| » Battery Type 2 Pack Lithium: 1.3A | » Weight: 3 Kg |



GIGA LITHIUM BATTERY BOOSTER- 12/24V

NEW

341400SP

- » GIGALITHIUM in 12/24V is one of the most powerful boosters in the range. Suited for cars, vans, or any other 12V vehicle. But also your first aid for all 24V vehicles like trucks etc.
- » Longer life span, no maintenance, extremely safe, lightweight, improved discharge and charge efficiency.
- » Will charge 40 vehicles on one charge.
- » LiFePO4.

Specification:

- | | |
|-----------------------------------|--|
| » Operating Voltage: 12/24V | » Automatic Battery Charger: 14.5V |
| » Continuous Current: 2000/1000A | » Battery Type 2 Pack Lithium: LiFePo4 |
| » Start Max Ampertage: 5000/2500A | » Reverse Polarity Protection: Yes |
| » Peak Amp: 10000/5000A | » Short Circuit Protection: Yes |
| » Clamp Output: 1000A | » Overvoltage Protection: Yes |
| » Cable Length: 160cm | » Memory Saver: Yes |
| » Cable Size: 25mm | » Dimensions: 350 x 240 x 140 |
| » Maximum Charge Voltage: 14.5V | » Weight: 5 Kg |



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SCAN ME

12/24V PRO-START PLUS BOOSTER

Pro-Start Booster Packs - Plus Range for super heavy duty charging.

Applications:

761001SP

- » 12v petrol or diesel, light trucks, 4x4.
- » 24v diesel vehicles with engines up to 500HP (partially flat battery) agricultural service and heavy trucks.

761006SP

- » Petrol or diesel, vans, 4x4, agricultural service, heavy trucks.
- » 24v diesel vehicles with engines up to 500HP (partially flat battery) agricultural service and heavy trucks.



Part no.	Description	Voltage	Cranking Amps	Peak Amps
761001SP	Pro-Start Plus 1400	12/24V	1400 / 700	3720 / 1860
761006SP	Pro-Start Plus 1600	12/24V	1600 / 800	4740 / 2370

12/24V SOS MOBILE BOOSTER

SOS96000

- » Batteries based on aerospace technology for exceptional, dependable power and life.
- » Portable and self sufficient: Light and easy to transport, yet with enough power to get the job done regardless of the condition of the battery.
- » Extra long cables provide the flexibility to place the unit on the ground, allowing for one man operation.
- » Designed to protect the electronic equipment on the most sophisticated vehicles.
- » Internal Fuses: To protect the batteries against short-circuits and power surges.
- » Batteries: Type AGM / MF.
- » Cables: Radaflex® 'Welding' with double isolation for optimal current conductivity & maximum flexibility.
- » 12V petrol or diesel, trucks, 4x4s, agricultural and plant equipment.
- » 24V diesel heavy trucks, buses, tanks, planes, boats and trains.



Voltage	Cranking Amps	Peak Amps
12/24V	3200 / 1600	7750 / 3875

SPEEDLINE BATTERY BOOSTERS

NEW

- » All include super powerful AGM batteries.
- » Can be used as a 12V power source or memory saver.
- » Ribbed and durable ABS chassis.
- » Colour-coded LED charge indicator allows the user to easily control the charge level of the internal battery and test the alternator of the vehicle.
- » Industrial-grade angled clamps with short-circuit protection fuse inside red clamp.
- » Supplied with an automatic 12V charger and an optional 12V cable for charging unit in a vehicle.

Part No.	Description	Voltage	Cranking Amps	Peak Amps
SPEEDLINE3100	Booster Pack 12V AGM	12V	1200	3100
SPEEDLINE3200	Booster Pack 12V AGM & Docking Station	12V	1200	3100
SPEEDLINE5000	Booster Pack 12/24V AGM	12/24V	2000/1000	5000/2500
SPEEDLINE6200	Boost Pack with Trolley 12/24V AGM	12/24V	2400/1200	6200/3100



SPEEDLINE3100



SPEEDLINE3200



SPEEDLINE5000



SPEEDLINE6200

BATTERY BOOSTER PACKS

PROPULSTATION BOOSTER PACK WITH DOCKING STATION

Eliminate the risk and frustration of an uncharged booster pack.

- » Robust shell case design with 5mm shatter-proof polyethylene.
- » Long & flexible cables with double insulation.
- » Robust, wide-opening clamps include copper trace carrying the current to the bronze jaws & protecting the spring against over-heating.
- » AC Model - Supplied with mains AC charger.
- » DC Model - Supplied with 5m cable and one-way diode.



 521001DC

Part no.	Voltage	Cranking Amps	Peak Amps
521001AC	12V AC	700	1860
521001DC	12V DC	700	1860
521002AC	12V AC	800	2370
521002DC	12V DC	800	2370
520006AC	12/24V AC	1600/800	4740/2370
520006DC	12/24V DC	1600/800	4740/2370
520008AC	12/24V AC	2400/1200	6200/3100
520008DC	12/24V DC	2400/1200	6200/3100



 521001AC

PROPULSTATION DOCKING STATION

- » Additional docking station to allow the boost pack to be used in additional vehicles.
- » AC - Provided with an automatic electronic 12v charger to be connected to the mains.
- » DC - Includes one way diode to connect to the vehicle's battery.

Part no.	Suitable for Part Numbers
5200AC12	521001AC & 521002AC
5200DC12	521001DC & 521002DC
52AC1224	520006AC & 520008AC
52DC1224	520006DC & 520008DC



 5200AC12



 52DC1224

CT PRO BOOSTER PACK

231009SP

- » Capable of multiple starts of 28L+ diesel engines in one charge - Suitable for hauliers, plant, cv & psv workshops and many others who need to rely on their booster pack in winter.
- » Easily move the pack around your workshop without worrying about injury.
- » 2000/1000 Cranking Amps – enough to start 28L diesel engines from completely flat.
- » 2 Year warranty on the whole pack & lifetime warranty on housing (excluding fuse).
- » Curved clamps with LED in negative clamp.



FLASH BATTERY SUPPORT UNIT

NEW

- » Detect, analyze, charge and maintain all types of lead-acid (AGM, MF, EFB, WET) and Lithium LiFePO4 batteries with this multifunction battery support unit.
- » Features a backlit LCD display, copper cables and fully insulated professional clamps.
- » Safety features include over-voltage and over-current protection, power down alarm, short circuit protection, reverse polarity protection, high temperature alarm during charging process.
- » LiFePO4.



893035SP



893150SP

Part no.	Input	Output Voltage	Input Power	Max Supply Current	Continuous Supply Current	Compatible With
893035SP	100-240V AC (50-6Hz)	12/24V	1000W	35A	35A	Lead-acid batteries 4-700Ah
893150SP	200-240V AC (50-60hz)	12V	1400W	150A (3 Mins)	120A	Lead-acid batteries 20-2000AH

PRO CHARGE- 12/24

893040SP

25 amp electronic charger with digital display.

- » Suitable for all types of lead batteries; Wet, Gel, AGM, MF, VRLA, etc.

Specifications:

- » Power Supply - 220 - 240V.
- » Frequency - 50-60Hz.
- » Rated Current - 5 - 12.5 - 25A.
- » Charging / Testing Stages - 9.
- » Battery Voltage - 12 - 24V.
- » Capacity - 5Ah - 550Ah.
- » Show Room Function - 13.8V.
- » IP Rating - IP20.
- » Size - 260 x 130 x 75mm.
- » Weight - 2.5Kg.



SMART BATTERY CHARGERS

NEW

- » Designed to charge, maintain and recover all types of lead-acid batteries.
- » The intelligent charging process allows the charger to be left permanently and safely connected to a battery to provide continuous maintenance once charged.
- » The chargers come with three charging accessories: clamps, eyelets and 12V auxillary connector.
- » An easy to read display with LED's, shows the charging status in percentage as well as the selected mode.

Part no.	Charging Capacity	Maintenance Capacity	Cable Length	Dimensions	Weight
8961238SP	1.2-14Ah (6v)/ 1.2-75Ah (12v)	Up to 120 Ah	180cm	175 x 65 x 43.5mm	0.46kg
89612247SP	14-150Ah (12v)/ 14-75AH (24v)	Up to 225Ah	180cm	206 x 88.5 x 52mm	0.7kg
896122425SP	50-450Ah (6v)/ 1.2-75Ah (12v)	Up to 500Ah	187cm	29 x 12 x 7cm	2.2kg

Part no.	Input	Power	Battery Capacity	Cable Length	Dimensions
8961211SP	220-240VAC - 50/60HZ	30W	2.2-40Ah (6v) 2.2-40Ah (12v)	180cm	153 x 59 x 38mm



8961211SP



896122425SP



89612247SP



8961238SP

BATTERY TESTERS

START & STOP BATTERY & ELECTRICAL SYSTEM ANALYSER

03202500

- » Battery Tester: tests 6V-12V batteries and 12V-24V volt charging & starting systems.
- » Digital screen with integrated printer.
- » Bad connection warning.
- » Operating range: 40-2000 CCA.
- » Tests EFB, VRLA / GEL, AGM Flat Plate, AGM Spiral and regular liquid batteries in seconds.
- » Rating system: SAE (CCA) / DIN / EN / IEC & JIS.



12V/24V BATTERY TESTER AND PRINTER

03204500

- » Designed for 12V & 24V battery, starter, alternator and ground tests.
- » Compatible with WET, AGM, EFB, GEL, SPIRAL batteries.
- » Features an integrated thermal printer (+ 1 spare paper roll).
- » Equipped with a full colour interface, LCD display, touch pad with sensor technology.
- » Offers the possibility to type in the customers details, license plate number, etc.
- » Supplied with an SD Memory card for storing the test reports.
- » A QR code is printed with each test report. Simply scan it to share the test results.
- » Premium carry case is included.
- » New added function: keeps track of how many tests are done daily for each test category.
- » Optional 12V auxillary socket to test the alternator directly through the 12V plug of a vehicle.



NEW

BATTERY ACID HYDROMETER

03200500

- » Battery Acid Hydrometer.
- » Professional tester for measuring the state of charge in lead acid batteries.
- » Measures specific gravity and indicates battery condition with a red / green scale.



ANTIFREEZE & COOLANT HYDROMETER - ETHELENE GLYCOL

03200000

- » Measures the volume percentage of Ethylene Glycol contained in the cooling system.
- » Safe to use from -5°C to -40°C.



ANTIFREEZE & COOLANT HYDROMETER - PROPYLENE GLYCOL

03200200

- » Measures the volume percentage of Propylene Glycol contained in the cooling system.
- » Safe to use from -5°C to -40°C.



AUTOMOTIVE REFRACTOMETER

03201000

- » Tests Coolant, Battery Acid, Screen wash and Ad Blue using an optical prism test technique.
- » Includes NEW internal Light feature for ease of use in poor light.
- » Coolant: Tests both propylene and ethylene based anti-freeze coolant solutions and determines the freezing point.
- » Battery Acid: indicates the specific gravity of the battery electrolyte.
- » Screen Wash: shows the freezing point of screen wash fluids in degrees C.
- » AdBlue: Indicates % concentration of AdBlue additive.

Specifications:

- » Coolant: 0 to -50°
- » Battery: 1.1 to 1.4kg / ltr
- » Windscreen: 0 to -40°
- » AdBlue: 30% to 35%



For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.







TORQUE

TORQUE WRENCHES

'MOTORQ' PROFESSIONAL TORQUE WRENCH RANGE

The 'Motorq' Professional range of torque wrenches offer accuracy, comfort and ease of use.

- » Accurate to +/-3% of reading which meets the requirements of ISO 6789-2:2017.
- » Supplied with a traceable 'Calibration Certificate' allowing end-users to adhere to more stringent quality control processes.
- » 60% larger scale for better visibility and improved accurate setting.
- » Scale adjusts 40% faster and the effort required to adjust is reduced.
- » Improved serviceability means longer life and reduced ownership costs.
- » Superior, ergonomic handle and shape - Soft-feel, high grip material and more comfortable to use.
- » Now includes a push/pull type lock for faster use; the coloured band on the lock clearly shows that the wrench is unlocked.
- » See page 110 for spare parts.



PUSH-THRU HEAD



PROFESSIONAL SCALE

Part No.	Model	Sq Dr	Torque Nm	Torque lbs.in /lbs.ft	Length mm	Weight kg
80002000	Motorq 20	3/8" push-thru	4 - 20	40 - 180 lbs.in	210	0.36
80105000	Motorq 50	3/8" push-thru	10 - 50	7.5 - 37.5 lbs.ft	335	0.70
80110000	Motorq 100	1/2" push-thru	20 - 100	15 - 75 lbs.ft	387	0.94
80120000	Motorq 200	1/2" push-thru	40 - 200	30 - 150 lbs.ft	470	1.07
80130000	Motorq 300	1/2" push-thru	60 - 300	50 - 220 lbs.ft	593	1.42
80134000	Motorq 340	1/2" push-thru	60 - 340	50 - 250 lbs.ft	685	1.48
80140000	Motorq 400	3/4" sq dr (Uses stepped converter)	80 - 400	60 - 300 lbs.ft	686	1.93



SPEEDLINE® TORQUE WRENCH RANGE

The Speedline Torque Range utilises Speedline's proven mechanism and internal components and incorporates them into a purposeful and attractive torque wrench that will delight a wide range of users from professional mechanics to hobby enthusiasts.

- » Accurate to $\pm 3\%$ of reading which meets and exceeds ISO6789:2003.
- » Light and fast adjustment saves operator time and effort.
- » N.m scale applying to the primary torque units for simple and error free setting.
- » 'Push through' ratchets allow torque control in both the clockwise and anti-clockwise directions.
- » Tough ratchets with narrow engagement angles allow for easy positioning of the tool in confined spaces. 5° for models up to 200 N.m and 6° for models 300 N.m and above.
- » Pull/push lock is fast and intuitive to use and prevents accidental adjustment of the set torque.
- » Convenient hanger feature for tool storage also aids wrench unlocking and adjustment.



Part No.	Model	Sq Dr	Torque Nm	Torque lbs.ft	Length mm	Weight kg
SPEEDLINE60	Speedline 60	3/8" push-thru & 1/2" sq. dr. adaptor	12 - 60	10 - 45	328	0.7
SPEEDLINE100	Speedline 100	1/2" push-thru & 3/8" sq. dr. adaptor	20 - 100	15 - 75	375	0.8
SPEEDLINE200	Speedline 200	1/2" push-thru	40 - 200	30 - 150	459	1.0
SPEEDLINE300	Speedline 300	1/2" push-thru	60 - 300	45 - 220	588	1.4
SPEEDLINE340	Speedline 340	1/2" push-thru	60 - 340	50 - 250	679	1.55



Part No.	Description	SPEEDLINE60	SPEEDLINE100	SPEEDLINE200	SPEEDLINE300
80006170	Replacement Square Drive	•			
80011170	Replacement Square Drive		•		
80033170	Replacement Square Drive			•	•
80011670	Ratchet Repair Kit	•			
80033370	Ratchet Repair Kit		•		
80033470	Ratchet Repair Kit			•	
80033870	Ratchet Repair Kit				•

TORQUE WRENCHES

'MOTORQ' HEAVY DUTY SPLIT TORQUE WRENCH RANGE

- » Push-through ratchet allows two directional torquing.
- » Robust construction gives accurate results to $\pm 4\%$ even in arduous working conditions. Tool is supplied with a Declaration of Conformance which meets the requirements of ISO 6789-1:2017.
- » Unique profiled cam and reaction plate - gives much clearer torque signal and the large break angle greatly reduces the possibility of over torquing.
- » Designed to be cost effectively serviced.
- » New handle - more comfortable and guides operator's hand to correct position.
- » Easy to read scale is shielded from dust, dirt and spray.
- » Easy to set accurately - setting tool included.



Split Torque Design - The new generation design can be split into two parts for easy and economic storage and shipping.



Supplied in blow moulded carrying case.

Part No.	Model	Sq Dr	Torque Nm	Torque lbs.in/lbs.ft	Length mm	Weight kg
80240000	Motorq 400	3/4" push-thru	200 - 800	150 - 600 lbs.ft	1319	7.30
80250000	Motorq 500	3/4" push-thru	300 - 1000	200 - 750 lbf.ft	1554	7.90
80250500	Motorq 500	1" sq dr (uses 3/4" to 1" stepped converter)	300 - 1000	200 - 750 lbf.ft	1554	7.90
80255000	Motorq 550	1" sq dr (Uses 3/4" to 1" stepped converter)	700 - 1500	500 - 1000 lbs.ft	1475	10.40



'MOTORQ' TORQUE WRENCHES - SPARE PARTS

Part No.	Description	80002000	80050200	80055000	80105000	80110000	80120000	80130000	80134000	80140000	80240000	80250000	80250500
80002170	Replacement Square Drive	•											
80011670	Push Thru Repair Kit				•								
80033170	Replacement Square Drive					•							
80033370	1/2 Ratchet Repair Kit (3 Pawl)						•						
80033470	1/2 Ratchet Repair Kit (3 Pawl)							•					
80033870	Push Thru Repair Kit (Quad Pawl)							•	•				
80039170	Push Thru Repair Kit									•			
80040870	Push Thru Repair Kit		•	•									
80040970	Replacement Square Drive		•								•	•	
80041070	3/4" to 1" sq dr adaptor			•									•

PROTRONIC® TORQUE WRENCH

High-precision electronic torque and angle wrench

- » The ProTronic® is a high-precision electronic torque and angle wrench with a large backlit LCD display and comfortable high grip handle.
- » Audible, visual and tactile signals alert the user when a pre-set torque or angle target is approached. Various features of the wrench can be configured to suit individual preferences and application requirements.
- » Accuracy of $\pm 2\%$ when operating between 20% to 100% of tool capacity.
- » Accuracy of $\pm 4\%$ when operating between 5% to 19% of tool capacity.
- » Tough and dependable push-through square-drive ratchets.
- » Narrow engagement angle allows work in tight spaces.
- » Large LCD screen with bright back-light; numbers become larger and bolder during active torque for optimal viewing.
- » Dual progressive LEDs positioned both sides of the wrench provide an easy visual representation of torque progress allowing the user to more easily anticipate torque target.
- » Handle designed for a comfortable and secure grip.
- » Battery cap has been designed to prevent accidental loosening.

PROTRONIC® PLUS

High-precision electronic torque and angle wrench with Bluetooth®

- » The ProTronic® Plus retains all the features available in the ProTronic® standard versions with more advanced features included. Equipped with Bluetooth®, the ProTronic® Plus will work alongside a specially created app for more intuitive control when out in the field.
- » ProTronic® Plus ratchets are detachable on models 100, 200 and 340 allowing for easy customisation of end fittings.
- » Tough and dependable ratchets on all wrench models, reversible style on models 10, 30 and 800. Push-through ratchet on models 100, 200 and 340.
- » ProTronic® Plus 9 (screwdriver) comes with L-shaped handle for easier torque application.



Download App Here



Protronic® Torque Wrench

Part No.	Model	Sq Dr	Torque Nm	Torque lbs.ft	Length mm	Weight kg
130517	Protronic 100®	3/8" push-thru	5 - 100	3.75 - 75	458	1.15
130518	Protronic 100®	1/2" push thru	5 - 100	3.75 - 75	462	1.30
130519	Protronic 200®	1/2" push thru	10 - 200	7.5 - 150	650	1.65
130520	Protronic 340®	1/2" push thru	17 - 340	12.75 - 255	749	1.85

Protronic® Plus Torque Wrench

Part No.	Model	Sq Dr	Torque Nm	Torque lbs.ft	Length mm	Weight kg
130512	ProTronic® Plus 100	3/8" push-thru	5 - 100	3.75 - 75	458	1.15
130513	ProTronic® Plus 100	1/2" push thru	5 - 100	3.75 - 75	462	1.30
130514	ProTronic® Plus 200	1/2" push thru	10 - 200	7.5 - 150	650	1.65
130515	ProTronic® Plus 340	1/2" push thru	17 - 340	12.75 - 255	749	1.85
130516	ProTronic® Plus 800	3/4" push thru	40 - 800	30 - 600	1264	4.95



EVOTORQUE® BATTERY TOOL RANGE

» The EvoTorque® Battery Tool (EBT) is a fast, reliable and accurate battery torque tool which features a brushless motor, data memory and data transfer capabilities.

- » Test and record the torque on every bolt.
- » Keep full electronic records for your fleet.

Kit Contents:

- » EBT Battery Tool and reaction.
- » Operator's Manual.
- » USB with EvoLog software and operator's manual translations.
- » Quick Reference guide.
- » Secondary Handle.
- » Drive Square (spare).
- » 4 mm Allen key.
- » 2 m USB cable.
- » USB Bluetooth Smart Adaptor.
- » Battery Charger, three-bay.
- » Battery Charger Instruction Manual.
- » Battery x 2.
- » Battery Instruction Manual.



Part No.	Model	Speed	Sq Dr	Torque Nm	Output Speed rpm	Torque lbs.ft	Reaction Weight kg	Tool Weight* kg
180349	EBT-52-800	Single	3/4"	100-800	11.2	75-600	3.7	6.2
180469	EBT-72-1350	Auto 2	1"	338-1350	32	250-1000	1.4	6.2
180541	EBT-80-2700	Single	1"	400-2700	3.3	295-2000	1.4	5.9
180565	EBT-80-2700	Auto 2	1"	400-2700	13	295-2000	1.4	6.5
180637	EBT-92-4000	Single	1"	800-4000	2.3	590-2950	2.5	7.9
180661	EBT-92-4000	Auto 2	1"	800-4000	9.5	590-2950	2.5	8.5

*Tool weight excludes reaction and battery. Battery weight is 0.8 kg

'MOTORQ' HEAVY DUTY TORQUE MULTIPLIERS

- » Single stage epicyclic gears, producing a 5 : 1 multiplication ratio.
- » Use with conventional torque wrenches for heavy duty applications.
- » Supplied with reaction bars, in plastic storage case.
- » After-sales service available.

Part No.	Ratio	Input Dr.	Max. Input	Output Drive	Max. Output	Weight (kg)
80060000	5:1	1-2" sq dr / 32mm hex	260Nm	3/4"	1300Nm	4.3
80065500	5:1	3/4" sq dr / 36mm hex	540Nm	1"	22700Nm	4.5

Spare Parts

Part No.	Description
80060270	¾ square drive (Post 1994)
80060370	¾ square drive (Pre 1994)
80060400	Reaction Foot



'MOTORQ' ANGULAR TORQUE GAUGE

- » For turning torqued fasteners through a further angle, as per vehicle manufacturers' specifications.
- » Oil resistant, non-reflective surface and adjustable reaction arm.
- » Supplied with both male and female square drives.

Part No.	Sq. Dr.
80070000	1/2"
80075000	3/4"

80075000



80070000



TRUCHECK™ 2

- » Allows torque tool performance to be monitored and tools kept in peak condition.
- » Supplied with traceable calibration certificate.
- » Limited settable options. Ideal for non-expert users with click type torque wrenches.
- » Inbuilt Micro USB 2.0 port enables power from any USB power source.
- » Accuracy: $\pm 1\%$ torque reading accuracy ($\pm 2\%$ when below 10% of range for the 1,100 N·m TruCheck™ 2 model).
- » Display: LCD Display.
- » Temp Range - Operating: 0°C to $+50^{\circ}\text{C}$.
- » Temp Range - Storage: -20°C to $+70^{\circ}\text{C}$.
- » Power Consumption: 0.5W.
- » Environment: IP 40.
- » Electromagnetic Compatibility (EMC) Directive: Designed to comply with EN 61326-1.
- » UKAS accredited calibration is optional.

43524

43525

43530

43531



Part No.	Operates Between	Drive Size
43524	10 - 350 Nm	1/2" female
43525	10 - 350 Nm	1/2" female
43530	50 - 1100 Nm	27 mm male hex
43531	50 - 1100 Nm	27 mm male hex

TORQUE SCREWDRIVER

- » Versatile, Accurate and easy torquing for smaller fasteners and restricted spaces.
- » Supplied with a 1/4" hexagon bit holder designed using a 4mm hexagon stem.
- » Easy torque adjustment without the need of additional specialist tools.
- » All tools feature a lock to prevent accidental adjustment of set torque.
- » Tool 'slips' when torque is achieved removing the possibility of 'over-tightening'.
- » Comfortable, durable handle. The handle is constructed using two materials; a base material for strength overlaid with a soft feel grip for comfort and slip resistance.
- » Supplied with a Declaration of Conformance, which meets the requirements of ISO 6789-1:2017.

Part No.	N.M.	Length	Scale Increments	Weight
13850	0.3-1.5 N.M	155mm	0.05 N.M	0.24kg
13851	0.6-3 N.M	155mm	0.1 N.M	0.24kg
13852	1.2-6 N.M	155mm	0.2 N.M	0.24kg



For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

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[illegible]

PANEL BEATING

BODY REPAIR KIT - THATCHAM

058500TH

- » The first Body Repair Tool Kit to achieve Thatcham accreditation.
- » General purpose 13 piece set of Body Repair Tools approved by Thatcham for Insurance Approved Body Repair work.
- » Supplied in steel tool box (52700000).
- » Ideal for apprentices.

Contents:

- » 052900V2 - Panel Beater Straight Pein and Finish Flat Face
- » 053000V2 - Panel Beater Pick and Finishing Flat Face
- » 053700V2 - Panel Beater Pein and Finish Crowned Face
- » 056900V2 - Panel Beater Flat Face and Shrinking Face
- » 054301V2 - Thin Curved Dolly
- » 054801V2 - Thin Toe Dolly
- » 055201V2 - Utility Dolly
- » 05730000 - Pry & Surfacing Spoon
- » 05940000 - Bumping Tool - Flat
- » 05710100 - Adjustable Body Blade Holder
- » 05711100 - 9tpi Standard Cut Body Blade
- » 05711200 - 12tpi Fine Cut Body Blade
- » 05711500 - 6tpi Plasticut Body Blade

Thatcham™
Accredited
Repair Equipment



PANEL BEATERS

- » High quality investment casting alloy steel heads with hardened striking surfaces.
- » Fine quality octagonal wooden shafts fitted as standard.
- » Wood and steel wedged handles ensure maximum head retention with improved safety.
- » The heads have a tapered centre allowing the shaft to expand into the head and are secured with a double wedge.

FLAT FACED HAMMER

- » Flat Faced Hammers: Traditional flat faced hammers are designed to construct or reconstruct sheet metal vehicle components, as well as for the removal of small imperfections in sheet metal surfaces. The flat surface minimises distortion and limits the stretching effect of the hammer blow. Flat surface hammers require a high degree of precision so as not to crease the metal surface.

052900V2



- » Medium-weight, flat face finishing panel beaters with straight pein.
- » Round Face: 41mm
- » Head Width: 130mm
- » Weight: 0.425kg

056000V2



- » Medium-weight, flat face panel beater suitable for straightening thicker gauge metals where significant corrective force is required.
- » Round Face: 41mm
- » Square Face: 38mm
- » Head Width: 97mm
- » Weight: 0.425kg

053000V2



- » Medium-weight, flat face panel beater with round point pick head designed to remove low spots when finishing.
- » Round Face: 38mm
- » Head Width: 135mm
- » Weight: 0.43kg

05680000



- » Light-weight, flat face panel beater suitable for applying measured force in areas of light damage or on thinner gauge metal.
- » Round Face: 32mm
- » Square Face: 25mm
- » Head Width: 89mm
- » Weight: 0.37kg

056900V2



- » Medium-weight, flat face shrinking hammer, specifically designed for panel beating on slightly stretched areas of metal.
- » Round Face: 41mm
- » Square Face: 38mm
- » Head Width: 97mm
- » Weight: 0.425kg

CROWNED FACED HAMMER

- » Crowned Faced Hammers: Used for the same general purposes as flat faced hammers but are less likely to cause a crease if the hammer blow is not precise. The crowned face does however, produce more marked stretching around the impact area.

05620000



- » Light-weight, crowned face panel beater suitable for applying measured force in area of light damage or on thinner gauge metal.
- » Round Face: 32mm
- » Square Face: 25mm
- » Head Width: 89mm
- » Weight: 0.37kg

056100V2



- » Medium-weight, crowned face panel beater suitable for straightening thicker gauge metals where significant corrective force is required.
- » Round Face: 41mm
- » Square Face: 38mm
- » Head Width: 97mm
- » Weight: 0.425kg

053700V2



- » Medium-weight, crowned face finishing panel beater with curved pein for use where access is restricted.
- » Round Face: 41mm
- » Head Width: 142mm
- » Weight: 0.425kg

056500V2



- » Medium-weight, crowned face finishing panel beater with straight pein.
- » Round Face: 41mm
- » Head Width: 130mm
- » Weight: 0.425kg

056600V2



- » Medium-weight crowned face panel beater with round point pick head designed to remove low spots when finishing.
- » Round Face: 38mm
- » Head Width: 135mm
- » Weight: 0.43kg

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PANEL BEATING

SHRINKING HAMMER

- » Shrinking Hammers: Useful in the final stages of panel finishing when slightly stretched areas of metal can be encountered. In using this type of beater, small amounts of metal are forced into the spaces created by the cross milling. They can also be used on cold aluminium but working on sheet steel will be quicker if heat is applied to the area. Whenever possible, such beating should be carried out on the inside of the panel to minimise resurfacing needed prior to painting. Sykes-Pickavant does not recommend using the same individual tools on aluminium and steel.

PANEL BEATER DOUBLED ENDED SHRINKING HAMMER

05280000

- » Medium-weight, flat face shrinking hammer, specifically designed for panel beating on slightly stretched areas of metal
- » Specially designed cross milled heads improves stretched areas by forcing small amounts of metal into spaces created by cross milling
- » Round Face: 41mm
- » Head Width: 97mm
- » Square Face: 38mm
- » Weight: 0.425kg



SOFT FACE HAMMER- 12OZ

69027500



- » Ideal for light assembly applications.
- » Comfortable anti-slip grip.

DEAD BLOW HAMMER- 12OZ

69026500



- » Ideal for assembly and maintenance applications.
- » Composite Handle.

REPLACEMENT HAMMER SHAFT

05602000

- » Replacement Hammer Shaft for Panel Beating Hammers.



DOLLIES

THIN CURVED DOLLY

054301V2



- » Lightweight curved dolly suitable for a wide variety of panel beating tasks - reforming beads and moulding, reshaping panel, raising low spots.
- » Length: 125mm
- » Depth: 37mm
- » Width: 55mm
- » Weight: 0.90kg

THIN TOE DOLLY

054801V2



- » Lightweight thin toe dolly enables access in difficult to reach areas.
- » 1x Flat Face and 1x Curved Face
- » Length: 115mm
- » Depth: 25mm
- » Width: 56mm
- » Weight: 0.86kg

ANVIL DOLLY

 054901V2



- » General purpose dolly with two curved faces.
- » Length: 102mm » Depth: 62mm
- » Width: 72mm » Weight: 1.40kg

UTILITY DOLLY

 055201V2



- » Double-ended general purpose dolly with two curved faces.
- » Length: 76mm » Depth: 58mm
- » Width: 57mm » Weight: 1.15kg

GRID TOE DOLLY

 05500100



- » Convex curved grid-pattern face which assists in shrinking stretched areas of metal.
- » Length: 120mm » Depth: 28mm
- » Width: 58mm » Weight: 1.16kg

HEEL DOLLY

 05540100



- » Semi-circular model, ideal for rounded and contoured panels.
- » 1x Flat Face and 1x Convex Face
- » Length: 80mm » Depth: 30mm
- » Width: 61mm » Weight: 0.65kg

ROUND HEAD DOLLY

 05570100



- » Double-ended dolly for re-shaping rounded and contoured panels.
- » Length: 56mm » Depth: 56mm
- » Width: 56mm » Weight: 0.73kg

HEAVY TOE DOLLY

 055801V2



- » Heavy weight toe dolly enables access in difficult to reach areas.
- » 1x Flat Face and 1x Convex Face
- » Length: 125mm » Depth: 30mm
- » Width: 60mm » Weight: 1.37kg

DOUBLE ENDED ROUND WEDGE DOLLY

 05550100

- » Double-ended dolly for re-shaping rounded and contoured panels.
- » Length: 56mm » Depth: 56mm
- » Width: 56mm » Weight: 0.73kg



Sykes-Pickavant is proud to support Heritage Skills Academy with Bodyshop Tools for their apprenticeship programme.



SPOONS & BUMPING

SPOONS & BUMPING

- » Spoons are used for bumping and prying and can also be used instead of a dolly when direct access to the rear of a panel is obstructed. The choice of spoon depends on the original contour of the metal, the amount of access available and the proposed action (i.e. roughing or leveling).

PRY & SURFACING SPOON

 05730000



- » Specially designed for panel beating work in restricted areas and for separating outer panels from inner frame structure.
- » Length: 295mm
- » Weight: 0.85kg
- » Width: 50mm

GENERAL PURPOSE SPOON

 05740000



- » Multi-purpose double ended spoon which is designed for panel beating where access is restricted and separating the outer panels from the inner frame structure.
- » Length: 295mm
- » Weight: 1.10kg
- » Width: 40mm

ANGLED SURFACE SPOON

 05780000



- » Multi-purpose surface spoon with specially designed angled head for panel beating work in restricted areas, i.e. Separating outer panels from inner frame structures depending on access.
- » Length: 185mm
- » Weight: 1.56kg
- » Width: 45mm

HEAVY DUTY PRY SPOON

 05120100



- » For prying, levering and panel beating in areas that are inaccessible to dollies. Specially designed for separating outer panels from the inner frame structure.
- » Length: 405mm
- » Weight: 1.48kg
- » Width: 63mm

L SHAPED SPOON

 051000-AL



- » Slim spoon designed for panel beating work in restricted areas, particularly on smaller vehicles.
- » Blade features a slow taper along its length.

BUMPING TOOL- FLAT

 05940000



- » Flat steel blade with serrated teeth and pvc handle.
- » Suitable for removing bumps, dents and flattening wavy surfaces.
- » Ideal for semi-finishing work on body panels.
- » Milled serrations help prevent metal stretch.
- » 350 x 35mm.

For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



SCAN ME

ADJUSTABLE BODY BLADE HOLDER C/W FILE BLADE

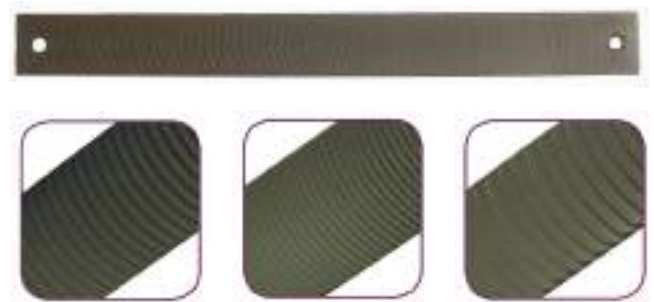
05710000

- » Adjustable blade holder, suitable for forming & shaping fillers and metal during body repair work.
- » Supplied with a standard flat cut 9tpi blade.
- » Compatible with most flat profile 356mm body blades.
- » Robust construction with steel tension adjuster, sole plate and tough plastic handle.
- » 2 position handle for vertical or horizontal use.
- » Available as Adjustable Body Blade Holder only (05710100).



BODY BLADES

- » Specially heat treated alloy steel provides hardness with flexibility.
- » Length: 356mm.
- » Precision cut teeth.
- » Blade edge chamfered.
- » Maximum Deflection of 14mm.



Part no.	Description	Size
05711100	Standard Flat Cut	9tpi
05711200	Fine Flat Cut	12tpi
05711500	Plasticut Flat Cut	6tpi

PFERD ADJUSTABLE HOLDER

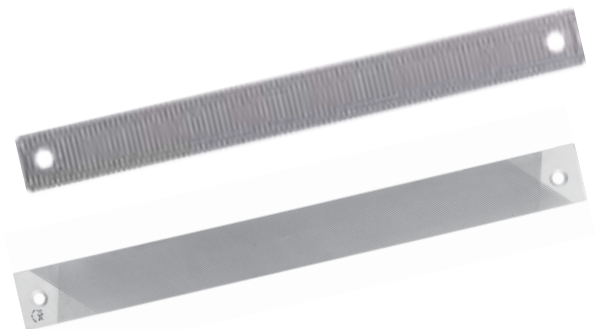
- » This ergonomic and particularly lightweight holder permits individual tensioning of car body file blades to match the surface contour of the workpiece.
- » The bending radius of the file can be steplessly adjusted via the tensioning system.
- » Particularly lightweight plastic design without plasticizer.
- » Can be used in a focused manner or over a wide area as the car body file can be used curved as well as straight.
- » Enables work with low levels of fatigue thanks to vibration-damping rubber pad.



Part no.	Description
KFH300MM	File Length: 300mm
KFH350MM	File Length: 350mm

PREMIUM CAR BODY FILES

- » Car body file blades can be tensioned individually in the car body file holder and can be adapted to match the surface contour of the workpiece.
- » The bending radius of the file can be steplessly adjusted via the tensioning system.
- » Convex shape of the file prevents unwanted scratches.
- » Can be used in a focused manner.
- » Razor-sharp tooth edges.



Part no.	Description	Size
299B300C1	300mm - Coarse	9tpi
299B300C2	300mm - Medium	10tpi
299B300C3	300mm - Fine	12tpi

Part no.	Description	Size
299B350C0	350mm - Very Coarse	8tpi
299B350C00	350mm - Extra Coarse	7tpi
299B350C1	350mm - Coarse	9tpi

Part no.	Description	Size
299B350C2	350mm - Medium	10tpi
299B350C3	350mm - Fine	12tpi
299E350SC	350mm - Special Cross Cut	

PANEL REPAIR

WIRE BRUSHES

Part no.	Description
66093500	Wire Hand Brush - Tempered Steel Wire
660936-AL	Wire Hand Brush - Tempered Stainless Steel Wire
660938-AL	Stainless Steel Cup Brush - 70mm



FILES

Part no.	Description
69016100	Flat Cut File - 200mm
69016300	Half Round File - 200mm
69016500	Round File - 200mm



DRIFT PUNCH

- » Shock absorbing sheathed drift punch.
- » Comfortable grip ensures a more accurately controlled blow.

Part no.	Description
6904G5-AL	3.95mm, Length: 190mm
6904G5-AL	4.95mm, Length: 200mm



GRIP WRENCH

- » One handed operation and smooth action release trigger.

Part no.	Description
06505500	40mm Open Capacity, Length:250mm
06506500	65mm Open Capacity, Length: 290mm



DOOR & TRIM

METAL SKIN WEDGE TOOL

- » Metal skin wedge tools are useful for levering and moving the ends of sheet metal casing without causing marks and scratches.

Part no.	Description
04562000	Curved
04563000	Curved and Straight



DOOR SKINNER CRIMPING TOOL

04310000

- » Portable hand held crimping tool suitable for bending and crimping flanges when replacing door skins and body panels.
- » Tough, replaceable nylon pads prevent damage to door skin when crimping flanges.
- » Supplied with 50mm wide nylon pad for faster crimping on straight edges.
- » High quality chrome plated tool with pvc coated handles for comfort.

Specifications:

- » Length 310mm
- » Handles 200mm
- » Jaws - Width 16mm
- » Nylon Block 50 x 22mm
- » Weight large 0.81kg



Spare Parts	
Part no.	Description
04310270	50mm Nylon Pad

IMPACT DRIVER & BIT SET

040101V2

- » For use with a medium weight hammer, to loosen stubborn screws and nuts.
- » Supplied in storage case, with 14 inter-changeable bits.

Contents:

- » 3x Slotted Blade: 5/16, 3/8, 1/2
- » 4x XPT Head: No1, No2, No3, No4
- » 3x Hexagon: 4mm, 5mm, 6mm, 10mm
- » 4x Torx Head: T30, T40, T45, T50



Spare Parts

Part no.	Description	Part no.	Description
67065000	Slotted Blade 5/16 x 36mm	67051270	Hex Bit 5 x 36mm
67065200	Slotted Blade 3/18 x 36mm	67051470	Hex Bit 6 x 36mm
67065400	Slotted Blade 1/2 x 36mm	67051870	Hex Bit 10 x 36mm
67066000	XPT No 1 x 36mm	67051870	T30 Torx Bit
67066200	XPT No 2 x 36mm	67059870	T40 Torx Bit
67066400	XPT No 3 x 36mm	67060070	T45 Torx Bit
67066600	XPT No 4 x 36mm	67060270	T50 Torx Bit

TRIM TOOL SET

04550000

- » Set of five strong, flexible plastic angled, lever and panel pullers.
- » Ideal for roof linings, door trims, panel trims and moulding strips.
- » Designed to enable the safe removal of vehicle trim panels without damage.



11 PC. NON MARKING TRIM TOOL SET

04551000

- » Professional set of strong, flexible plastic angled, lever and panel pullers.
- » Reduces risk of damaging / scratching surfaces.



COMBINATION TRIM WEDGE & UNIVERSAL HOOK

04552000

Trim Wedge

- » Combined universal tool, perfect for a variety of panel clips and molding removal, ideal for door panels, headlights, dash panels, vehicle trim etc.

Universal Hook

- » An ideal tool for working on door molding and a variety of other seals.
- » Trim wedge also available separately as p/n 04561000.



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SCAN ME

DOOR & TRIM

PRECISION PICK SET

 **04553000**

Multi-function micro tool kit, 3 pc.

- » Can be used individually or two handed.
- » High quality chrome finish with integrated textured shafts.
- » Improved accessibility & increased control.

Applications:

- » O-rings, spring rings, seals, connectors, accurate ECU remapping, soldering, relay removal, picking out fuses, etc.



CLIP LIFTER

 **04585000**

- » For plastic fasteners, plastic clips, upholstery or door panels.
- » Length- 175mm » Width- 5/15mm



5PC. TRIM CLIP LIFTER SET

 **04605000**

- » For plastic fasteners, plastic clips, upholstery or door panels.
- » Supplied in box with foam.

Contents:

- » 1x Clip Lifter
- » 1x 7mm Clip Lifter
- » 1x 5mm Half-Round Clip Lifter
- » 1x 11mm S Form Clip Lifter
- » 1x 11mm Angled Clip Lifter



3PC. XL TRIM CLIP LIFTER SET

 **04623000**

- » Specially designed for many types of plastic fasteners including clips, upholstery and door panels.
- » Different sizes, shapes and lengths to tackle a variety of applications.
- » Thin wedged tip for easy access.
- » Supplied in box with foam.

Contents:

- » 250 x 5mm Clip Lifter » 370 x 11mm S-Shape Clip Lifter
- » 245 x 11mm S-Shape Clip Lifter



Tool boards are available on request.



UNIVERSAL WIPE EXTRACTOR WITH ADJUSTABLE FORK

GO1151

- » Extractor for removing the wiper arm from the wiper shaft.
- » Special version with adjustable fork spring.
- » Extraction spindle with aluminium turning head to prevent damage to shaft.
- » Ultra-thin fork design for usage in narrow spaces.
- » Wide radius for work on large wipers.
- » Strong design for use on blocked windscreen wipers.
- » Wide adjustment range covers different sizes.
- » Spring mechanism balances the pressure on half-fork.

Specifications:

- » Screw - M10 x 1.0
- » Connection - SW 17 mm
- » Fork width - 16 x 38 mm
- » Working height - 48 mm
- » Weight - 0.5 kg



4 WAY MINI PULLER

08245000

- » Ideal for windscreen wiper arms.
- » Unique 4 way design allows for 4 different jaw widths to be selected.
- » Reversible and interchangeable legs.
- » Removable centrepiece for wider application coverage.
- » Capacity from 19-36mm.



4 ASSEMBLY OPTIONS

CUTTING AND WELDING

CRYOCOBALT™ DRILL

- » CryoCobalt Drills are specially designed for drilling very hard metals.
- » Ideal for drilling high strength alloy steels, ultra high strength boron steels, as well as aluminium chassis, panels and rivets.
- » Added Cobalt increases micro-sharpness and operating temperatures.
- » Cryophase process improves flexibility and extends bit operating life.
- » CryoCobalt drills can be re-sharpened.

Specifications:

- » Material: CM-88 Chrome Moly Cobalt High Heat Steel
- » Heat Resistance: Up to 1200°F / 650°C
- » Hardness: 66-68Re
- » Tip Design: 135° Split Point
- » Coating: Gold Oxide
- » Cryophase: Patented thermal cycling cryogenic treatment



Part no.	Description
04026500	6.5mm (Single)
04028000	8mm (Single)

CUTTING AND WELDING

OFFSET SNIPS

Part no.	Length	Cut Length	Cup Capacity- Sheet Metal	Cut Capacity- Stainless Steel
0609LH00	240mm	3.02cm	18g/1.19mm	22g/0.84mm
0609RH00	240mm	3.02cm	18g/1.19mm	22g/0.84mm



WELDING C CLAMP

- » Large capacity deep throat clamp, with small gripping area, for awkward shapes and access.
- » Suitable for holding together sheet metal, body panels and other materials.
- » Powerful grip and deep throat ideal for handling awkward shapes encountered when welding, gluing, marking off and template making.
- » Small gripping area allows close up working and deep throat enables access around bulky and awkward shapes e.g. Door sills.



Part no.	Length	Jaw Open- ing	Jaw Width	Throat Depth Closed	Weight
06501100	280mm	0-90mm	55mm	80-150mm	0.90kg
06501400	495mm	300mm	250mm	165-405mm	1.90kg

ZIPCUT SPOT WELD REMOVER

 04001100

- » Auto-centering tool for removal of spot welds.
- » Adjustable centering device enables depth of cut to be controlled.
- » 5/16" hex shank for use with drill chucks of 3/8" capacity.
- » Reversible screw-on cutter blade for longer life.



INDUCTION HEATING

VENOM™ INDUCTION HEATER

 96040000/960400SP

Generates Invisible Heat® to release corroded and thread locked metal components without the danger of an open flame.

1 kilowatt input - 1 kilowatt output.

- » **Angled Design with Trigger:** Lightweight, ergonomic design allows for induction heat to access hard to reach places more easily.
- » **Coil Twist Lock™:** Coils now lock down with one simple turn (no more thumb screws).
- » **LED Usage Indicator:** A red LED will light under fault conditions and green LED lights while the trigger is active and the tool is heating properly.
- » **Fault Override Delay:** Any event that causes the red LED to illuminate will protect the tool by starting a three second lock out.
- » **Fan Operation Enhancements:** The fan continues to run after the trigger is released to aid in thermal cycle time reduction and will stay powered when the thermal switch opens to aid in cooling the tool.
- » **User Controlled LED Switch:** As long as the tool is powered and the internal power supply is operating, the LED will remain lit when the switch is on.

Part no.	Includes
96040000	Venom™ Induction Heater, 1 x Coil, 1 x String, 1 x Bearing Buddy
960400SP	Venom™ Induction Heater, 1 x U-Form Coil, 1 x Bearing Buddy PLUS 9 preformed coils from 4" - 10" long, up to 1 1/2" diameter



INCLUDES THREE YEAR WARRANTY

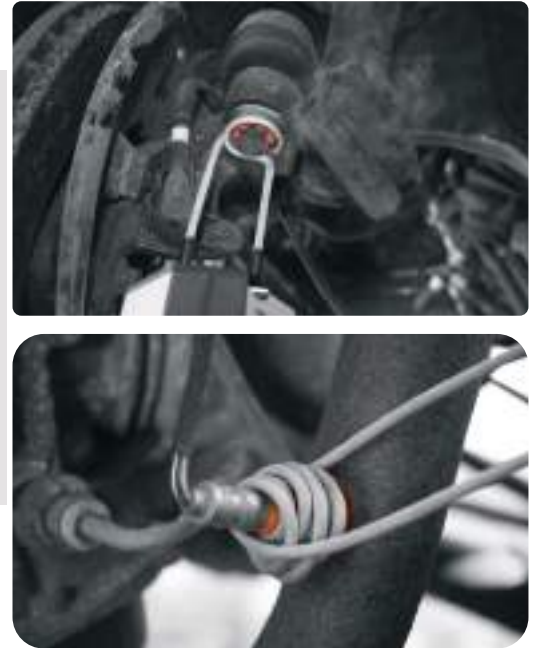
SP INDUCTION HEATER RANGE

The SP Induction Heater + is a redesign and upgrade of the popular Mini-Ductor II® and uses new engineering technology for increased energy efficiency and ease of use. Now you can use the power of technology with a flameless heat to quickly release corroded or seized components and other metallic parts. All without the damage normally associated with gas torches. Heats in seconds!

Features:

- » Operates cooler for better efficiency, handling and product longevity.
- » Long operating cycle time.
- » Carry Case; with storage for all attachments, fits in tool chests for security.
- » Integrated CE filter improves handling of product.
- » LED work light illuminates work area.
- » 1 year warranty - Parts/Labour.

Part no.	Power Rating
96021100	UK/EU Site Work (Construction/Factory) - 110v / 6 amp / 1000 watt
9602012V	12v Battery Use - for mobile working with a battery or booster pack - 12v / 70amp / 840watt



96021100

110V



FOR USE WITH 110V TRANSFORMERS (NOT INCLUDED)

9602012V

12V



USE WITH A BATTERY OR BOOSTER PACK FOR MOBILE WORKING (NOT INCLUDED)

INDUCTION HEATER COILS

For use with Induction Heaters above.

Part no.	Product Description	Coil Quantity	Sizes (mm)
96013000	Interchangeable Coils	3pc	19, 21, 26
96015000	Interchangeable Coils	8pc	19, 22 x 2, 26 x 2, 32, 38, 45
96026000	Rope Coil	1pc	762 (length)
960260SP	Rope Coil	3pc	762 (length)

96013000



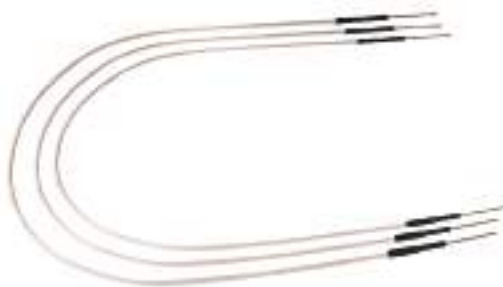
96015000



96026000



960260SP



INDUCTION HEATING

Part no.	Product Descrip.	Coil Quantity	Sizes (mm)
96016000	Thin Wall Coil Pack	4pcs	19, 21, 22, 25
96035000	Extra Long Preformed Coils	8pc	19, 22 x 2, 26 x 2, 32, 38, 45

 96016000



 96035000



SP HEAT PAD

 96025000

- » Removal of decals, graphics, stripes, emblems and body moulding etc.
- » Softens the adhesive to make removal simple and effective.



HEAT RESISTANT INSULATION MAT

 96035000

- » The heat resistant mat helps extend the life of rope coils by preventing abrasion and overheating of the coil.
- » Dimensions: 152 x 305 mm



HEAVY DUTY INDUCTION HEATERS

- » Induction heating is a non-contact method that can be used to heat metals. The induction heater creates an alternating magnetic field that generates induced currents within the material. It is these induced currents that generate heat.
- » The absence of open flames makes work easier, while ensuring safety and economic savings at the same time.
- » It allows you to work in close proximity to heat-sensitive parts.

Heat inductors are ideal for a wide range of applications such as:

- » Releasing seized/heavily corroded bolts/nuts
- » Remove or replacing pins or bearings
- » Heating for straightening
- » Preheating before welding
- » Bending
- » Thermal Applications



Part no.	Product Descrip.	Input Power	Voltage	Frequency	Work Cycle
GO1470	Induction Heater with Inverter 18KW	18KW-32A	400v 3PH+T 50	15-30KHZ	N/A
GO1471	Induction Heater with Inverter 13KW	13KW-32A	400V 3PH+T 50	15-30KHZ	N/A
GO1472	Induction Heater with Inverter 8KW	18KW-16A	230V 3PH+T 50	15-30KHZ	N/A
GO1473	Induction Heater with Inverter 5KW 3 Phase	5KW-16A	400V 3PH+T 50	15-30KHZ	30 mins*
GO1474	Induction Heater with Inverter 2.7KW	2.7KW-16A	230V 3PH+T 50	15-30KHZ	9mins*
GO1475	Induction Heater with Inverter 5KW Single Phase	5KW-16A	220V 1 PH+T 50	15-30khz	30mins*

» * ± 5% ambient temperature maximum power.

EV BATTERY & TRANSMISSION LIFTING TABLES

» Aside from lifting electric-car batteries, this product is also perfect for lifting and moving engines, automatic gearboxes, chassis components

Features:

- » Powered by compressed air.
- » Sliding cover, allowing convenient battery installation or removal.
- » High ground clearance makes it compatible with most workshop cranes on the market.
- » Extendable and tiltable top table, by means of a mechanical screw
- » Easy to operate and tilt with self explanatory operations.
- » The table features holes with M10 thread, which can be used to mount all types of supports or accessories, including special hooks, brackets, and protective mats for battery packs.
- » Button operated table lowering
- » Rack safety system, when not being operated, the table locks by means of a mechanical anti-lowering safety wedge.



Part No.	Opening Table	Extendable table	Tilting Table	Shifting Table	Extendable Handle	Fork Housing	Max Capacity	Time to go Up	Time to go Down	Power Supply
GO1000B	(1/3 420mm)	-	(±3°)	-	-	-	1000kg	80s (no load) 100s (full load)	60s (no load) 20s (full load)	6/8 bar
GO1500T	-	200mm	(±3°)	(±30mm)	225mm	OK	1500kg	80 (no load) 150s (full load)	70s (no load) 15s (full load)	6/8 bar
GO1500B	-	200mm	(±3°)	-	-	OK	1500kg	80 (no load) 150s (full load)	70s (no load) 15s (full load)	6/8 bar

EV BATTERY LIFTING HOIST

92975000

- » Max capacity 1.5T.
- » Adjustable between 650mm and 2250mm.
- » Works with standard engine crane.
- » Includes levelling bar.

Kit Contents:

- » 2 x Spreader beam
- » 1 x Leveller
- » 13 x Bow Shackle
- » 6 x 0.5m Nylon Strops
- » 6 x 0.6m Nylon Strops
- » 6 x 0.7m Nylon Strops
- » 6 x M10 Eye Bolt & Nut
- » 6 x M12 Eye Bolt & Nut
- » 6 x M16 Eye Bolt & Nut



SPACER KIT FOR LIFTING TABLES

- » 15 Piece Spacer Kit for use with EV & Transmission Lifting Tables GO1000B / GO1500B / GO1500T.
- » Spacers can be used to raise the battery or transmission off the table to allow access to the underneath for removing bolts etc.
- » Allows you to avoid battery contact with the metal table which prevents arcing and provides easy access for straps to lift the battery off the table.



Part No.	Description	Part No.	Description
GO1501	M10 Thread	GO1504	M8 Thread

LIFTING & HANDLING

ENGINE LIFTING ACCESSORY KIT

GO1503

- » Required to hold battery pack, engine or transmission on the platform, safely.
- » The components fit perfectly to the different types of batteries, taking into consideration the possible specifications of the manufacturer.
- » Slotted holes in the foot allow an easy changing/moving of the platform.
- » The support columns are height-adjustable and have a thread for screwing the rubbers/spacers.
- » Used for platforms with M8 and M10 threaded holes.



TRANSMISSION JACK

- » Pedal Pump.
- » Chrome Plated Extension Rod.
- » "Dead Man" Controls.

Part no.	Max. Height	Max. Weight
38510000	1990mm	500kg
38610000	1990mm	1000kg



10 TONNE AIR HYDRAULIC TROLLEY JACK

53438000

- » Air hydraulic jack. Silent air pump; less than 70 db.
- » Safety lowering control valve for safe lowering even under maximum load.
- » Min. Height 150 mm.
- » Long reach chassis improves access to lifting points deep under vehicles.



DOOR/PARTS LIFTER

34185000

- » This door/parts lift uses the wheel lifter structure combined with a specific support kit.
- » The vertical movement is obtained through a translation mechanism which is realized by a screw lifting through a powerful motor controlled by a push button on the handle which can be operated with one hand.
- » Power supplied by two batteries 12 V - 12 Ah.
- » Handling - The trolley is equipped with 4 swivel wheels with high hardness and capacity, which ensure excellent manageability.
- » Functionality- The particular shape of the handle ensures minimum interference during the mounting/dismounting operation of doors.
- » Parts & doors of a max height of 1350 mm can be handled.
- » Adjustable support can handle width in connection with door sizes.
- » Lasting- The power supplied by two 12 V batteries ensures multiple cycles of handling. The state of charge of the battery can be easily monitored thanks to five LED charge indicators.



DOOR/PARTS LIFTER KIT FOR WHEEL LIFTER

34185100

- » A specific parts kit to convert 34196000 Wheel Lifter into a lifter for doors and other vehicle parts.
- » Parts & doors of a max height of 1350 mm can be handled.
- » Adjustable support can handle width in connection with door sizes.



35KG MANUAL WHEEL LIFTER

34195500

- » Operated using battery power or pneumatic screwdriver with 1/2" square socket.
- » Four heavy duty swivel wheels for excellent maneuverability.
- » Low center of gravity and lightweight column for ease of handling and stability against tipping.
- » Special handle shape provides a convenient point of grip and minimum interference during the mounting/ dismounting operation of the tyres.
- » Lowering of the base bracket allows for easy wheel loading.
- » Offset position allowing for ease of positioning of the wheel onto the vehicle.

Technical Specifications

Max. Capacity	35kg
Run	950mm
Max. Wheel Hub Height	1200mm
Packing Height	1450mm
Base Width	840mm
Base Depth	770mm
Max. Screwdriver Speed	2000rpm
Working Temperature	-5°C; +45°C



60KG BATTERY POWERED WHEEL LIFTER

34196000

- » Push button on handle for easy one handed operation.
- » Powered by two 12 V 12 Ah batteries with LED charge indicators.
- » Four swivel wheels for easy movement of the trolley and low center of gravity for stability against tipping.
- » Special handle shape provides a convenient point of grip and minimum interference during the mounting / dismounting operation of the tyres.
- » Offset position allowing for ease of positioning of the wheel onto the vehicle.

Technical Specifications

Max. Capacity	60kg
Run	1100mm
Max. Wheel Hub Height	1400mm
Packing Height	1710mm
Base Width	755mm
Base Depth	730mm
Travel Speed	0.10 - 0.14 m/s
Battery Type	12v - 12Ah



100KG BATTERY POWERED WHEEL LIFTER

34196500

- » Push button on handle for easy one handed operation.
- » Powered by two 12 V 12 Ah batteries with LED charge indicators.
- » Four swivel wheels for easy movement of the trolley and low center of gravity for stability against tipping.
- » Special handle shape provides a convenient point of grip and minimum interference during the mounting / dismounting operation of the tyres.
- » Offset position allowing for ease of positioning of the wheel onto the vehicle.

Technical Specifications

Max. Capacity	100kg
Run	1290mm
Max. Wheel Hub Height	1790mm
Packing Height	1825mm
Base Width	980mm
Base Depth	850mm
Travel Speed	120 m/s
Battery Type	12v - 12Ah



VIBRO-IMPACT® AIR HAMMER

90206000

- » A unique concept to aid the removal of seized suspensions parts.
- » Controlled application of force via an air powered impact hammer.
- » Allows the operator to control and gradually increase the force being applied.
- » Built in shock absorber.
- » Low vibration for user comfort.



INSERTS

Part no.	Description	Image	Part no.	Description	Image
90221000	Tie Rod Separator Bit		90223000	Ball Joint Separator Bit	
90222000	Hammer Bit		90228000	1/2" Sq Drive Bit	
90238500	Concave Hammer		90236200	Chisel-Separator	
90236100	Sheet Metal Cutter		90237500	Exhaust Chisel Set (set of 2)	

HEAVY DUTY VIBRO-IMPACT® AIR HAMMER

90245000

- » The heavy duty Vibro-Impact® air hammer is for applications including loosening tight connections on vehicles such as HGVs, agricultural and construction vehicles.
- » The high performance air hammer helps to disassemble conical seat connections, wheel bearings, bushes, rusted screw connections etc.
- » A unique concept to aid the removal of seized suspension parts.
- » The Vibro-Impact system allows for the controlled application of force via an air powered Impact Hammer.
- » Allows the operator to control and gradually increase the force being applied, in order to loosen seized components.
- » Features a built-in shock-absorber in order to minimise risk of damage if too much pressure is accidentally applied. Low vibration for user comfort.

Specifications:

- » Weight: 5.40kg
- » Length: 380mm
- » Air supply: 6.2bar (90psi)
- » Air usage: 210 ltrs / min
- » Stroke: 2500 bpm



INSERTS

Part no.	Description	Image	Part no.	Description	Image
90245300	Tie-Rod Insert		90245700	Concave Insert	
90245500	Hammer Insert		90245900	Pin Insert	
90245100	Chisel End Bit				

4 pack also available as part number 902400SP

Part no.	Description	Part No.	Description
902450SP	Tool With Chisel Insert	902455SP	Tool With Hammer Insert

UNBREAKABLE VICE - FIXED BASE

- » High quality, heavy duty construction provides years of trouble free use.
- » CNC machined components for excellent fit and durability.
- » Hardened and tempered finely ground jaws for superior grip.
- » Scratch resistant hammered blue finish.
- » Replacement parts available including jaws and handle.
- » Guaranteed unbreakable - *excluding jaws and handle.

Part no.	Size (Inch)	Jaw Width (mm)	Jaw Opening (mm)	Throat Depth (mm)
53320400	4"	102	132	74
53320600	6"	153	206	95
53320800	8"	203	225	105

GUARANTEED UNBREAKABLE*

*EXCLUDING JAWS AND HANDLE

 53320400



SWIVEL BASE FOR MECHANICS VICE

- » Allows 360° rotation of Mechanics Vice for better access.
- » Lockable to most convenient angle.

Part no.	Compatible Vice
533204-B	53320400
533206-B	53320600
533208-B	53320800



REPLACEMENT JAWS FOR MECHANICS VICE

- » Replacement jaws for Mechanics Vices as supplied.

Part no.	Compatible Vice
533204-01	53320400
533206-01	53320600
533208-01	53320800



OPTIONAL SOFT JAWS FOR MECHANICS VICE

- » Optional Soft Jaws for Mechanics Vices for added protection of delicate workpieces.

Part no.	Compatible Vice
533204-02	53320400
533206-02	53320600
533208-02	53320800



MAGNETIC VICE JAWS

- » Universal jaws for use with any vice with the corresponding jaw size.
- » Equipped with an extremely powerful magnetic strip which easily attaches the jaw to the vice and ensures a rapid setup.
- » The magnetic strip is only magnetic against the vice jaws and will not attract debris or fillings to the clamping surface nor magnetize the clamped parts.
- » Features an extremely powerful neodymium magnetic strip. Holding force for a 100mm jaw is 3.5kg equivalent to 34N, for instance.
- » These Magnetic Jaws can also be used in combination with one another. For instance, for taper pins or thin walled tubes use the Neutral or Prism / Vee Pipe together with the Rubber option. For irregularly profiled parts with one flat surface use the Fibre covered on the flat surface and the rubber covered on the profiled side.



POLYURETHANE CROSS SERRATED

- » Polyurethane with small cross serrations for a firm grip with a shore hardness of A82. "Bites onto" the work piece without damaging or scratching it and is so flexible, that it returns to its original shape after deformation.

Part no.	Size	Compatible Vice
53341000	100mm	53320400
53341500	150mm	53320600



POLYURETHANE GROOVED

- » Polyurethane with grooves with a shore hardness of A82. "Bites onto" the work piece without damaging or scratching it and is so flexible, that it returns to its original shape after deformation.

Part no.	Size	Compatible Vice
53351000	100mm	53320400
53351500	150mm	53320600



NEUTRAL

- » Hardened aluminium alloy 6063, T66F25 with magnesium and silicon as alloying elements. Offers superior corrosion resistance along with excellent surface finish making the alloy the ideal material for securing your item firmly in the vice while still protecting the surfaces of your delicate objects.

Part no.	Size	Compatible Vice
53301000	100mm	53320400
53301500	150mm	53320600
53301800	200mm	53320800



PRISM/VEE PIPE

- » Designed for multipurpose application, offering efficient clamping and protection of the workpiece at the same time. Designed for; horizontal clamping of flat objects, horizontal clamping of round objects and vertical clamping of round objects.
- » For thread cutting it is recommended only to use one prism jaw to avoid destroying the jaw. The vee-groove will align the workpiece and the serrations of the opposite vice jaw will keep it from turning.

Part no.	Size	Compatible Vice
53331000	100mm	53320400
53331500	150mm	53320600
53331800	200mm	53320800



FIBRE COVERED

- » Hardened aluminium jaws with fibre cover for high finish machined workpieces.

Part no.	Size	Compatible Vice
53321000	100mm	53320400
53321500	150mm	53320600
53321800	200mm	53320800



RUBBER COVERED

- » For assembly and for irregularly shaped parts, thin walled tubes and delicate items etc.

Part no.	Size	Compatible Vice
53311000	100mm	53320400
53311500	150mm	53320600
53318000	200mm	53320800



AUTOMATIC BRAKE PRO BLEEDERS

- » Professional brake bleeder available in 2 configurations and 2 possible power supply modes, fully electronically managed and designed with one goal : reliability and robustness.
- » LCD color screen and user-friendly 4 button touch panel.
- » Bleeding with adjustment from vacuum 0,5 bar to pressure 4,5 bar (7 to 65 psi).
- » Automatic levelling of the master cylinder's reservoir.
- » Automatic stop when the new DOT drum/can is empty.
- » Many safety functions such as automatic stop when the bleeder detects an abnormal pressure.
- » Works for brake and clutch bleeding.
- » Interchangeable drum/can and flushing mode for different DOT use.
- » Flexible length: 5 m.
- » Includes EU standard master cylinder cap adaptor (34301400-P).
- » Includes retrieving bottle for old fluid with nipple adaptor and chain.
- » Powered from the 12v battery, or an accessory power adaptor can be used.

Part no.	Description
34313000	Automatic Brake Pro Bleeder - Portable 20L
34313500	Automatic Brake Pro Bleeder - Portable 60L with Trolley



NEW

12V AUTOMATIC BRAKE BLEEDER- 3.5 BAR

343001V2

- » Allows one man operation for brake and clutch bleeding.
- » Compatible with ABS systems.
- » 12v powering with reverse polarity warning.
- » Stainless steel body.
- » Includes pump with automatic shut off valve.
- » 5L reservoir with visible (min) level indication.
- » Auto power OFF when min level reached.
- » Large reservoir opening for easy cleaning.
- » Includes 34301400-P Plastic SP Euro cap - angled screw type for popular vehicle connection.
- » Power cable for brake fluid with quick coupling system (Length: 4m).
- » Regulator: 0-3.5 bar. » 4 x Wheels (2 x Front Swivel).



240V ELECTRIC BRAKE BLEEDER - 4 BAR

34400500

- » Allows one man operation for brake and clutch bleeding.
- » Compatible with ABS systems.
- » Rugged impact resistant moulded housing.
- » Long supply hose (3.2 metres) allows for use with vehicle raised on a ramp.
- » Adjustable pressure output from 0 - 4 bar to suit vehicle.
- » Large internal storage area for brake fluid containers up to 10 litres.
- » Includes 34301400-P Plastic SP Euro cap - angled screw type for popular vehicle connection.
- » Additional range of caps available.
- » Maximum Pressure: 4 bar





VIBRO-IMPACT® AIR HAMMER

90206000

- » A unique concept to aid the removal of seized suspensions parts.
- » Controlled application of force via an air powered impact hammer.
- » Allows the operator to control and gradually increase the force being applied.
- » Built in shock absorber.
- » Low vibration for user comfort.



INSERTS

Part no.	Description	Image	Part no.	Description	Image
90221000	Tie Rod Separator Bit		90223000	Ball Joint Separator Bit	
90222000	Hammer Bit		90228000	1/2" Sq Drive Bit	
90238500	Concave Hammer		90236200	Chisel-Separator	
90236100	Sheet Metal Cutter		90237500	Exhaust Chisel Set (set of 2)	

HEAVY DUTY VIBRO-IMPACT® AIR HAMMER

90245000

- » The heavy duty Vibro-Impact® air hammer is for applications including loosening tight connections on vehicles such as HGVs, agricultural and construction vehicles.
- » The high performance air hammer helps to disassemble conical seat connections, wheel bearings, bushes, rusted screw connections etc.
- » A unique concept to aid the removal of seized suspension parts.
- » The Vibro-Impact system allows for the controlled application of force via an air powered Impact Hammer.
- » Allows the operator to control and gradually increase the force being applied, in order to loosen seized components.
- » Features a built-in shock-absorber in order to minimise risk of damage if too much pressure is accidentally applied. Low vibration for user comfort.

Specifications:

- » Weight: 5.40kg
- » Length: 380mm
- » Air supply: 6.2bar (90psi)
- » Air usage: 210 ltrs / min
- » Stroke: 2500 bpm



INSERTS

Part no.	Description	Image	Part no.	Description	Image
90245300	Tie-Rod Insert		90245700	Concave Insert	
90245500	Hammer Insert		90245900	Pin Insert	
90245100	Chisel End Bit				

4 pack also available as part number 902400SP

Part no.	Description	Part No.	Description
902450SP	Tool With Chisel Insert	902455SP	Tool With Hammer Insert

1" IMPACT WRENCH- SHORT ANVIL

90204600

- » Powerful twin hammer mechanism.
- » 4 step power control.
- » Smart design and ergonomically designed handle.
- » Single-switch can be changed for easy forward or reverse operation.
- » Easily adjustable torque regulator.
- » Can be configured for right and left handed use.
- » Lightweight magnesium composite housing.
- » 38mm short anvil.

Specifications:

- » Drive 1" » Noise (dBA) 94
- » Max Torque Nm (Reverse) 3100 » Air Consumption (l/min) 305
- » Torque Nm (Forward) 2200 » Weight (KG) 6.80



MICRO DIE GRINDER

90213000

- » The latest generation mini composite device for small / fine grinding and milling.
- » Ideal for cutting seized components, exhaust fittings & locking wheel nuts.
- » Ideal for use in confined spaces.
- » Provides perfect handling due to the 'Bionigrip' surface.
- » Minimal vibration and low noise.
- » Powerful mini device for small / fine grinding & milling.
- » 1/8" drive / 70,000 rpm.



MICRO DIE GRINDER BIT SET (5 PACK)

90213500

- » Contains five shaped ends suitable for precision work.

Also available in packs of 3

Part No.	Description	Image	Length	Diameter
902135-01	Straight Bit Set		40mm	3mm
902135-02	Mushroom End Bit Set		33mm	3mm / Sphere - 4mm
902135-03	Rounded End Bit Set		40mm	3mm
902135-04	Tapered End Bit Set		40mm	3mm
902135-05	Spear Point Bit Set		40mm	3mm



MICRO DIE GRINDER & BIT SET

902130SP

- » Includes 90213000 Micro Die Grinder and 90213500 Bit Set.



1/2" IMPACT WRENCH

- » High quality impact wrench with smart design and ergonomic handle.
- » 7 vanes for extra power and single switch can be easily changed for forward or reverse operation.
- » Easily adjustable torque regulator.
- » Can be configured for right and left hand use.
- » Features 3-step power control and a lightweight magnesium composite housing.
- » Available in black, signal green or neon orange.
- » Twin-hammer.
- » Variable speed trigger.
- » One handed operation.

 90201000



1600NM REVERSE / 1084NM FORWARD



 90201000-GREEN



 90201000-ORANGE



IMPACT WRENCH RANGE

- » Compact, smart design with ergonomically designed handle.
- » Lightweight magnesium composite housing.
- » Very low air consumption.
- » Single-switch can be changed for easy forward or reverse operation.
- » Easily adjustable torque regulator.
- » Can be configured for right and left handed use.
- » 3 step power control.



 90203500



 90202500



 90201300



 90201000



90202000

Part no.	Drive	Max Torque Nm (Reverse)	Torque Nm (Forward)	Noise Level (dBA)	Air Consumption (l/min)	Weight (kg)
90203500	1/4"	90	90	98.2	105	0.9
90202500	3/8"	680	500	93.5	130	1.08
90201300 (Ultra-Short)	1/2"	677	500	95	134	1.3
90201000	1/2"	1600	1084	94.2	135	1.8
90202000	3/4"	2600	2000	97	210	3.2



AIR TOOLS SERVICE & LUBRICATION KIT

90215000

- » For servicing air tools.
- » Includes 1 x bottle of air tool oil, 1 x tube of air tool grease, applicator nozzle and grease press.



RUBBER BOOT FOR 90201000

90201100

- » For use with 90201000 1/2" Impact Wrench.
- » Protects gun from accidental damage.

**Impact wrench not included.*



UNIVERSAL AIR SWIVEL JOINT INLET

90220000

- » 2 x 360° rotation.
- » Industrial quality.
- » Heat treated connecting screw.



BIONIGRIP HEAVY DUTY STRAIGHT AIR DIE GRINDER

90211000

- » Provides ultimate power and perfect handling due to the 'Bionigrip' anti-slip surface.
- » Low noise level and minimal vibration provides less "kick back" from cutters.
- » Includes stepless trigger and air exhaust to the rear.
- » Precision collet: 6.0mm instead of the usual 1/4" clamps carbide cutters over the entire length.

Technical Specifications

Weight	0.5kg	Air Inlet	1/4" NPT
Length	175mm	Hose Min.	10mm
Precision Collet	6mm	Air Consumption	116/min
Maximum RPM	23,000		



BIONIGRIP HEAVY DUTY 90 DEGREE AIR DIE GRINDER

90212000

- » Provides perfect handling due to the 'Bionigrip' surface.
- » Low noise level and minimal vibration provides less "kick back" from cutters.
- » Includes stepless trigger and air exhaust to the rear.

Technical Specifications

Weight	0.82kg	Air Inlet	1/4" NPT
Length	177mm	Hose Min.	10mm
Precision Collet	6.35mm	Air Consumption	116/min
Maximum RPM	23,000		



Full Repair Service Available!

For more information, contact customer services on 01543 679 900 or at sales@sykes-pickavant.com



AIR TOOLS

MINI ANGLE DISC CUTTER & CUTTING DISCS

902970SP

- » Includes mini angle disc cutter and discs (x10).
- » Air tool for cutting and grinding.
- » Diameter: 50mm / Centre Bore: 10mm.
- » Ideal for use in hard to reach areas.
- » Includes adjustable spark projector.
- » 90297500 - Replacement Cutting Discs (x10).



VIBRO IMPACT GLOWPLUG REMOVER

085900V2

- » For the safe, effective removal of 8mm, 9mm, 10mm, 11mm & 12mm glow plugs.
- » Uses controlled impact torque to create vibration in order to loosen seized glow plugs.
- » The Vibro-Impact tool 'loosens' the seized glow plug, making it safe and easy to remove without the risk of broken plugs, and / or damaged cylinder heads.
- » Includes 4 low-torque settings for controlled torque vibration (10, 20, 30, 40Nm).
- » Supplied with special long-reach 8, 9, 10, 11 & 12mm glow plug sockets, long and short extensions and universal joint for ease of access.
- » This kit is also effective for: The removal of any small threaded fixings (up to 12mm thread size) e.g. Spark Plugs (particularly useful for Ford and Alfa Romeo Twin Spark engines), Exhaust manifold studs, Engine sump fixings.

Specifications:

- » Square Drive ¼"
- » Max Torque- Right 40Nm
- » Max Torque - Left 10 / 20 / 30 / 40Nm
- » Air Inlet ¼"
- » Air Consumption 250 ltrs / min
- » Speed 12,000 rpm
- » Air Supply 6.3bar / 90psi



SIGNAL HOSE

90210000

- » Length: 10 metres.
- » High-visibility hose to reduce trip hazard.
- » Abrasion resistant outer cover.
- » N.B. Hose supplied without fittings.
- » Specifications:
- » 10mm / 3/8" ID.
- » Working temp range -40°C to +65°C.
- » Working pressure 300psi.
- » Break pressure 1000psi.



ELECTRICAL & CABLE TOOLS

DOUBLE-X-HOSE CLAMP PLIER- BENT

03278000

- » Bent version.
- » Universal plier for hard to reach areas and narrow spaces.
- » Double joint mechanism.
- » New head design for multi angle gripping.
- » Ratchet lock holds the hose clamp open.
- » 440mm length.



DOUBLE-X-HOSE CLAMP PLIER- STRAIGHT

03277000

- » Straight version.
- » Universal plier for hard to reach areas and narrow spaces.
- » Double joint mechanism.
- » New head design for multi angle gripping.
- » Ratchet lock holds the hose clamp open.
- » 440mm length.



PLIERS FOR HOSE CLAMPS

GO807

- » Due to the particular shape of the arms, these pliers allow you to easily open and close CAILLAU CLIC (55, 66, 86), CLIC R (R66, R86, R96) and CLIC E clamps.
- » With these pliers it is possible to open and close screwless hose clamps.
- » It is possible to change from the opening to the closing function by rotating the pliers 180°.
- » Ergonomic, self-opening handles with different colours to identify the opening and closing functions.
- » For vehicle engine and chassis, fuel lines, air filters, steering, drive shaft sleeves, as well as other industrial and electrical sectors.



FASTENER TOOLS

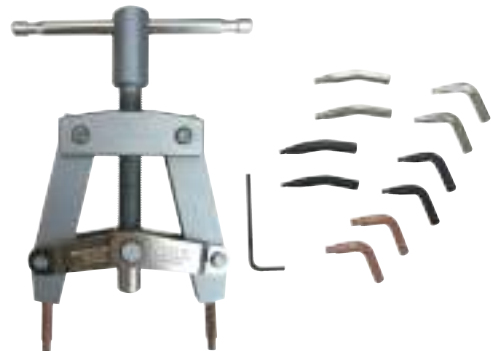
INTERNAL/EXTERNAL CIRCLIP TOOL

02870000

- » Provides safe and stable service of extra large circlips.
- » Compound screw lever for easy installation and removal of large circlips.
- » Tip Kit contains durable alloy colour coded tips and hex key.
- » Packaged in black blow-molded case.

Tip Sizes:

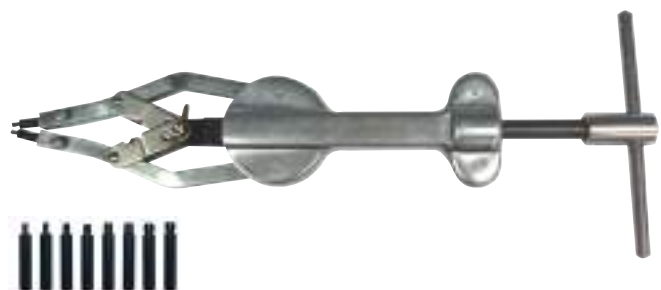
- » Bent 20 degrees: 3mm, 3.8mm, 4.6mm.
- » Bent 72 degrees: 3mm, 3.8mm, 4.6mm.



CIRCLIP TOOL WITH PEG SET

02830000

- » Universal Circlip Tool.
- » T-Bar handle with screw action for precise control.
- » Use for internal and external applications.
- » Supplied with 4 pairs of inter-changeable tips: 2.29mm/3.00mm/3.91mm/4.32mm diameter.



Spare Parts Part No.	Description
02831600	Replacement Tips 4 pcs

FASTENER TOOLS

HYDRAULIC NUT SPLITTERS

- » Removes seized nuts without damaging threads.
- » Allen key hex drive.

Part no.	Nut Capacity
031600V2	22mm
033600V2	37mm
033604V2	22mm & 37mm



Spare Parts

Part no.	Description
031612V2	Cutter & Anvil for 031600V2
033612V2	Cutter & Anvil for 033600V2

MECHANICAL NUT SPLITTERS

- » Features a flat upper head instead of a rounded design to ensure that the nut does not rotate while splitting.
- » Improved nut placement and perpendicular chisel position allows for an easy nut split without damage to the thread.

Part no.	Size	Thread Size	Max Torque	Dimensions
03360500	4 - 17 mm	Up to M10	38 Nm	M14 x 1.5 x 47mm
03360600	8 - 24 mm	M5 - M16	50 Nm	M14 x 1.5 x 47mm
03360700	19 - 36 mm	M12 - M24	190 Nm	M18 x 1.5 x 50mm



NEW

Spare Parts

Part no.	Description	Part no.	Description
033605-10	Replacement Blade 4-17mm	033606-20	Replacement Blade 8-24mm Stainless Steel
033605-20	Replacement Blade 4-17mm Stainless Steel	033607-10	Replacement Blade 19-36mm
033606-10	Replacement Blade 8-24mm	033607-20	Replacement Blade 19-36mm Stainless Steel

STUD SETTER AND EXTRACTOR

01200000

- » Acentric wheel provides powerful grip, for stud setting or removing rusted and stubborn studs.
- » 1/2" sq. drive.
- » Capacity 6-19mm studs.



SCREW EXTRACTOR SET

01800000

- » For the removal of broken studs 6-12mm diameter.
- » Broken stud is drilled and an extractor is used to remove the remains of the stud.

Contents:

- » Drill Bits x5
- » Drill guides x10
- » Extractor Assemblies x5



SCREW EXTRACTOR SET 5PC

66099000

- » Spiral LH Screw Extractors (easy-outs).
- » 3-19mm Capacity.
- » Supplied in a plastic case.



THREAD RESTORERS

- » For repairing damaged threads where a conventional die cannot be used.
- » Provides eight pitch sizes of thread form.



Part no.	Thread Form	Pitch Sizes
01560000	BSW / BSF	11, 12, 14, 16, 18, 20, 22, 26
01560100	SAE / UNF	12, 13, 14, 16, 18, 20, 24, 28
01560200	METRIC	0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00
01560300	BSP	11, 12, 14, 16, 19, 20, 22, 28

GENERAL WORKSHOP TOOLS

HOOK & PICK SET 9PC

66088700

- » Hardened chrome vanadium steel.
- » Ergonomic soft grip handles.
- » Includes multi-purpose scraper, ideal for gasket scraping.
- » Set of 9 hooks, picks and scraper, ideal for the fitting and removal of: O rings, Seals, Bushes, Springs, Cotter Pins, Fuses etc.
- » Supplied in moulded storage tray.

Contents:

- » 4 x Standard Hooks & Picks
- » 4 x Mini Hooks & Picks
- » 1 x Straight Edge Scraper



3/4" IMPACT SOCKET SET

69005500

- » 7 piece 3/4" Stubby Impact Socket Set.
- » Includes 7x popular socket sizes: 24, 27, 30, 32, 33, 36 and 41mm and 1x 175mm Extension.



For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



GENERAL WORKSHOP TOOLS

UNIVERSAL FLOW STOP KIT

- » A reusable system to keep fluids in and dirt and dust out of maintenance systems; maintaining a clean and safe workshop equipment.
- » The rubber material is silicone free and highly resistant to many chemicals, acids and other aggressive fluids.
- » Dimensions: 1-22mm.
- » Temperature Range -25°C to +90°C.
- » Suitable for non-pressurised systems only.



70200000



70300000

Part no.	Description
70200000	6 x Micro Plugs - 1-10mm, 4 x Standard Plugs - 5-22mm
70300000	4 x Micro Plugs - 1-10mm, 4 x Standard Plugs - 5 x 22mm, 2 x XL Plugs 13-42mm

XL INDIVIDUAL FLOWSTOPS

- » **70400000** - 35-80mm
- » **70500000** - 60 - 130mm

Standard 330ml can shown for scale purposes.



70400000



70500000



UNIVERSAL SPANNER EXTENDERS

- » Provides additional leverage in a secure manner.
- » Ideal for use with spanners, allen keys etc.
- » Loosens tight connections in hard to reach areas.

Part no.	Length
68785000	230mm
68786000	340mm
68790000	450mm
68795000	580mm



PUMP SPRAYER

SPEEDLINE1001

- » 1 litre industrial pump sprayer.
- » Suitable for various chemicals e.g. detergents, solvents, brake cleaner and general cleaning agents*.
- » Polythene body with pressure relief valve.
- » Includes adjustable brass spray head nozzle and viton seals.
- » *Important: Before use, please check the compatibility of the product you wish to spray.



CHISEL SCRAPER SET (4PC)

67002400

- » Stainless steel blade through handle.
- » Easy to sharpen.
- » 2 component handles.
- » Suitable to use with a hammer.

Sizes:

- » 230 x 320 x 2.6mm » 230 x 32 x 1.2mm
- » 190 20 x 2.6mm » 190 x 20 x 1.2mm



CARBIDE SCRAPER KIT

67000200

- » Universal Tool for the removal of unwanted build ups.
- » Double edged blade gives you the ability to use the tool on both sides as a push or pull tool.
- » Ergonomically designed to fit comfortably in your hand.
- » High quality carbide tips give the tool a longer lifespan.
- » For use on gaskets, corrosion on brakes, paint and glue in hard to reach areas and carbon on the exhaust manifold.



UNIVERSAL WIPER EXTRACTOR WITH ADJUSTABLE FORK

GO1151

- » Universal capabilities - Wide adjustment range covers different sizes.
- » Extractor for removing the wiper arm from the wiper shaft.
- » Special version with adjustable fork spring.
- » Extraction spindle with aluminium turning head to prevent damage to shaft.
- » Ultra-thin fork design for usage in narrow spaces.
- » Wide radius for work on large wipers.
- » Strong design for use on seized windscreen wipers.
- » Spring mechanism balances the pressure on half-fork.

Specifications:

- » Screw: M10 x 1.0 » Working Height: 48mm
- » Connection: SW 17mm » Weight: 0.5kg
- » Fork Width: 16-38mm



SCRAPER & BLADES

70100000

- » New design razor scraper with quick lock mechanism.
- » Non-slip 2 component handle.
- » Includes 5 steel & 5 plastic blades.
- » Length: 210mm.
- » Blade: 39mm.

Spare Blades:

- » 70101000 - 10 x plastic blades.
- » 70102000 - 10 x steel blades



INSPECTION TOOLS

CORROSION ASSESSMENT TOOL FOR MOT

 **05920000**

- » Designed by the VI for checking bodywork and structural corrosion.
- » Approved by the VOSA for MOT Inspections.



TYRE TREAD DEPTH GAUGE

 **03280000**

- » MOT Approved Gauge Complete with Pocket Clip.
- » Measures 0-26mm in 1mm increments.
- » Inc. 1.6mm depth measurement for MOT regulations.



MAGNETIC PICK UP TOOL

 **67000800**

- » This flexible tool can reach into small/tight spaces to help you retrieve metal objects up to 300 grams in weight.
- » 400mm overall length.



MAGNETIC TELESCOPIC PICK UP TOOL

 **67000600**

- » Magnetic Telescopic Extension.
- » 135-480mm Extended Length.



STORAGE ITEMS

SPANNER RACK SET (2PC)

 **SPEEDLINE2001**

- » Ideal for use in toolboxes drawers.
- » Graduated teeth provide maximum wrench storage.
- » Holds up to 32 spanners securely, depending on how they are organised.
- » Self-adhesive strip aids fitting.
- » Trims easily for a custom fit.
- » Fuel and solvent resistant.
- » 580mm Length x 34mm Max Height.



UNIVERSAL HOOT KIT

 **04554000**

- » Hook kit for universal applications such as brake caliper, cables, hoses, etc.
- » Hooks are bendable.



DEEP MAGNETIC BOWL

- » Strong magnet will attach securely to any metal object in your garage or workshop.
- » Unique shape allows it to be positioned vertically or horizontally.
- » Magnet keeps metal tools and components secured at any angle.
- » Ø152mm x 135mm (overall height) / 113mm (maximum inner depth).

Part no.	Description
7710ORANGE	Orange Bowl
7710GREY	Grey Bowl
7710GREEN	Green Bowl
7710BLUE	Blue Bowl



MAGNETIC HOLDERS

- » Universal magnetic-holder guaranteed to organize workshop surroundings, avoid trip hazards etc.
- » High End Neodymium Magnets.
- » Rubber coated surface avoids scratches and is oil resistant.

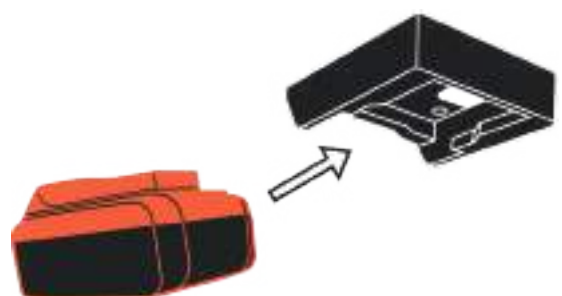
Part no.	Description
04572000-ORANGE	Orange- 2 Pack (91mm) - Large
04572000-BLUE	Blue- 2 Pack (91mm) - Large
04572000-GREEN	Green- 2 Pack (91mm) - Large
04574000-ORANGE	Orange- 4 Pack (51mm) - Small
04574000-BLUE	Blue- 4 Pack (51mm) - Small
04754000-GREEN	Green- 4 Pack (51mm) - Small



BATTERY MOUNTS

- » Keep your spare batteries organised and right where you need them.
- » Made from strong injection moulded ABS plastic with holes for mounting.
- » Batteries 'click' into place and can be held at any angle.
- » Can be mounted at varying distance from one another and in very small spaces for maximum workshop efficiency.

Part no.	Size	Depth
90804000	Milwaukee Battery Mount (pair)	Milwaukee M18 Cordless Batteries
90804200	DeWalt Battery Mount (pair)	Dewalt 10.8v/12v Cordless Batteries
90804400	Makita Battery Mount (pair)	Makita 18v LXT Cordless Batteries
90804600	Makita Battery Mount (pair)	Makita 10.8v & 12v CXT Batteries
90804800	Stanley Fatmax, Black & Decker and Porter Cable Battery Mount (pair)	Stanley Fatmax, Black & Decker and Porter Cable 18v Cordless Batteries
90804900	Bosch ProCORE and Professional Battery Mount (pair)	Bosch ProCORE and Professional Cordless Batteries



ALLOY WHEEL INNER RIM CLEANER

66195500

- » 160mm Diameter.
- » For the optimal cleaning of the inner wheel contact surface.
- » Prevents corrosion related distortion of wheel bolt tightening torque.
- » Completely removes burnt in corrosion.
- » To be used only on the inside of an aluminium rim, particularly the inner area prior to wheel balancing.
- » The porous abrasives and cup shaped grinding plate ensures minimal dust.
- » Discs are attached with Velcro, making them easy to replace.
- » Optimized for the latest wheel rims with an internal diameter of 75mm.
- » 661927SP- Includes Inner Rim Cleaning Kit and 3 Spare Discs.



Part no.	Description
66192700	3Pc Spare Discs for 66195500 Inner Rim Cleaner

WHEEL HUB GRINDERS

- » Special grinder for cleaning the wheel centering device and the attachment face between the wheel and hub.
- » Removes stubborn corrosion residues quickly and easy (3-25 second processing time per hub).



Part no.	Description	Grinding Diameter	Internal Diameter	Max Speed
66192000	60mm Wheel Hub Grinder 1 Holder + 1 Disc Supplied	160mm	60mm	1500rpm
66192200	3pc Spare Discs for 66192000	N/A	N/A	N/A
66192500	75mm Wheel Hub Grinder 1 Holder + 3 Disc Supplied	160mm	75mm	1500rpm
66192700	3pc Spare Discs for 66192500	N/A	N/A	N/A
66193000	90mm Wheel Hub Grinder 1 Holder + 2 Discs Supplied	200mm	90mm	1000rpm
66193200	2pc Spare Disc for 66193000	N/A	N/A	N/A

ALU-WHEEL STUD GRINDER

66194000

- » Special Grinder used to clean the wheel rim contact surface, designed for vehicles with stud bolts - corrosion is quickly and easily removed.

Contents:

- » 1 holder
- » 5 x 60mm discs
- » 5 x 40mm discs

Part no.	Description
66194200	40mm 5pc Spare Discs for 66194000
66194300	60mm 5pc Spare Discs for 66194000



ALU-WHEEL STUD GRINDER-HGV

66198000

- » Special Grinder used to clean the wheel rim contact surface, designed for vehicles with stud bolts - corrosion is quickly and easily removed.

Contents:

- » 1 holder
- » 5 x 56mm standard discs
- » 5 x 56mm rough discs



Part no.	Description
66198100	5pc Standard Discs for 66198000
66198200	5pc Rough Discs for 66198000

LOCKING LUG NUT REMOVER KIT

69070000

- » The ultimate tool to remove the most difficult locking wheel nuts in the quickest and safest way.
- » Designed to accommodate even the newest locking wheel nuts featuring complex designs and harder material.
- » Ideal for use in place of lost or damaged locking wheel nut keys.
- » Removes the most difficult locking wheel nuts.
- » Professional kit : made of solid material that can work on the hardest wheel nuts.
- » Very easy and quick to use : 4 to 8 minutes per wheel.
- » Works on all types of sockets from any brand.
- » Works on all modern cars with oddly shaped wheel nuts.
- » Also works on damaged wheel nuts.

Contents:

- » 4 x Nylon internal centering guides
- » 3 x metal external centering guides
- » 1 x metal centering guide for free turning wheel nuts
- » 2 x special ultra hard drill
- » 4 x extractors
- » 1 x impact extractor holder
- » 1 x impact extractor remover



Spare Parts			
Part no.	Description	Part no.	Description
690700-01	Impact Extractor Holder	690700-07	Lug Nut Drills (5pc)
690700-02	Impact Extractor Remover	690700-08	Lug Nut Extractor Kit (4pc)
690700-03	Centering Guide 17-19mm	690700-09	Internal Centering Guide 33mm
690700-04	External Centering Guide 19mm	690700-10	Internal Centering Guide 35mm
690700-05	External Centering Guide 21mm	690700-11	Internal Centering Guide 37mm
690700-06	External Centering Guide 24mm	690700-12	Internal Centering Guide 38mm

UNIVERSAL TRIM TOOL

68010100

- » Versatile tool with many uses.
- » Can be used for removing stuck wheel weights or trim.
- » Ergonomic edge.
- » 3-sided blade.
- » Further uses include aiding the removal of rear lights and other trim applications.



WHEEL & TYRE

CONICAL ERASER FOR RIMS

68010200

- » To remove the adhesive of the wheel weights.
- » Includes 1 x Conical Eraser and adaptor for drill chuck.



ADAPTOR FOR WHEEL WEIGHT ADHESIVE REMOVER

68010300

- » Adaptor for wheel weight adhesive remover.



HYDRAULIC RAMS

12 TONNE MECHADRAULIC CYLINDER

GO1010

- » Provides up to 12 tons of controlled hydraulic force.
- » Dimensions: Ø80 x 55 mm.
- » Stroke: 8 mm.
- » Driving torque: 67Nm.
- » Weight: 2.5 Kg.
- » Hole: Ø21.5 mm.



12 TONNE HYDRAULIC CYLINDER- STEEL

GO1012

- » Provides up to 12 tons of controlled hydraulic force.
- » Dimensions: Ø80 x 55 mm.
- » Stroke: 8 mm.
- » Pressure: max. 700 Bar.
- » Hole: Ø21.5 mm.
- » Connection: 3/8" -18 NPT.



12 TONNE HYDRAULIC CYLINDER - STEEL - LONG STROKE

GO1060

- » Provides up to 12 tons of controlled hydraulic force.
- » Dimensions: Ø90 x 155 mm.
- » Stroke: 43 mm.
- » Pressure: max. 700 Bar.
- » Hole: Ø20 mm.
- » Connection: 3/8" -18 NPT.
- » Mounting Thread: 2" 3/4-16 UN.
- » Adaptors: M10/M12/M14/M16/M18.



12 TONNE HYDRAULIC CYLINDER

18592000

- » Provides up to 12 tons of controlled hydraulic force.
- » Hollow, self-retracting design.
- » Stroke: 8mm.
- » Hole: Ø16mm.
- » Dimensions: Ø78 x 62mm.



12 TONNE HYDRAULIC CYLINDER - LONG STROKE

18592100

- » Provides up to 12 tons of controlled hydraulic force.
- » Hollow, self-retracting design.
- » Stroke: 40mm.
- » Hole: Ø16mm
- » Dimensions: Ø78 x 124mm.



17 TONNE HYDRAULIC CYLINDER

GO1017

- » Provides up to 17 tons of controlled hydraulic force.
- » Dimensions: Ø90 x 155 mm.
- » Stroke: 43 mm.
- » Pressure: max. 700 Bar.
- » Hole: Ø20 mm.
- » Connection: 3/8" -18 NPT.
- » Outside connection thread: 2" 3/4-16 UN.



17 TONNE HYDRAULIC CYLINDER - ALUMINIUM

GO1061

- » Provides up to 17 tons of controlled hydraulic force.
- » Dimensions: Ø90 x 155 mm.
- » Adaptors: M10, M12, M14, M16 and M18.
- » Pressure: Max 700 Bar
- » Stroke: 43mm
- » Connection: 3/8"- 18NPT
- » Mounting Thread: 2" 3/4-16 UN.



20 TONNE HYDRAULIC CYLINDER

GO1020

- » Provides up to 20 tons of controlled hydraulic force.
- » Dimensions: Ø100 x 60.
- » Stroke: 8 mm.
- » Pressure: 700 Bar.
- » Weight: 3.04 Kg.
- » Coupling connection thread 3/8" -18 NPT.



HYDRAULIC RAMS

32 TONNE HYDRAULIC CYLINDER- STEEL

GO1032

- » Provides up to 32 tons of controlled hydraulic force.
- » Dimensions: Ø104 x 261 mm.
- » Stroke: 50 mm.
- » Pressure: max. 700 Bar.
- » Hole: Ø21.5 mm.
- » Connection: 3/8" -18 NPT.
- » Inner thread: M24 x 2.
- » Outside connection thread: 2" 3/4-16 UN.



32 TONNE HYDRAULIC CYLINDER- ALUMINIUM

GO1070

- » Provides up to 32 tons of controlled hydraulic force.
- » Dimensions: Ø104 x 261 mm.
- » Stroke: 50 mm.
- » Pressure: max. 700 Bar.
- » Hole: Ø21.5 mm.
- » Connection: 3/8" -18 NPT.
- » Inner thread: M24 x 2.
- » Outside connection thread: 2" 3/4-16 UN.



HYDRAULIC ALUMINIUM PUMP- HAND OPERATED

20017000

- » Portable & lightweight aluminium bodied hydraulic pump fitted with gauge, hydraulic heavy duty hose and 3/4" hydraulic coupler.
- » Hand Operated pump.
- » Pressure Rating: 10,000 psi / 700 bar.
- » Designed for use with single acting cylinders.
- » Automatic overload relief valve protects hydraulic components.
- » Automatic two speed operation - High flow for low resistance and low flow for high resistance.
- » Available without storage tin, P/N: 20017170.



HYDRAULIC ALUMINIUM PUMP- AIR POWERED/FOOT OPERATED

20017500

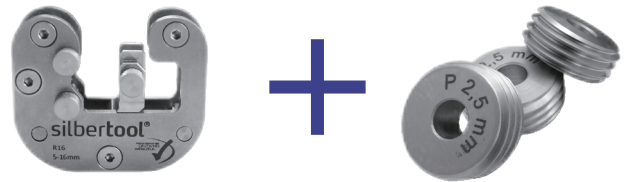
- » Portable & lightweight aluminium bodied hydraulic pump fitted with gauge, hydraulic heavy duty hose and 3/4" hydraulic coupler.
- » Pressure Rating: 10,000 psi / 700 bar.
- » Designed for use with single acting cylinders.
- » Automatic overload relief valve protects hydraulic components.
- » Foot pedal control.
- » Unique inlet and outlet design features a low noise exhaust system.



SILBERTOOL® THREAD REFORMER

Our new range of External Thread Reform Tools uses innovative non-cutting technology to return threads from M5 – M110 back to their original shape.

- » Allows original parts to be reused rather than replaced.
- » Works on all types of thread including metric, fine and imperial with compatible rollers.
- » No external energy source is required; process is completed by hand.
- » Threads are not weakened during the reforming process; cold hardening leaves the thread 39% harder than those which have been cut.
- » Threads reformed with the Silbertool® withstand the same static and dynamic loads as a new undamaged thread, with a higher fatigue endurance limit.
- » The finished surface is smoother than if cut which reduces the chance of corrosion and improves thread lifespan.



Roller packs must be used with the thread reformer; available in sets of 3, they are interchangeable and available to purchase separately



The shape of the original thread is reformed by using Silbertool® compared to cut threads where material is taken away - improving the threads durability and lifespan

M5 - M16 THREAD REFORMER MAIN ASSEMBLY

01421600

- » Pitch: 0.5mm - 2.0mm.
- » Max. Radius of Action: 35mm while working with ø 5mm.



01421600 - COMPATIBLE ROLLER SETS

Part no.	Description	Size	Part no.	Description	Size
014216-301	METRIC ROLLER SET R16	0.5mm	014216-323	UNC/UNF/UNEF ROLLER SET R16	24tpi
014216-302	METRIC ROLLER SET R16	0.75mm	014216-324	UNC/UNF/UNEF ROLLER SET R16	20tpi
014216-303	METRIC ROLLER SET R16	0.8mm	014216-325	UNC/UNF/UNEF ROLLER SET R16	18tpi
014216-304	METRIC ROLLER SET R16	1.0mm	014216-326	UNC/UNF/UNEF ROLLER SET R16	16tpi
014216-305	METRIC ROLLER SET R16	1.25mm	014216-327	UNC/UNF/UNEF ROLLER SET R16	14tpi
014216-306	METRIC ROLLER SET R16	1.5mm	014216-328	UNC/UNF/UNEF ROLLER SET R16	13tpi
014216-307	METRIC ROLLER SET R16	1.75mm	014216-329	UNC/UNF/UNEF ROLLER SET R16	12tpi
014216-308	METRIC ROLLER SET R16	2mm	014216-341	BSW/BSF/BSPP/BS ROLLER SET R16	32tpi
014216-301.1	METRIC ROLLER SET R16	0.5mm LH	014216-342	BSW/BST/BSPP/BS ROLLER SET R16	28tpi
014216-302.1	METRIC ROLLER SET R16	0.75mm LH	014216-343	BSW/BST/BSPP/BS ROLLER SET R16	26tpi
014216-303.1	METRIC ROLLER SET R16	0.8mm LH	014216-344	BSW/BST/BSPP/BS ROLLER SET R16	24tpi
014216-304.1	METRIC ROLLER SET R16	1.0mm LH	014216-345	BSW/BST/BSPP/BS ROLLER SET R16	20tpi
014216-305.1	METRIC ROLLER SET R16	1.25mm LH	014216-346	BSW/BST/BSPP/BS ROLLER SET R16	19tpi
014216-306.1	METRIC ROLLER SET R16	1.5mm LH	014216-347	BSW/BSF/BSPP/BS ROLLER SET R16	18tpi
014216-307.1	METRIC ROLLER SET R16	1.75mm LH	014216-348	BSW/BSF/BSPP/BS ROLLER SET R16	16tpi
014216-308.1	METRIC ROLLER SET R16	2mm LH	014216-349	BSW/BSF/BSPP/BS ROLLER SET R16	14tpi
014216-320	UNC/UNF/UNEF ROLLER SET R16	11tpi	014216-350	BSW/BSF/BSPP/BS ROLLER SET R16	12tpi
014216-321	UNC/UNF/UNEF ROLLER SET R16	32tpi	014216-351	BSW/BSF/BSPP/BS ROLLER SET R16	11tpi
014216-322	UNC/UNF/UNEF ROLLER SET R16	28tpi			

M10 - M36 THREAD REFORMER MAIN ASSEMBLY

01423600

- » Pitch: 0.5mm - 4.0mm.
- » Max. Radius of Action: 115mm while working with ø 10mm.



SILBERTOOL® THREAD REFORMER

01423600 - COMPATIBLE ROLLER SETS

Part no.	Description	Size	Part no.	Description	Size
014236-201	METRIC ROLLER SET R36	0.5mm	014236-221	UNC/UNF/UNEF ROLLER SET R36	24tpi
014236-202	METRIC ROLLER SET R36	0.75mm	014236-222	UNC/UNF/UNEF ROLLER SET R36	20tpi
014236-203	METRIC ROLLER SET R36	1mm	014236-223	UNC/UNF/UNEF ROLLER SET R36	18tpi
014236-204	METRIC ROLLER SET R36	1.25mm	014236-224	UNC/UNF/UNEF ROLLER SET R36	16tpi
014236-205	METRIC ROLLER SET R36	1.5mm	014236-225	UNC/UNF/UNEF ROLLER SET R36	14tpi
014236-206	METRIC ROLLER SET R36	1.75mm	014236-226	UNC/UNF/UNEF ROLLER SET R36	13tpi
014236-207	METRIC ROLLER SET R36	2mm	014236-227	UNC/UNF/UNEF ROLLER SET R36	12tpi
014236-208	METRIC ROLLER SET R36	2.5mm	014236-228	UNC/UNF/UNEF ROLLER SET R36	11tpi
014236-209	METRIC ROLLER SET R36	3mm	014236-229	UNC/UNF/UNEF ROLLER SET R36	10tpi
014236-210	METRIC ROLLER SET R36	3.5mm	014236-230	UNC/UNF/UNEF ROLLER SET R36	9tpi
014236-211	METRIC ROLLER SET R36	4mm	014236-231	UNC/UNF/UNEF ROLLER SET R36	8tpi
014236-201.1	METRIC ROLLER SET R36	0.5mm LH	014236-232	UNC/UNF/UNEF ROLLER SET R36	7tpi
014236-202.1	METRIC ROLLER SET R36	0.75mm LH	014236-241	BSW/BSF/BSPP/BS ROLLER SET R36	14tpi
014236-203.1	METRIC ROLLER SET R36	1mm LH	014236-242	BSW/BSF/BSPP/BS ROLLER SET R36	12tpi
014236-204.1	METRIC ROLLER SET R36	1.25mm LH	014236-243	BSW/BSF/BSPP/BS ROLLER SET R36	11tpi
014236-205.1	METRIC ROLLER SET R36	1.5mm LH	014236-244	BSW/BSF/BSPP/BS ROLLER SET R36	10tpi
014236-206.1	METRIC ROLLER SET R36	1.75mm LH	014236-245	BSW/BSF/BSPP/BS ROLLER SET R36	9tpi
014236-207.1	METRIC ROLLER SET R36	2mm LH	014236-246	BSW/BSF/BSPP/BS ROLLER SET R36	8tpi
014236-208.1	METRIC ROLLER SET R36	2.5mm LH	014236-247	BSW/BSF/BSPP/BS ROLLER SET R36	7tpi
014236-209.1	METRIC ROLLER SET R36	3mm LH	014236-248	BSW/BSF/BSPP/BS ROLLER SET R36	6tpi
014236-210.1	METRIC ROLLER SET R36	3.5mm LH	014236-249	BSW/BSF/BSPP/BS ROLLER SET R36	5tpi
014236-211.1	METRIC ROLLER SET R36	4mm LH			

M10 - M60 THREAD REFORMER MAIN ASSEMBLY

01426000

- » Pitch: 0.5mm - 3.0mm.
- » Max. Radius of Action: 162mm while working with $\varnothing$ 10mm.



01426000 - COMPATIBLE ROLLER SETS

Part no.	Description	Size	Part no.	Description	Size
014311-101	METRIC ROLLER SET R60/R110	0.5mm	014311-121	UNC/UNF/UNEF SET R60/R110	28tpi
014311-102	METRIC ROLLER SET R60/R110	0.8mm	014311-122	UNC/UNF/UNEF SET R60/R110	24tpi
014311-103	METRIC ROLLER SET R60/R110	1mm	014311-123	UNC/UNF/UNEF SET R60/R110	20tpi
014311-104	METRIC ROLLER SET R60/R110	1.25mm	014311-124	UNC/UNF/UNEF SET R60/R110	18tpi
014311-105	METRIC ROLLER SET R60/R110	1.5mm	014311-125	UNC/UNF/UNEF SET R60/R110	16tpi
014311-106	METRIC ROLLER SET R60/R110	1.75mm	014311-126	UNC/UNF/UNEF SET R60/R110	14tpi
014311-107	METRIC ROLLER SET R60/R110	2mm	014311-127	UNC/UNF/UNEF SET R60/R110	12tpi
014311-108	METRIC ROLLER SET R60/R110	2.5mm	014311-128	UNC/UNF/UNEF SET R60/R110	11tpi
014311-109	METRIC ROLLER SET R60/R110	3mm	014311-129	UNC/UNF/UNEF SET R60/R110	10tpi
014311-101.1	METRIC ROLLER SET R60/R110	0.5mm LH	014311-130	UNC/UNF/UNEF SET R60/R110	9tpi
014311-102.1	METRIC ROLLER SET R60/R110	0.8mm LH	014311-141	BSW/BSF/BSPP/BS SET R60/R110	19tpi
014311-103.1	METRIC ROLLER SET R60/R110	1mm LH	014311-142	BSW/BSF/BSPP/BS SET R60/R110	18tpi
014311-104.1	METRIC ROLLER SET R60/R110	1.25mm LH	014311-143	BSW/BSF/BSPP/BS SET R60/R110	16tpi
014311-105.1	METRIC ROLLER SET R60/R110	1.5mm LH	014311-144	BSW/BSF/BSPP/BS SET R60/R110	14tpi
014311-106.1	METRIC ROLLER SET R60/R110	1.75mm LH	014311-145	BSW/BSF/BSPP/BS SET R60/R110	12tpi
014311-107.1	METRIC ROLLER SET R60/R110	2mm LH	014311-146	BSW/BSF/BSPP/BS SET R60/R110	11tpi
014311-108.1	METRIC ROLLER SET R60/R110	2.5mm LH	014311-147	BSW/BSF/BSPP/BS SET R60/R110	10tpi
014311-109.1	METRIC ROLLER SET R60/R110	3mm LH	014311-148	BSW/BSF/BSPP/BS SET R60/R110	9tpi

M50 - M110 THREAD REFORMER MAIN ASSEMBLY

01431100

- » Pitch: 0.5mm - 3.0mm.
- » Max. Radius of Action: 184mm while working with $\varnothing$ 50mm.



01431100 - COMPATIBLE ROLLER SETS

Part no.	Description	Size	Part no.	Description	Size
014311-101	METRIC ROLLER SET R60/R110	0.5mm	014311-121	UNC/UNF/UNEF SET R60/R110	28tpi
014311-102	METRIC ROLLER SET R60/R110	0.8mm	014311-122	UNC/UNF/UNEF SET R60/R110	24tpi
014311-103	METRIC ROLLER SET R60/R110	1mm	014311-123	UNC/UNF/UNEF SET R60/R110	20tpi
014311-104	METRIC ROLLER SET R60/R110	1.25mm	014311-124	UNC/UNF/UNEF SET R60/R110	18tpi
014311-105	METRIC ROLLER SET R60/R110	1.5mm	014311-125	UNC/UNF/UNEF SET R60/R110	16tpi
014311-106	METRIC ROLLER SET R60/R110	1.75mm	014311-126	UNC/UNF/UNEF SET R60/R110	14tpi
014311-107	METRIC ROLLER SET R60/R110	2mm	014311-127	UNC/UNF/UNEF SET R60/R110	12tpi
014311-108	METRIC ROLLER SET R60/R110	2.5mm	014311-128	UNC/UNF/UNEF SET R60/R110	11tpi
014311-109	METRIC ROLLER SET R60/R110	3mm	014311-129	UNC/UNF/UNEF SET R60/R110	10tpi
014311-101.1	METRIC ROLLER SET R60/R110	0.5mm LH	014311-130	UNC/UNF/UNEF SET R60/R110	9tpi
014311-102.1	METRIC ROLLER SET R60/R110	0.8mm LH	014311-141	BSW/BSF/BSPP/BS SET R60/R110	19tpi
014311-103.1	METRIC ROLLER SET R60/R110	1mm LH	014311-142	BSW/BSF/BSPP/BS SET R60/R110	18tpi
014311-104.1	METRIC ROLLER SET R60/R110	1.25mm LH	014311-143	BSW/BSF/BSPP/BS SET R60/R110	16tpi
014311-105.1	METRIC ROLLER SET R60/R110	1.5mm LH	014311-144	BSW/BSF/BSPP/BS SET R60/R110	14tpi
014311-106.1	METRIC ROLLER SET R60/R110	1.75mm LH	014311-145	BSW/BSF/BSPP/BS SET R60/R110	12tpi
014311-107.1	METRIC ROLLER SET R60/R110	2mm LH	014311-146	BSW/BSF/BSPP/BS SET R60/R110	11tpi
014311-108.1	METRIC ROLLER SET R60/R110	2.5mm LH	014311-147	BSW/BSF/BSPP/BS SET R60/R110	10tpi
014311-109.1	METRIC ROLLER SET R60/R110	3mm LH	014311-148	BSW/BSF/BSPP/BS SET R60/R110	9tpi





UNBREAKABLE VICE - FIXED BASE

- » High quality, heavy duty construction provides years of trouble free use.
- » CNC machined components for excellent fit and durability.
- » Hardened and tempered finely ground jaws for superior grip.
- » Scratch resistant hammered blue finish.
- » Replacement parts available including jaws and handle.
- » Guaranteed unbreakable - *excluding jaws and handle.

Part no.	Size (Inch)	Jaw Width (mm)	Jaw Opening (mm)	Throat Depth (mm)
53320400	4"	102	132	74
53320600	6"	153	206	95
53320800	8"	203	225	105

GUARANTEED UNBREAKABLE*

*EXCLUDING JAWS AND HANDLE

 53320400



SWIVEL BASE FOR MECHANICS VICE

- » Allows 360° rotation of Mechanics Vice for better access.
- » Lockable to most convenient angle.

Part no.	Compatible Vice
533204-B	53320400
533206-B	53320600
533208-B	53320800



REPLACEMENT JAWS FOR MECHANICS VICE

- » Replacement jaws for Mechanics Vices as supplied.

Part no.	Compatible Vice
533204-01	53320400
533206-01	53320600
533208-01	53320800



OPTIONAL SOFT JAWS FOR MECHANICS VICE

- » Optional Soft Jaws for Mechanics Vices for added protection of delicate workpieces.

Part no.	Compatible Vice
533204-02	53320400
533206-02	53320600
533208-02	53320800



MAGNETIC VICE JAWS

- » Universal jaws for use with any vice with the corresponding jaw size.
- » Equipped with an extremely powerful magnetic strip which easily attaches the jaw to the vice and ensures a rapid setup.
- » The magnetic strip is only magnetic against the vice jaws and will not attract debris or fillings to the clamping surface nor magnetize the clamped parts.
- » Features an extremely powerful neodymium magnetic strip. For example the holding force for a 100mm jaw is 3.5kg equivalent to 34N.
- » These Magnetic Jaws can also be used in combination with one another. For instance, for taper pins or thin walled tubes use the Neutral or Prism / Vee Pipe together with the Rubber option. For irregularly profiled parts with one flat surface use the Fibre covered on the flat surface and the rubber covered on the profiled side.



POLYURETHANE CROSS SERRATED

- » Polyurethane with small cross serrations for a firm grip with a shore hardness of A82. "Bites onto" the work piece without damaging or scratching it and is so flexible, that it returns to its original shape after deformation.

Part no.	Size	Compatible Vice
53341000	100mm	53320400
53341500	150mm	53320600



POLYURETHANE GROOVED

- » Polyurethane with grooves with a shore hardness of A82. "Bites onto" the work piece without damaging or scratching it and is so flexible, that it returns to its original shape after deformation.

Part no.	Size	Compatible Vice
53351000	100mm	53320400
53351500	150mm	53320600



NEUTRAL

- » Hardened aluminium alloy 6063, T66F25 with magnesium and silicon as alloying elements. Offers superior corrosion resistance along with excellent surface finish making the alloy the ideal material for securing your item firmly in the vice while still protecting the surfaces of your delicate objects.

Part no.	Size	Compatible Vice
53301000	100mm	53320400
53301500	150mm	53320600
53301800	200mm	53320800



PRISM/VEE PIPE

- » Designed for multipurpose application, offering efficient clamping and protection of the workpiece at the same time. Designed for; horizontal clamping of flat objects, horizontal clamping of round objects and vertical clamping of round objects.
- » For thread cutting it is recommended only to use one prism jaw to avoid destroying the jaw. The vee-groove will align the workpiece and the serrations of the opposite vice jaw will keep it from turning.

Part no.	Size	Compatible Vice
53331000	100mm	53320400
53331500	150mm	53320600
53331800	200mm	53320800



FIBRE COVERED

- » Hardened aluminium jaws with fibre cover for high finish machined workpieces.

Part no.	Size	Compatible Vice
53321000	100mm	53320400
53321500	150mm	53320600
53321800	200mm	53320800



RUBBER COVERED

- » For assembly and for irregularly shaped parts, thin walled tubes and delicate items etc.

Part no.	Size	Compatible Vice
53311000	100mm	53320400
53311500	150mm	53320600
53318000	200mm	53320800

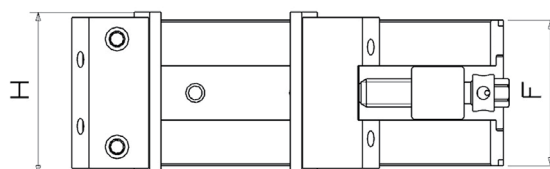
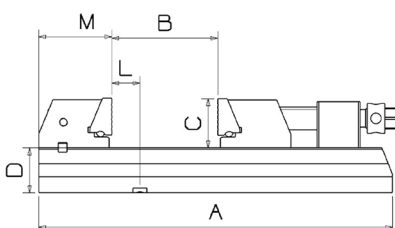


MACHINE VICES

- » High precision, unguided vice for a better clamping of irregular pieces.
- » Hardened steel HRc 60.
- » Vices designed for all machining works including milling, drilling and grinding.
- » Jaws with descending effect that always move parallel.
- » Hexagonal spindle and hole for handle.
- » 2 sets of clamps included.



Part no.	A	B	C	D	F	H	L	M
53371000	452	250	56	51	135	150	32.2	83
53372000	402	200	56	51	135	150	32.2	83
53373000	470	250	66	61	160	200	52.2	92.5
53374000	520	300	66	61	160	200	52.2	92.5



BRAKE BLEEDING

AUTOMATIC BRAKE PRO BLEEDERS

- » Professional brake bleeder available in 2 configurations and 2 possible power supply modes, fully electronically managed and designed with one goal : reliability and robustness.
- » LCD color screen and user-friendly 4 button touch panel.
- » Bleeding with adjustment from vacuum 0,5 bar to pressure 4,5 bar (7 to 65 psi).
- » Automatic levelling of the master cylinder's reservoir.
- » Automatic stop when the new DOT drum/can is empty.
- » Many safety functions such as automatic stop when the bleeder detects an abnormal pressure.
- » Works for brake and clutch bleeding.
- » Interchangeable drum/can and flushing mode for different DOT use.
- » Flexible length: 5 m.
- » Includes EU standard master cylinder cap adaptor (34301400-P).
- » Includes retrieving bottle for old fluid with nipple adaptor and chain.
- » Powered from the 12v battery, or an accessory power adaptor can be used.



34313000



34313500

Part no.	Description
34313000	Automatic Brake Pro Bleeder - Portable 20L
34313500	Automatic Brake Pro Bleeder - Portable 60L with Trolley

12V AUTOMATIC BRAKE BLEEDER- 3.5 BAR

343001V2

- » Allows one man operation for brake and clutch bleeding.
- » Compatible with ABS systems.
- » 12v powering with reverse polarity warning.
- » Stainless steel body.
- » Includes pump with automatic shut off valve.
- » 5L reservoir with visible (min) level indication.
- » Auto power OFF when min level reached.
- » Large reservoir opening for easy cleaning.
- » Includes 34301400-P Plastic SP Euro cap - angled screw type for popular vehicle connection.
- » Power cable for brake fluid with quick coupling system (Length: 4m).
- » Regulator: 0-3.5 bar. » 4 x Wheels (2 x Front Swivel).



240V ELECTRIC BRAKE BLEEDER - 4 BAR

34400500

- » Allows one man operation for brake and clutch bleeding.
- » Compatible with ABS systems.
- » Rugged impact resistant moulded housing.
- » Long supply hose (3.2 metres) allows for use with vehicle raised on a ramp.
- » Adjustable pressure output from 0 - 4 bar to suit vehicle.
- » Large internal storage area for brake fluid containers up to 10 litres.
- » Includes 34301400-P Plastic SP Euro cap - angled screw type for popular vehicle connection.
- » Additional range of caps available.
- » Maximum Pressure: 4 bar



MANUAL PRESSURE BRAKE BLEEDER

34201000

- » Compact solution - for easy one man operation.
- » Portable unit - no power or air supply required.
- » Combination of Mityvac pressure bleeder & SP aluminium pressure bleed cap.
- » OE recommended pressure brake bleeding solution.
- » Controllable output via hand pump and pressure gauge.



MITYVAC FLUID DISPENSING SYSTEM

MV6400

- » Designed for topping off fluid reservoirs including master cylinders, gearboxes transmissions, power steering reservoirs, etc
- » Large (5 litre) fluid capacity and 5 feet long hose with dispensing wand and flow control valve make it ideal for accessing hard to reach reservoirs and fill plugs
- » For transmission refill and pressure bleeding applications, the MV6400 is compatible with Mityvac ATF and pressure bleed adaptors
- » Fluid is dispensed under pressure for smooth continual flow
- » Integrated manual pump adds air above the fluid level to prevent aeration
- » Internal pump components are sealed against exposure to fluids
- » ON/OFF and flow control valve are conveniently located near fluid output
- » N.B. Not for use with flammable liquids such as petrol / diesel etc or with any other fluids at temperatures above 80°C



FORTRON EQUIPMENT

DUAL TANK INJECTOR MAX MACHINE

ECOMAX-DUAL

- » A six in 1 cleaning system that removes problematic deposits from combustion chambers, injectors, throttle body, inlet valves, EGR, manifolds and DPF. Effective cleaning for petrol and diesel engines, eliminating the need for injector removal. The Injector Max system cleans and restores original fuel flow, allowing maximum fuel efficiency.

Features:

- » Dual Tank – Avoids cross contamination of fluids.
- » Robust and reliable workshop quality machine
- » Air operated and simple to use
- » Universal fitting kit
- » Suitable for petrol and diesel engines
- » Fluids premixed and ready to use

After Service Benefits:

- » Cleans DPF and Catalytic filters on vehicles
- » Reduces exhaust emissions
- » Restores fuel economy and engine performance
- » Removes carbon deposits
- » Cleans injectors

Fluids:

- » INJDRTG - Injector Max Diesel RTG
- » INJPRTG - Injector Max Petrol RTG
- » FREGEN - Injector Max DPF Regen
- » FDPFREST - DPF Restore

- » For more information on related fluid see pages 182-183.



COOLANT FLUSH MACHINE



- » Without disconnecting hoses, coolant is easily changed by inserting a conical adapter into reservoir tank. The coolant exchange job can be done by deep vacuum within 5 minutes.
- » This vacuum exchange process can avoid air pockets to save air purge time after coolant exchange.
- » The oil receiving pan is optional, for some vehicles that do not have straight-in reservoir tank design (cannot utilize conical adapter to do coolant exchange through reservoir tank), thus coolant exchange by gravity can be effected.
- » Keep your garage floor clean, avoid ground pollution caused by coolant dripping during hose disconnection, which can be caused by other coolant exchange methods.

Features:

- » Dual-manual valve design, easy operation
- » Directly connect shop air, zero failure
- » Whole work process visible through fiber glass tanks
- » Support off/on-vehicle exchange
- » Large coverage adaptors (covering more than 90% vehicles on the market)

Specifications:

- » New and used fluid capacity: 15L
- » Pressure gauge: -1-5 bar
- » Max. work pressure: 3 bar
- » Length of return/out hose: 3m
- » Coolant hoses: 25mm, 32mm, 38mm, 42mm, 45mm, 60mm; 67mm



DIGITAL AUTOMATIC TRANSMISSION FLUSH MACHINE



- » Fortron New Generation 4 Automatic Transmission Fluid Exchange Machine offers exceptional cleaning and fluid replacement in under 20 minutes on all modern transmission systems. The machine is capable of servicing Standard ATF, DCT / DSG and CVT Transmissions.

Features:

- » 15-20 minutes per service
- » 100% of ATF replaced during service operation
- » Fully automatic, user friendly, safe and reliable operation
- » Improves workshop efficiency
- » Accommodates large capacity ATF exchanges including buses/trucks
- » Accommodates any type of ATF oil on market
- » Ability to pre heat the oil
- » Allows oil exchanging

Fluids:

- » FATFKIT - Automatic Transmission Flush Kit. For more information on related fluids see page 182.



OZONE 3 GENERATOR



- » An anti bacterial process that cleans your vehicle's interior, killing germs, odours and allergy inducing spores that build up on surfaces and circulate through the air conditioning system. Fortron's Ozone 3 Generator uses an organic process to eliminate bacteria. Portable and easy to use, the Ozone technology is based on a natural filtration process that combines electricity and air to produce enriched oxygen.

Features:

- » Produces no pollutants, cleaning product odours or waste

Benefits:

- » An organic, environmentally safe process
- » Can be used anywhere germs and contaminants need to be eliminated



80L PNEUMATIC OIL EXTRACTOR

53380000

- » Pneumatic Oil Extractor for fast recovery of engine oil from any vehicle.
- » Extraction takes place from the engine sump with oil at 66° C.
- » Includes six probes for extraction.
- » Visual indicator of oil for ease of use.
- » Includes pressure safety valve set at 7.2 psi.

Features:

- » Carbon steel reservoir.
- » Epoxy coated finish.
- » Pneumatic emptying.
- » Drain plug for cleaning and internal inspection.
- » Drain bowl with drain filter grid.
- » Four adaptors for models with integrated suction tubes for Mercedes, BMW & Volkswagen, PSA.



Technical Specifications

Width	540mm
Depth	620mm
Height	1250mm
Bowl Height	580mm

80L PNEUMATIC OIL EXTRACTOR WITH 10L PLASTIC VIEWER

53380500

- » Pneumatic Oil Extractor for fast recovery of engine oil from any vehicle.
- » 10L plastic viewer.
- » Extraction takes place from the engine sump with oil at 66° C.
- » Includes six probes for extraction.
- » Visual indicator of oil for ease of use.
- » Includes pressure safety valve set at 7.2 psi.

Features:

- » Carbon steel reservoir.
- » Epoxy coated finish.
- » Pneumatic emptying.
- » Metal drain bowl with drain filter grid.

Stop Ring (B) stops the pipe traveling too far into the tank and Holder (A) locks the bowl in position - stopping the bowl from falling onto the viewer.

Technical Specifications

Width	540mm
Depth	620mm
Height	1350mm
Bowl Height	580mm



120L PNEUMATIC OIL EXTRACTOR WITH UNDER-VEHICLE TRAY

53380400

- » Pneumatic Oil Extractor for fast recovery of engine oil from any vehicle.
- » Simple to use, the equipment is provided with a pressure relief valve set at 4 bar.
- » Manufactured in compliance with EC rules.
- » Carbon Steel Reservoir.
- » Epoxy Coated Finish.
- » Pneumatic Extraction .
- » Drain plug for cleaning and internal inspection.
- » Metal drip tray with drain filter grid.
- » 51L tray.
- » 1/4" Air Inlet Connection.
- » 200l/min Air Consumption.
- » <80 (dB) Noise Level.
- » 83k g Weight
- » 4 Bar Reservoir Operating Pressure.



Technical Specifications

Width	660mm
Depth	780mm
Height	1520mm
Extended Depth	2920mm



WORKSHOP PRESSES

'SILVER SERIES' HYDRAULIC WORKSHOP PRESSES

AVAILABLE IN 4 RATINGS: 15T, 20T, 30T & 50T

Part no.	Rating	Height (mm)	Width (mm)	Depth (mm)	Bed Depth (mm)	Range	Weight (kg)
53436010	15T	1930	920	650	170	85 - 950	150
53436210	20T	2030	940	650	180	65 - 1030	165
53436410	30T	2060	1120	650	200	115 - 1020	230
53436510	50T	2290	1220	650	210	70 - 1065	370

Range of Hydraulic Workshop Presses equipped with a two-speed manual pump, overload safety valve, automatic arm return system & V blocks.

- » Heavy duty steel frame.
- » Fully adjustable horizontal ram movement.
- » Automatic arm return.
- » Piston over-travel limit stop.
- » Manufactured in the EU.
- » Overload safety valve.
- » Two speed pump.
- » V blocks.
- » Easy to read Pressure gauge.
- » Winch for table*.

Optional Pedal Kit 534362-16 also available for 53436010, 53436210 & 53436410

*For models 53436410 & 53436510



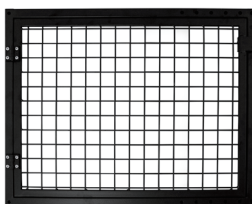
UNIVERSAL PRESS GUARD V3

534551V3

- » Designed for use on all brands of hydraulic press

Suitable for the following Sykes-Pickavant presses:

- » 15T (53436010)
- » 20T (53436210)
- » 30T (53436410)
- » 50T (53436510)



PRESS PLATES

For use with Silver Series Hydraulic Workshop Presses

- » Heavy Duty Plate sits on press bed with hole to push components through.



Part no.	Rating	For use with
53451000	15-20T	53436010/53436210
53451300	30T	53436410
53451400	50T	53436510

UNIVERSAL PRESS RING

53452200

- » Ideal large void for holding hubs and pressing out wheel bearings.
- » Large diameter sits across the press allowing for large hubs to be placed on the press ring.
- » Useful alternative to V blocks and old bearing casings.
- » Suitable for use on 30 or 50 tonne rated presses.
- » Dimensions: 160mm (h) x 179mm (ø).
- » Weight: 7.8kg.
- » For use with 08770000 Press Block.



PRESS SUPPORT BLOCK

08770000

Universal Press Support Block.

- » Press bearings on a variety of suspension arms.
- » Three point contact for perfect, safe support.
- » Adjustable height anvil bolts.
- » Swivel element for added versatility.
- » Numbered system for recording specific applications.
- » Suitable for use with presses up to 30T.



For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



SCAN ME

ACCESSORIES BOX

53451200

For use with Silver Series Hydraulic Workshop Presses

- » Galvanized accessory box useful for storing press piece sets etc.
- » Includes hanging hook.
- » Suitable for all presses.



UNIVERSAL TRAY

53451600

- » Universal Tray for 15/20/30/50 tons presses.
- » Note: Press Pieces not included.



PRESS PIECE SETS

For use with Silver Series Hydraulic Workshop Presses

Includes:

- » 6x Press Pieces
- » 1x Adaptor
- » Sizes: 5, 10, 14, 18, 24 and 29mm Diameter



PEDAL KIT

For use with Silver Series Hydraulic Workshop Presses

- » Optional Pedal Kit



Part no.	Rating	For use with
53451500	15T	53436010
53452000	20T	53436210
53453000	30T	53436410
53455000	50T	53436510

Part no.	Rating	For use with
534360-16	15T, 20T, 30T	53436010/53436210/53436410
534362-16	50T	53436510

HYDRAULIC WORKBENCH PRESSES

Hydraulic workbench press with movable piston.

- » Double-speed hand pump.
- » Overload safety-valve.
- » Automatic return of the ram.
- » Chromium plated rod.
- » Pressure gauge.
- » V-blocks.

Part no.	Rating
53410000	10T
53420000	15T

53410000



53420000



WORKSHOP PRESSES

HEAVY-DUTY WORKSHOP PRESSES

Range of heavy-duty presses rated from 60 - 100 tonne featuring:

- » Fast and safe adjustment of the press table height.
- » Movable cylinder.
- » Hard chrome piston with 300mm of stroke.



HAND/FOOT OPERATED WORKSHOP PRESS

- » Air assisted dual operation via foot pump or pump handle.
- » Air connection fitted with water separator.
- » Fast and safe adjustment of the press table height, using a braked winch.
- » Wide insertion width. » Two V-blocks.
- » 300mm stroke. » Hard Chrome Piston.
- » Fast air return. » Movable cylinder.
- » Pressure gauge.

Part no.	Rating	Working Area H x W (mm)
53416000	60T	760 x 1005
53417000	70T	760 x 1005
53411000	100T	915 x 1035



HAND/FOOT OPERATED WORKSHOP PRESS

- » 90° hinged pump unit enables easier insertion of longer work-pieces.
- » Multi-adjustable pressure valve.
- » Fast and safe adjustment of the press table height, using a braked winch.
- » Wide insertion width. » Two V-blocks.
- » 300mm stroke. » Hard Chrome Piston.
- » Pressure gauge. » Movable cylinder.

Single Action Cylinder: One-way pressing action for where heavy tooling is not to be mounted on the piston.

Double Action Cylinder: Featuring both pressing and pulling facilities, flange supplied for fitting of tooling.

Part no.	Rating	Working Area H x W (mm)	Acting Cylinder
53426000	60T	760 x 1005	Single
53426600	70T	760 x 1005	Double
53421000	100T	915 x 1035	Double



HEAVY-DUTY WORKSHOP PRESSES GUARDS

Front and Rear Guards for 60-100T Heavy Duty Workshop Press.

Part no.	Rating	
534266-FR	60-70T	Front Press
534266-RR	60-70T	Rear Press
534210-FR	100T	Front Press
534210-RR	100T	Rear Press



BATTERY MAINTENANCE TABLE

- » The Intermediate Hybrid Battery Maintenance Table is part of a new range of battery maintenance tables designed to meet the needs of removing electric batteries from vehicles in a safe and secure manner.
- » Batteries are usually heavy and irregular in design but generally have one flat surface which makes them easy to secure.
- » Unique hole feature covers a wide range of batteries in all shapes and sizes.
- » Aids safe removal and transportation in the workshop.
- » Provides a stable platform for maintenance and repair activities.
- » Hole design with peg system secures the battery to the table for transportation in the workshop.
- » A range of peg sets are available to customise the table for the batteries size and shape.
- » The hybrid battery table can be mounted onto an existing hydraulic table, otherwise it can be supplied as part of the package.
- » The table can also be used for engine/gearbox removal as well as battery maintenance.

Tables with tilting capabilities:

- » Tilts to allow for bleeding of the battery if required.
- » Four central lifting pads allow for the battery to be removed safely without technicians trapping fingers under the battery. Also allows for a smooth installation of the battery back into the vehicle.
- » Peg system helps hold the battery in place while tilting.
- » The tilting mechanism also allows for space saving storage when the table is not in use.



Part No.	Description	Includes	Locked or Tilting
92971200	Basic Hybrid Battery Maintenance Table	4 x Tall Pins	Locked
92971100	Intermediate Hybrid Battery Maintenance Table	4 x Tall Pins 4 x Rising Plates	Tilting with three locking positions
92971000	Comprehensive Hybrid Battery Maintenance Table	4 x Tall Pins 4 x Rising Plates 4 x sets of pegs in 4 sizes (4 pegs per set)	Tilting with three locking positions

EV BATTERY & TRANSMISSION LIFTING TABLES

- » Aside from lifting electric-car batteries, this product is also perfect for lifting and moving engines, automatic gearboxes, chassis components

Features:

- » Powered by compressed air.
- » Sliding cover, allowing convenient battery installation or removal.
- » High ground clearance makes it compatible with most workshop cranes on the market.
- » Extendable and tiltable top table, by means of a mechanical screw
- » Easy to operate and tilt with self explanatory operations.
- » The table features holes with M10 thread, which can be used to mount all types of supports or accessories, including special hooks, brackets, and protective mats for battery packs.
- » Button operated table lowering
- » Rack safety system, when not being operated, the table locks by means of a mechanical anti-lowering safety wedge.



LIFTING & HANDLING

Part No.	Opening Table	Extendable table	Tilting Table	Shifting Table	Extendable Handle	Fork Housing	Max Capacity	Time to go Up	Time to go Down	Power Supply
GO1000B	(1/3 420mm)	-	(±3°)	-	-	-	1000kg	80s (no load) 100s (full load)	60s (no load) 20s (full load)	6/8 bar
GO1500T	-	200mm	(±3°)	(±30mm)	225mm	OK	1500kg	80 (no load) 150s (full load)	70s (no load) 15s (full load)	6/8 bar
GO1500B	-	200mm	(±3°)	-	-	OK	1500kg	80 (no load) 150s (full load)	70s (no load) 15s (full load)	6/8 bar

EV BATTERY LIFTING HOIST

92975000

- » Max capacity 1.5T.
- » Adjustable between 650mm and 2250mm.
- » Works with standard engine crane.
- » Includes levelling bar.

Kit Contents:

- » 2 x Spreader beam
- » 1 x Leveller
- » 13 x Bow Shackle
- » 6 x 0.5m Nylon Straps
- » 6 x 0.6m Nylon Straps
- » 6 x 0.7m Nylon Straps
- » 6 x M10 Eye Bolt & Nut
- » 6 x M12 Eye Bolt & Nut
- » 6 x M16 Eye Bolt & Nut



SPACER KIT FOR LIFTING TABLES

- » 15 Piece Spacer Kit for use with EV & Transmission Lifting Tables GO1000B / GO1500B / GO1500T.
- » Spacers can be used to raise the battery or transmission off the table to allow access to the underneath for removing bolts etc.
- » Allows you to avoid battery contact with the metal table which prevents arcing and provides easy access for straps to lift the battery off the table.



Part No.	Description	Part No.	Description
GO1501	M10 Thread	GO1504	M8 Thread

ENGINE LIFTING ACCESSORY KIT

GO1503

- » Required to hold battery pack, engine or transmission on the platform, safely.
- » The components fit perfectly to the different types of batteries, taking into consideration the possible specifications of the manufacturer.
- » Slotted holes in the foot allow an easy changing/moving of the platform.
- » The support columns are height-adjustable and have a thread for screwing the rubbers/spacers.
- » Used for platforms with M8 and M10 threaded holes.



TRANSMISSION JACK

- » Pedal Pump.
- » Chrome Plated Extension Rod.
- » "Dead Man" Controls.

Part no.	Max. Height	Max. Weight
38510000	1990mm	500kg
38610000	1990mm	1000kg



10 TONNE AIR HYDRAULIC TROLLEY JACK

53438000

- » Air hydraulic jack. Silent air pump; less than 70 db.
- » Safety lowering control valve for safe lowering even under maximum load.
- » Min. Height 150 mm.
- » Long reach chassis improves access to lifting points deep under vehicles.



DOOR/PARTS LIFTER

34185000

- » This door/parts lift uses the wheel lifter structure combined with a specific support kit.
- » The vertical movement is obtained through a translation mechanism which is realized by a screw lifting through a powerful motor controlled by a push button on the handle which can be operated with one hand.
- » Power supplied by two batteries 12 V - 12 Ah.
- » Handling - The trolley is equipped with 4 swivel wheels with high hardness and capacity, which ensure an excellent manageability.
- » Functionality- The particular shape of the handle ensures the minimum interference during the mounting/dismounting operation of doors.
- » Parts & doors of a max height of 1350 mm can be handled.
- » Adjustable support can handle width in connection with door sizes.
- » Lasting- The power supplied by two 12 V batteries ensures multiple cycles of handling. The state of charge of the battery can be easily monitored thanks to five LED charge indicators.



DOOR/PARTS LIFTER KIT FOR WHEEL LIFTER

34185100

- » A specific parts kit to convert 34196000 Wheel Lifter into a lifter for doors and other vehicle parts.
- » Parts & doors of a max height of 1350 mm can be handled.
- » Adjustable support can handle width in connection with door sizes.



35KG MANUAL WHEEL LIFTER

34195500

- » Operated using battery power or pneumatic screwdriver with 1/2" square socket.
- » Four heavy duty swivel wheels for excellent maneuverability.
- » Low center of gravity and lightweight column for ease of handling and stability against tipping.
- » Special handle shape provides a convenient point of grip and minimum interference during the mounting/dismounting operation of the tyres.
- » Lowering of the base bracket allows for easy wheel loading.
- » Offset position allowing for ease of positioning of the wheel onto the vehicle.

Technical Specifications	
Max. Capacity	35kg
Run	950mm
Max. Wheel Hub Height	1200mm
Packing Height	1450mm
Base Width	840mm
Base Depth	770mm
Max. Screwdriver Speed	2000rpm
Working Temperature	-5°C; +45°C



60KG BATTERY POWERED WHEEL LIFTER

34196000

- » Push button on handle for easy one handed operation.
- » Powered by two 12 V 12 Ah batteries with LED charge indicators.
- » Four swivel wheels for easy movement of the trolley and low center of gravity for stability against tipping.
- » Special handle shape provides a convenient point of grip and minimum interference during the mounting / dismounting operation of the tyres.
- » Offset position allowing for ease of positioning of the wheel onto the vehicle.

Technical Specifications

Max. Capacity	60kg
Run	1100mm
Max. Wheel Hub Height	1400mm
Packing Height	1710mm
Base Width	755mm
Base Depth	730mm
Travel Speed	0.10 - 0.14 m/s
Battery Type	12v - 12Ah



100KG BATTERY POWERED WHEEL LIFTER

34196500

- » Push button on handle for easy one handed operation.
- » Powered by two 12 V 12 Ah batteries with LED charge indicators.
- » Four swivel wheels for easy movement of the trolley and low center of gravity for stability against tipping.
- » Special handle shape provides a convenient point of grip and minimum interference during the mounting / dismounting operation of the tyres.
- » Offset position allowing for ease of positioning of the wheel onto the vehicle.

Technical Specifications

Max. Capacity	100kg
Run	1290mm
Max. Wheel Hub Height	1790mm
Packing Height	1825mm
Base Width	980mm
Base Depth	850mm
Travel Speed	120 m/s
Battery Type	12v - 12Ah



GEARBOX CRADLE

38450000

- » Adjustable cradle for gearboxes up to 500kg.
- » Compatible with 38400000 & 38500000 Transmission Jacks.
- » Twin adjustable screws allow for various gearbox orientations.
- » Four adjustable side plates to fit and support gearboxes.
- » Includes two collars to fit popular transmission jacks.



UNIVERSAL ENGINE & GEARBOX SUPPORT

38360000

- » Universal Engine & Gearbox Support
- » Designed to support the engine or gearbox when the engine mountings have been removed - e.g. When replacing timing / drive belts, water pumps etc
- » Removes the need for using cranes, transmission jacks etc
- » Universal tool designed for all makes of vehicle - No need for costly model specific brackets
- » The unit is suspended from the chassis via the support hooks, the engine / gearbox is supported by the support pad and is counter-balanced against the underside of the vehicle by the support arms
- » Fully adjustable in all dimensions:
- » Extension: Min 630mm / Max 960mm
- » Support Plate Adjustment: 190mm



GEARBOX & AUTOMATIC TRANSMISSION SUPPORT

GO925

- » Suitable for gearboxes, automatic transmissions and DSGs as well as differential gears etc.
- » The front & rear supports and arms, which can be adjusted in distance and tilt angle, provide a secure grip during application and removal
- » The support is applied to the gearbox which can be tilted forwards/backwards and right/left, always ensuring a secure grip
- » Includes adaptor for transmission stand piston rod 30mm

Specifications:

- » Weight: 12 kg
- » Max. load bearing capacity: 150 kg
- » Length/width: 490 mm/460 mm
- » Assembly: 40 mm
- » Forwards/backwards tilt: $\pm 35^\circ$
- » Left/right tilt: $\pm 5^\circ$



ENGINE & GEARBOX SUPPORT - 240KG

GO640

- » The device gives support to the engine when the side engine bracket is removed.
- » Equipped with two sliding hooks to fit to under body of vehicles.
- » After loosening the engine mount, the support safely holds the engine in the compartment, saving time and increasing safety.
- » The device makes it possible to work at the engine control (belt drive) without using engine cranes or transmission lifts, making the engine compartment freely accessible.
- » The supporting base, is adjustable in height and floats up to 8° to line up with the engine/gear surface. Covered with non-slip rubber.

Specifications:

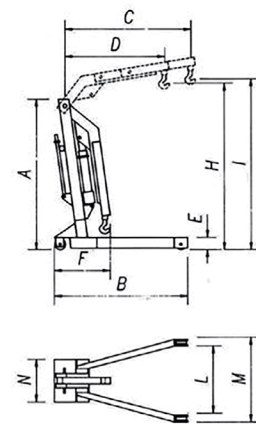
- » Telescopic arm (to 230 mm)
- » Arms rotate 360° ; the device can be closed completely in order to be stored in small spaces.
- » Sliding telescopic arm extension: min. 657/max 887
- » Load capacity 240 kg
- » Side-arms extension: min. 322/max 566.
- » The two supporting feet are adjustable in height to the vehicle frame, with the support components covered with polyurethane



LIFTING & HANDLING

ENGINE CRANES

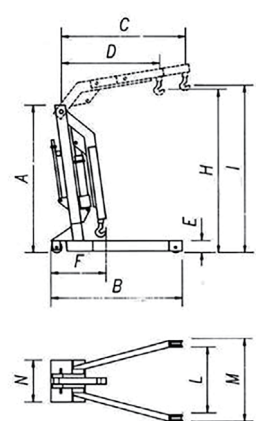
- » Single/Double acting pump.
- » Chrome plated piston.
- » Overload safety valve.
- » Dead man controls.



Part no.	Description	A	B	C	D	E	F-	F+	G	H	L	M	N	kg
38900100	Single Action Pump - 500kg	1620	1280	1300	1000	160	520	730	2200	2400	780	900	640	65
38900200	Single Action Pump - 1000kg	1750	1500	1550	1250	165	620	800	2520	2750	920	7020	750	100
38900300	Double Action Pump - 500kg	1620	1280	1300	1000	160	520	730	2200	2400	780	900	640	65
38900400	Double Action Pump - 1000kg	1750	1500	1550	1250	165	620	800	2520	2750	920	1020	750	100

ENGINE CRANES - FOLDING VERSIONS

- » Single/Double acting pump.
- » Chrome plated piston.
- » Overload safety valve.
- » Dead man controls.



Part no.	Description	A	B	C	D	E	F-	F+	G	H	L	M	N	kg
38901100	Single Action Pump - 500kg	1600	1540	1200	90	140	330	1940	2070	2400	720	885	440	80
38901200	Single Action Pump - 1000kg	1650	1560	1380	1080	165	470	2200	2400	2750	835	1000	550	110
38901300	Double Action Pump - 500kg	1600	1540	1200	900	140	330	1940	2070	2400	720	885	440	80
38901400	Double Action Pump - 1000kg	1650	1560	1380	1080	165	470	2200	2400	2750	835	1000	550	110

GENERAL WORKSHOP EQUIPMENT

INDUSTRIAL HOSE REEL FOR AIR/WATER

- » Industrial Hose Reel; enclosed series for water and air.
- » Polypropylene casing.
- » Adjustable wall mounted design.
- » Safety hose stop.
- » Hose roller guide.
- » Automatically retractable hose.
- » Automatic hose locking device.
- » Suitable for compressed air or cold water up to 20 bar working pressure.

Part no.	Size	Connection
53359500	15m x 8mm	1/4"
53359600	15m x 10mm	3/8"

 53359600



INDUSTRIAL HOSE REEL FOR AIR

- » Industrial Hose Reel; enclosed series for air.
- » ABS plastic casing.
- » Adjustable wall mounted design.
- » Safety hose stop.
- » Hose roller guide.
- » Automatically retractable hose.
- » Automatic hose locking device .
- » Suitable for compressed air up to 20 bar working pressure.

Part no.	Size	Connection
53359700	15m x 10mm	3/8"
53359800	10m x 12mm	1/2"

 **53359700**



HEAVY-DUTY HOSE REEL FOR AIR/WATER

- » Spring driven retractable hose reel c/w wall mounting brackets.
- » Polypropylene case.
- » Suitable for compressed air or cold water up to 17 bar working pressure.
- » Heavy duty rubber air / water hose to ISO EN 2398 standard.

Part no.	Size	Connection
53399000	20m x 10mm	3/8"
53399100	18m x 12mm	1/2"

 **53399000**



HEAVY-DUTY HOSE REEL FOR AIR

- » Compact design.
- » PVC hose.
- » 180 degree pivoting wall bracket.
- » Polypropylene case.
- » Brass swivel assembly.
- » 53399600 - Suitable for compressed air up to 10 bar working pressure.
- » 53399700 - Suitable for compressed air up to 20 bar working pressure.

Part no.	Size	Connection
53399600	9m x 8mm	1/4"
53399700	15m x 10mm	1/4"

 **53399600**



PIT BRIDGE

- » Adjustable width to suit nearly all pit distances
- » Non-slip grating.

Specifications:

- » Adjustable Width - 870 - 1150mm.
- » Loading Capacity - 400kg.
- » Weight - 45kg (less handrails).



GENERAL WORKSHOP EQUIPMENT

RAIL TYPE PIT BRIDGE

» Safety pit bridge suitable for pits with rail guides.

 **51060500** With Handrail

 **51060000** Without Handrail



FLAT TYPE PIT BRIDGE

» Safety pit bridge suitable for pits without track.

 **51050500** With Handrail

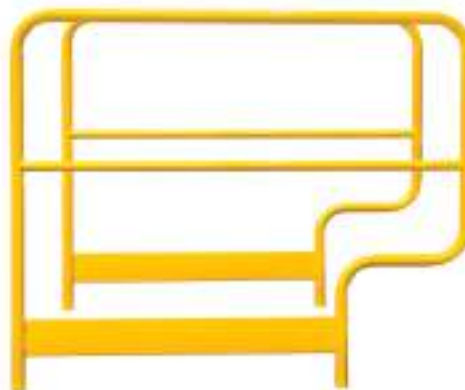
 **51050000** Without Handrail



SET OF HANDRAILS

 **51050100**

» Hand rails to suit both rail type and flat type pit bridges.



2PC

CARBON TEC HHO

 **53400300**

Releases hydrogen into the combustion engines inlet system whilst running to increase internal temperature and burn off carbon build up; promoting efficient operation with a cleaner engine.

- » Portable Machine - enables use in a number of different environments.
- » Low Voltage Operation - works off the vehicles battery at a safe low voltage when the engine is running.
- » Ease of Use - little or no disassembly of the engine required.
- » Low Maintenance.
- » Fixed HHO Supply - protects against engine runaway.
- » Two Year Warranty - full back up service available.



Spare Parts

Part no.	Description
53400400	Replacement Fluid for Carbon Tec HHO

AUTOMOTIVE SMOKE DIAGNOSTIC MACHINE

53400800

- » Generates a thick and highly visible smoke with multiple adaptors to help connect the product to most vehicles.

Specifications:

- » Rated Voltage: DC12V
- » Rated Power: 100W
- » Smoke Output: 20-30L/MIN
- » Working pressure: 1.3 Bar Delivery (0-18PSI)

Includes:

- » Smoke Leak Detector
- » Valve Core
- » Smoke Pipe
- » Power Cord
- » Universal Inflatable Adapter
- » One large, medium and small taper joint
- » 250ml bottle of smoke oil
- » Hook



MOT APPROVED HEADLIGHT BEAM TESTERS

- » Features rotating column with adjustable mirror visor for accurate alignment to vehicle.
- » Luxmeter with graduated analogue scale for accurate light intensity measurement.
- » Easily adjustable vertical sliding mechanism by self lubricating sliders.
- » Features built in MOT beam checking panel.
- » Suitable for all headlight types including Xenon.
- » Base mounted on double rail for ease of use (self install only).

Part no.	Description	Specifications
02688000	MOT Approved Headlight Beam Tester - HGV	5.2 Metre Rail Kit/Column Height: 1.66m
02683000	MOT Approved Headlight Beam Tester - LV	3.7 Metre Rail Kit/Column Height: 1.66m



PRE-INSPECTION HEADLIGHT BEAM TESTER

02695000

- » Features rotating column with adjustable mirror visor for accurate alignment to vehicle.
- » Luxmeter with graduated analogue scale for accurate light intensity measurement.
- » Easily adjustable vertical sliding mechanism by self lubricating sliders.
- » Features built in MOT beam checking panel.
- » Suitable for all headlight types including Xenon.
- » Portable base on 3 wheels (self install only).
- » Column height: 1.66m.







FORTRON

DUAL TANK INJECTOR MAX MACHINE

ECOMAX-DUAL

» A six in 1 cleaning system that removes problematic deposits from combustion chambers, injectors, throttle body, inlet valves, EGR, manifolds and DPF. Effective cleaning for petrol and diesel engines, eliminating the need for injector removal. The Injector Max system cleans and restores original fuel flow, allowing maximum fuel efficiency.

Features:

- » Dual Tank – Avoids cross contamination of fluids.
- » Robust and reliable workshop quality machine
- » Air operated and simple to use
- » Universal fitting kit
- » Suitable for petrol and diesel engines
- » Fluids premixed and ready to use

After Service Benefits:

- » Cleans DPF and Catalytic filters on vehicles
- » Reduces exhaust emissions
- » Restores fuel economy and engine performance
- » Removes carbon deposits
- » Cleans injectors

Fluids:

- » INJDRTG - Injector Max Diesel RTG
- » INJPRTG - Injector Max Petrol RTG
- » FREGEN - Injector Max DPF Regen
- » FDPFREST - DPF Restore
- » FDIEGRC1 - Truck Diesel Treatment

For more information on related fluid see pages 182-183.



DECARB NOZZLE

S-TOOL

- » Decarb nozzle for use with Ecomax Dual Machine when undertaking air induction cleaning. Works for petrol and diesel.



COOLANT FLUSH MACHINE

FCE

- » Without disconnecting hoses, coolant is easily changed by inserting a conical adapter into reservoir tank. The coolant exchange job can be done by deep vacuum within 5 minutes.
- » This vacuum exchange process can avoid air pockets to save air purge time after coolant exchange.
- » The oil receiving pan is optional, for some vehicles that do not have straight-in reservoir tank design (cannot utilize conical adapter to do coolant exchange through reservoir tank), thus coolant exchange by gravity can be effected.
- » Keep your garage floor clean, avoid ground pollution caused by coolant dripping during hose disconnection which can be caused by other coolant exchange methods.

Features:

- » Dual-manual valve design, easy operation
- » Directly connect shop air, zero failure
- » Whole work process visible through fiber glass tanks
- » Support off/on-vehicle exchange
- » Large coverage adaptors (covering more than 90% vehicles on the market)

Specifications:

- » New and used fluid capacity: 15L
- » Pressure gauge: -1-5 bar
- » Max. work pressure: 3 bar
- » Length of return/out hose: 3m
- » Coolant hoses: 25mm, 32mm, 38mm, 42mm, 45mm, 60mm; 67mm



OZONE 3 GENERATOR

SP OZONE3SS

- » An anti bacterial process that cleans your vehicle's interior, killing germs, odours and allergy inducing spores that build up on surfaces and circulate through the air conditioning system. Fortron's Ozone 3 Generator uses an organic process to eliminate bacteria. Portable and easy to use, the Ozone technology is based on a natural filtration process that combines electricity and air to produce enriched oxygen.

Benefits:

- » An organic, environmentally safe process that produces no pollutants, cleaning product odours or waste.
- » Can be used anywhere germs and contaminants need to be eliminated



DIGITAL AUTOMATIC TRANSMISSION FLUSH MACHINE

SP FDATEM (GEN 4)

- » Fortron New Generation 4 Automatic Transmission Fluid Exchange Machine offers exceptional cleaning and fluid replacement in under 20 minutes on all modern transmission systems. The machine is capable of servicing Standard ATF, DCT / DSG and CVT Transmissions.
- » This machine includes an adaptor kit, for full applications see the website.

Features:

- » 15-20 minutes per service
- » 100% of ATF replaced during service operation
- » Fully automatic, user friendly, safe and reliable operation
- » Accommodates large capacity ATF exchanges including buses/trucks
- » Improves workshop efficiency
- » Accommodates any type of ATF oil on market
- » Ability to pre heat the oil
- » Allows oil exchanging

Fluids:

- » FATFKIT - Automatic Transmission Flush Kit. For more information on related fluids see page 182.



OPTIONAL ADAPTOR KITS

SP FDATEM_KIT1



SP FDATEM_KIT2



SP FDATEM_KIT3



- » For a full application list, visit the website.

EQUIPMENT FLUIDS

AUTOMATIC TRANSMISSION FLUSH KIT

FATFKIT

Features:

- » Great 'value add' service opportunity for Workshop Service Centres.

After Service Benefits:

- » Smoother and quieter operation.
- » Safely removes varnish, sludge and oxidized fluids.
- » Optimise transmission efficiency.
- » Prolong transmission life.



VEHICLE & TRUCK DIESEL EGR & INTAKE TREATMENT

FDIEGRC1

- » Fortron Induction Cleaner is a safe, water based, non toxic, non corrosive and non flammable fluid which is sprayed into the vehicle's intake system whilst running the engine.
- » Modern diesel engines produce oil based contamination which deposit carbon in the induction/intake systems of the engine. Vehicles fitted with EGR are particularly affected.
- » No disassembly required.
- » The active ingredients lock-on to the soot deposits.
- » Safe for DPF's.



DPF RESTORE

FDPFREST

- » DPF Restore is a soap-based treatment designed to breakdown soot and ash particles restoring flow to a particulate filter. Recommended for use when a DPF has become completely blocked and is unable to trigger its own active regeneration.

Features:

- » Restores flow to completely blocked DPF
- » Improves fuel economy
- » Reduces soot and exhaust gas emissions
- » Maintains higher engine performance

Benefits:

- » No DPF removal necessary
- » Lower maintenance cost
- » Time and labour savings



INJECTOR MAX PETROL RTG

INJPRTG

- » A simple and effective method of cleaning petrol fuel systems without the removal of injectors from the vehicle. Variations in fuel quality, driving conditions and regular maintenance and servicing all affect fuel economy and engine performance.

Features:

- » Cleans fuel injectors, combustion chambers and throttle body systems.
 - » Reduces exhaust emissions.
 - » Removes gums, varnish and resin from engine intake system.
 - » Improves fuel economy and engine performance.
 - » Smoother and more responsive acceleration.
 - » Up to 10% reduction in CO2 emissions
- * only for use with Fortron Injector Max machine.



INJECTOR MAX DIESEL RTG



- » A simple and effective method of cleaning diesel fuel systems without the removal of injectors from the vehicle. Variations in fuel quality, driving conditions and regular maintenance and servicing all affect fuel economy and engine performance.

Features:

- » Cleans fuel injectors, combustion chambers and throttle body systems.
- » Improves fuel economy and engine performance.
- » Reduces exhaust emissions.
- » Smoother and more responsive acceleration.
- » Removes gums, varnish and resin from engine intake system.
- » Up to 10% reduction in CO2 emissions
- * only for use with Fortron Injector Max machine.



INJECTOR MAX DPF REGEN



- » Fortron's latest innovation in DPF cleaning is simple and rapid, eliminating the need to remove or replace filters. DPF's have a limited capacity to store particulates, if they become clogged or faulty users may incur huge costs for replacement. Regen has been formulated to kick-start the DPF, clearing soot deposits and cleaning without disassembly.

Benefits to the End User

- » Better fuel economy
- » Suitable for all types of diesel including bio-diesel
- » Helps maintain engine performance
- » Reduces soot and exhaust gas emissions

Benefits to Garages

- » Cleaning without disassembly of the particulate filter (decreased downtime)
- » Increased profit
- » Better customer satisfaction



ANCILLARY

SPRAY GREASE (CLEAR)



- » Fortron Multi-purpose is a clear spray that can be used in a wide variety of applications including door hinges/striker plates, chains and anti-squeal and anti-seize applications.



SPRAY GREASE (WHITE)



- » Fortron White sprays on evenly as a liquid, and sets up dry for a thick coating, without splatter, melt, run, wash off or freezing.



WD ULTRA LUBE



- » Enriched with Lanolin, Fortron WD Ultra Lube offers a unique, balanced formulation with exceptional lubrication, penetration and corrosion protection.
- » Suitable for a multitude of applications where water displacement, lubrication and corrosion protection is required.

Benefits:

- » Rusted or frozen nuts and bolts are easily loosened
- » Dries ignition leads
- » Prevents squeaks and wear
- » Protects from rust
- » Eliminates paint implications
- » Long lasting formula



SILICONE LUBE



- » With a blend of silicones, Fortron Silicone Lube provides superior lubrication and a strong, long lasting film. Lower molecular weight silicones provide ease of application, better penetration, easier shine, good anti static and thinner films, whilst the incorporation of higher molecular weight silicones provides resilience and tenacity resulting in an extended service life and release properties for mouldings.

Benefits:

- » Lubricates/Penetrates
- » Waterproofs & seals
- » Anti-static and anti-corrosion
- » Eliminates squeaks generated between like or dissimilar material, e.g. glass, plastic rubber



ANTIBACTERIAL EVAPORATOR CLEANER



- » The evaporator within any A/C system can provide an excellent breeding ground for germs, fungus and micro-organisms, which can be known to cause illness and respiratory problems.
- » Fortron Fresh Zone is a highly effective foaming cleaner designed for complete sanitisation within any type of A/C system. This fast acting formula produces a long lasting freshness and protects by eliminating toxic bacteria.
- » Simple application takes less than 2 minutes. Feed tube through air conditioning vents to reach into evaporator core. It's foaming formulation is ideal for cleaning stubborn dirt found deep within the evaporator, destroying harmful bacteria at the point of origin.

Features:

- » Cleans and refreshes
- » Eliminates bacteria & odours
- » Kills germs & reduces allergens
- » Suitable for any type of A/C

Benefits:

- » Quick and easy to use
- » Total A/C deep clean
- » Restores new car smell
- » Long lasting freshness
- » Use in conjunction with FACT / FACTL.



BRAKE & PARTS CLEANER

- » A build up of brake fluid, oil and other contaminants will detract from the efficiency of the brakes very quickly.
- » Fortron Brake & Parts Cleaner is specially formulated for the removal of most contaminants and will also stop disc brake 'squeal'.
- » Fortron Brake & Parts Cleaner can be applied without disassembly of brakes. Can be used for all parts spot cleaning where it is not desirable to wash with water.

Benefits:

- » Will remove brake fluid, oil and other contaminants from:
- » Chains
- » Slides
- » Open gears
- » Hinges
- » Brake parts and equipment
- » Mechanical parts and equipment



Part no.	Description
FBC600	600ml (Aerosol)
FBC5	5 Litres
FBC20	20 Litres

SCREEN WASH



- » A concentrated, smear-free formula that removes traffic film, dirt and insects. Can be diluted according to the season, contains anti-freeze.

Features:

- » Suitable for year round use
- » High quality
- » Lightly perfumed aroma
- » Freezing point down to -15 degrees C



AIR CONDITIONING TREATMENT AEROSOL (APPLE/LEMON)



- » Keep your vehicle's ventilation system hygienic and free from allergens. Fortron's anti-bacterial Air Conditioning Treatment is specially formulated to eliminate bacteria and fungal growth within the air conditioning system.
- » Don't mask bacteria and odours in your vehicle, eliminate them with our air conditioning treatment. Bacteria, mould and fungi which cause unpleasant odours and allergens are eradicated from your vehicle's ventilation system within minutes and replaced with a fresh apple fragrance.
- » Whilst the engine is running, the air conditioning is switched on and the ventilation system is put on recycle. The treatment is then released in the direction of the recirculation vent and enters the recycle vent cleaning the deepest recesses of the system.
- » Recommended for use any time of year to keep your air conditioning sanitised and guaranteed for six months.
- » Can be used in conjunction with Fortron OZONE machine.



PETROL TREATMENTS

ADVANCED PETROL SYSTEM CLEANER



- » Eco Logic Advanced Petrol System Cleaner helps to effectively clean all petrol fuel systems and improves fuel economy and engine performance, as a result exhaust emissions are reduced.

Features:

- » One Simple Application.
- » Will not harm Oxygen Sensors or Catalytic Convertors.
- » Non-Corrosive, Non-Foaming.
- » Proven effectiveness and safe technology.

After Service Benefits:

- » Reduces harmful exhaust emissions.
- » Improves fuel economy.
- » Improves engine performance.
- » Cleans injectors and combustion chamber

Facts:

- » The longer the engine runs on normal quality fuel, i.e. without special treatment, the greater the reduction in Injector efficiency.



DIESEL TREATMENTS

DPF TREATMENT



- » It is widely recognised that certain driving styles, particularly stop/start driving, can affect the ability of a vehicle's Diesel Particulate Filter to regenerate effectively. This can lead to a serious build up of particulate matter and soot in the DPF, eventually causing the engine to operate in limp mode or refuse to run altogether, resulting in a potentially expensive DPF service or even replacement.
- » Fortron Diesel Particulate Treatment (DPF) has been formulated as a fuel tank additive to treat this problem and to act as a preventive maintenance tool. Fortron Diesel Particulate Treatment contains a proven catalytic additive which reduces the size of the soot particles produced during combustion and lowers the temperature at which the soot is burned off during the regeneration process, allowing a more complete and rapid regeneration of the particulate filter, even under less than optimum driving conditions, such as prolonged urban driving cycles.

Features & Benefits:

- » Suitable for all Diesel fuels
- » Aids passive regeneration of the DPF
- » Reduces soot ignition temperature
- » Reduces soot and exhaust gas emissions
- » Contains cetane boosters, antioxidants, lubricants and ash dispersants
- » Extends DPF life
- » Helps maintains engine performance & efficiency
- » No secondary emissions
- » Measurable benefits
- » Euro V compliant



DIESEL TURBO CLEANER



- » A diesel fuel tank treatment, formulated to assist in cleaning and maintaining the cleanliness of the turbine and turbine housing in Diesel Turbo Chargers.
- » When used as a regular treatment, Diesel Turbo Cleaner will remove soot and ash deposits that can build up in the turbine housing and on the turbine itself. Continued, regular use can prevent further deposition, preventing potential wear and allowing the turbo to operate more efficiently.

Features & Benefits:

- » Suitable for all Diesel fuels
- » Aids passive regeneration of the DPF
- » Reduces soot ignition temperature
- » Reduces soot and exhaust gas emissions
- » Contains cetane boosters, antioxidants, lubricants and ash dispersants
- » Extends DPF life
- » Helps maintains engine performance & efficiency
- » No secondary emissions
- » Measurable benefits
- » Euro V compliant



For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



SCAN ME

ADVANCED DIESEL SYSTEM CLEANER



» Eco Logic Diesel System Cleaner helps to effectively clean all diesel fuel systems and improves fuel economy and engine performance which reduces harmful exhaust emissions.

Features:

- » Simple application - one serve treats up to 55 litres
- » Suitable for all grades of diesel - including biofuels
- » Contains powerful cleaning agents and lubricants
- » Non-corrosive and non-foaming
- » Reduced fuel consumption

After Service Benefits:

- » Reduces harmful exhaust emissions.
- » Improves fuel economy.
- » Improves engine performance.
- » Cleans injectors and combustion chamber.

Facts:

- » Black exhaust smoke from diesels can indicate weeping or dirty injectors.



PETROL & DIESEL TREATMENTS

TOTAL FUEL SYSTEM TREATMENT

» An advanced formulation for petrol and diesel engines which eliminates water from vehicle fuel tanks and destroys bacteria.

Features:

- » Highly concentrated, economical and biodegradable
- » Suitable for both petrol and diesel
- » Compatible with Bio Fuels and Hi Tech Diesels.

After Service Benefits:

- » Improves engine performance and reliability
- » Absorbs and removes water
- » Prevents fungal and microbial growth
- » Helps improve fuel economy.



Part no.	Description
FTFT1	Total Fuel System Treatment - 1 Litre
FTFT5	Total Fuel System Treatment - 5 Litre
FTFT20	Total Fuel System Treatment - 20 Litre

BIOFUEL SYSTEM CLEANER 250ML



Our latest Eco Logic formulation eliminates water from vehicle fuel tanks and prevents bacteria growth. The advanced formulation improves engine performance and reliability as well as reducing harmful emissions.

Features:

- » Highly concentrated, economical and biodegradable.
- » Suitable for both petrol and diesel engines.
- » Compatible with biofuels and hi-tech diesels.
- » Contains no hydrocarbons or corrosive hazardous ingredients.

After Service Benefits:

- » Removes water.
- » Prevents fungal growth.
- » Improves engine performance.



OIL TREATMENTS

OIL FORTIFIER



- » Helps reduce oil burning.
- » Helps maintain oil pressure.
- » Helps boost oil viscosity.



ADVANCED OIL GUARD



- » Eco Logic Advanced Oil Guard provides a balanced treatment that protects and lubricates diesel and petrol engines. After application, vehicles benefit from engine component protection and improved fuel economy.

Features:

- » Fully compatible with all mineral and synthetic engine oils.
- » Conforms to world leading crankcase oil specifications.
- » Boosts performance levels of API and SAE crankcase lubricants.

- » Safe and simple application.

After Service Benefits:

- » Reduces harmful emissions.
- » Protects internal engine components.
- » Ensures optimum lubrication.
- » Improves fuel economy.

Facts:

- » Eco Logic Advanced Oil Guard provides remarkable cold start protection. With up to 75% of engine wear taking place upon start up, Advanced Oil Guard will assist in reducing engine wear and tear.



ADVANCED OIL SYSTEM CLEANER



- » NEW Eco Logic Advanced Oil System Cleaner removes contaminants from internal engine components by cleaning lubricated components and engine compression rings. This can dramatically reduce engine carbon emissions. After treatment, oil flow and engine compression will improve and assist in restoring renewed engine performance.

Features:

- » Fast and easy single application.
- » Proven cleaning and safe lubrication technology.
- » Suitable for petrol and diesel engines.
- » No harsh cleaning solvents.

After Service Benefits:

- » Reduces harmful exhaust emissions.
- » Removal of sludge, dirt and varnish.
- » Prevents contamination of new oil.

Facts:

- » Sludge and residue restrict oil flow. Just changing oil alone will not remove all contaminants.



COOLING SYSTEM FLUSH



- » Fortron Cooling System Flush is a specially formulated flush and cleaning agent to deliver the optimum cooling system cleaning to provide enhanced efficiency for all types of engine radiators.
- » Deposits of sludge, scale and grease in the heating / cooling system slows down the rate of heat transfer and therefore the efficiency of the cooling system.
- » Fortron Cooling System Flush ensures optimum engine cooling and enhances reliability of total system.
- » Fortron Cooling System Flush will remove rust, sludge and scale deposits and restore system to its original performance characteristics.

Summary of Benefits:

- » Helps clean the entire cooling and heating system
- » Helps ensure optimum engine cooling and reliability
- » Is compatible with all types of material within the cooling system
- » Non-acidic, solvent less and biodegradable
- » Will not adversely affect radiator seals or radiator hoses
- » Non-hazardous, non- flammable, non-toxic and non- corrosive



INDUCTION SERVICE KITS

PETROL INDUCTION SERVICE KIT



- » Cleans and lubricates throttle bodies and combustion chamber.
- » Restores car responsiveness and improves idle.

Easy application:

- » Fast way to clean throttle body and air intake systems
- » Dual cleaning action
- » No additional service equipment required

Benefits:

- » Removes gums and varnish from the engine intake system
- » Helps lubricate and protect the throttle
- » Improves fuel consumption



DIESEL INDUCTION SERVICE KIT



- » Developed specifically for the purpose of cleaning contaminants from the engine throttle bodies and air intake systems for diesel engines. During normal use all throttle body systems will develop contamination. Regular cleaning and maintenance will help prevent future problems.

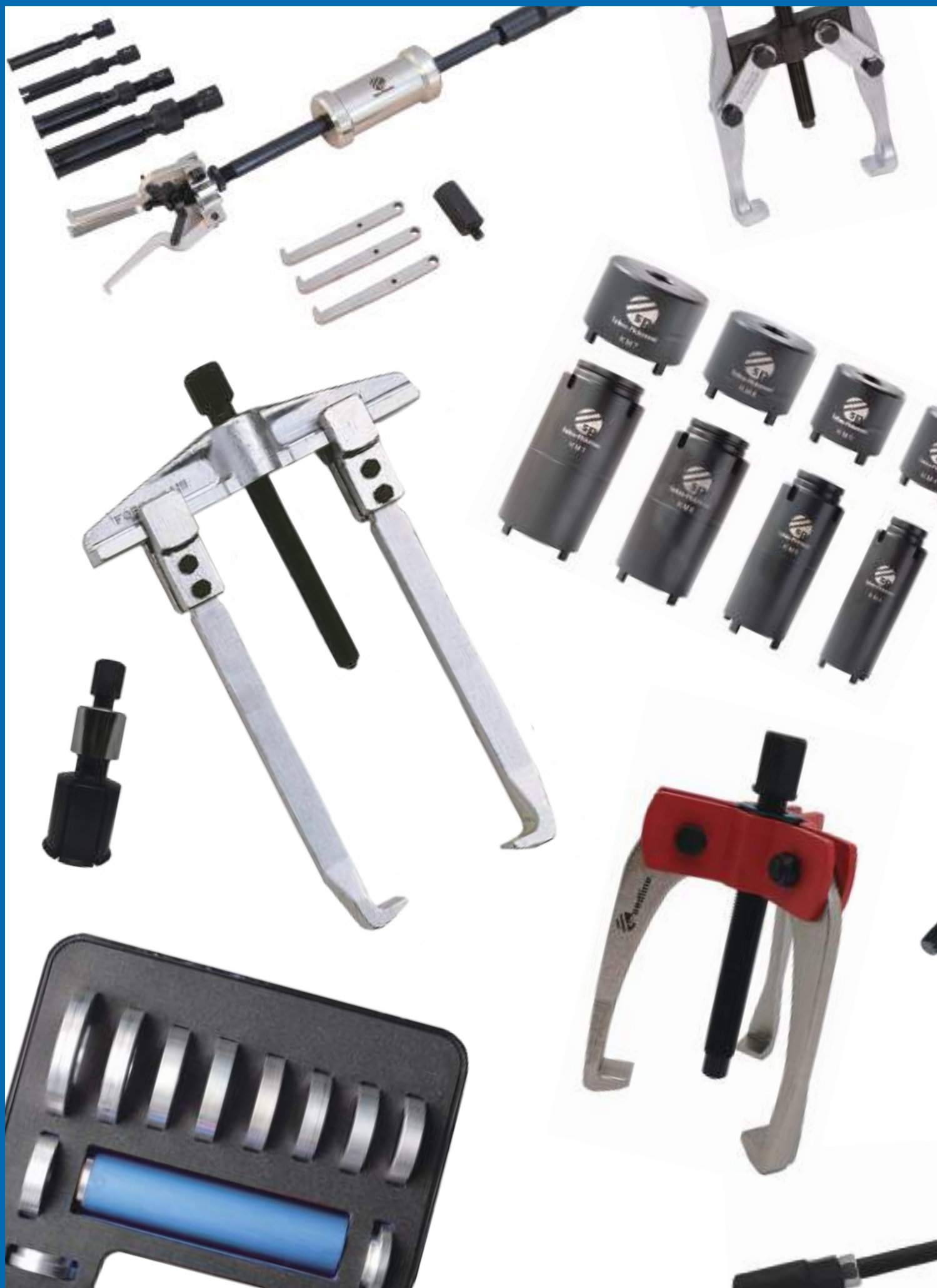
Features:

- » Simple and easy application.
- » Fast and efficient way of cleaning throttle bodies and air intake systems.
- » No additional service equipment required.
- » Dual cleaning action.

Benefits:

- » Removes gums and varnish from the engine intake system.
- » Helps lubricate and protect the throttle body.
- » Smoother and more responsive acceleration.
- » Improves fuel consumption and throttle response.





A collage of various mechanical tools and components, including clamps, rods, and fasteners, arranged in a grid-like fashion. The tools are primarily made of metal and black plastic, with some featuring blue handles. The components include long rods, clamps with curved jaws, and various fasteners like bolts and nuts. The background is white, and the tools are arranged in a way that showcases their different shapes and sizes.

The Sykes-Pickavant Puller Programme



Sykes-Pickavant pullers are world famous for their superior quality, interchangeable components and extensive spares parts programme. They continue to be made in the UK and the EU.

The mechanical section has a new expanded range, including screw operated type pullers, bearing extractors for internal and external use, separators, slide hammers, concentric pullers and self-grip adjustable pullers.

The hydraulic section features an extensive range of pullers with high pressure output ranging from 8 to 100 tonnes. The range includes the renown 1500 series, thin jaw range and the increasingly popular workplace boards.

The Loadstar programme offers a comprehensive range of standard pullers and the heavy duty "plus" range of pulling and extracting options available in 20, 30, 50 & 100 tonne formats.

Contents of each kit are included making it easy to identify where parts are interchangeable and help to keep the ordering of spare parts a simple process.

For full and up to date product information please visit our website
www.sykes-pickavant.com



MECHANICAL PULLERS

EASY SET PULLERS

NEW

- » 2/3 Leg Self-Centering Puller with handle to aid the opening and closing of the legs.
- » Hexagonal headed spindle.
- » Greater extraction capacity due to the design of the jaws.
- » Patented self centering system.

Specifications

Part No.	Description	Puller Spread Min - Max mm	Puller Reach Max mm
13750100	2 Leg Puller	20-95	68
13750200	2 Leg Puller	28-132	102
13750400	2 Leg Puller	30-186	142
13750700	2 Leg Puller	35-260	177
13760100	3 Leg Puller	20-95	68
13760200	3 Leg Puller	28-132	102
13760400	3 Leg Puller	30-186	142
13760700	3 Leg Puller	35-260	177



FAST FIT MICRO PULLER

08215000

- » For rapid removal of small bearings.
- » Covers a wide range of automotive and engineering applications including: alternators, generators, domestic appliances, power tools and pumps.
- » Self-centring force screw with 'T' bar and 13mm hexagon drive.
- » Drop forged legs with independent leaf springs.
- » Securing collar tightens under load for positive, non slip pulling action.
- » Suitable for ISO referenced bearings.
- » 1 tonne capacity.

Specifications

Part No.	Puller Spread Min - Max mm	Puller Reach Max mm
08215000	19 - 45	73

Contents

Spare Parts Part No.	Qty	Description
08210300	1	Forcing Screw
08210400	1	Nose Piece Extension
08210570	3	Leg



4 WAY MINI PULLER

08245000

- » Ideal for windscreen wiper arms.
- » Unique 4 way design allows for 4 different jaw widths to be selected.
- » Reversible and interchangeable legs.
- » Removable centrepiece for wider application coverage.
- » Capacity from 19-36mm.



4 ASSEMBLY OPTIONS

UNIVERSAL WIPE EXTRACTOR WITH ADJUSTABLE FORK

GO1151

- » Extractor for removing the wiper arm from the wiper shaft.
- » Special version with adjustable fork spring.
- » Extraction spindle with aluminium turning head to prevent damage to shaft.
- » Ultra-thin fork design for usage in narrow spaces.
- » Wide radius for work on large wipers.
- » Strong design for use on blocked windscreen wipers.
- » Wide adjustment range covers different sizes.
- » Spring mechanism balances the pressure on half-fork.

Specifications:

- » Screw - M10 x 1.0
- » Connection - SW 17 mm
- » Fork width - 16 x 38 mm
- » Working height - 48 mm
- » Weight - 0.5 kg

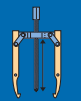


MECHANICAL PULLERS

DOUBLE ENDED REVERSIBLE LEG PULLERS

- » Two legs for removing gears, races, bearings and sprockets.
- » Automotive and industrial applications.
- » Drop forged steel legs, beam and jaws.
- » Heat treated for strength and durability.
- » Can be upgraded for triple leg pulling.
- » Supplied in cardboard box.
- » See page 203 for kit contents.
- » See page 205 for component illustrations.

Specifications

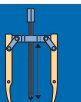
Leg Style: Double Ended Reversible		 Part No.	 Spread Min - Max mm	 Reach Max mm
Double ended legs for external use		08300000	0 - 150	85
		08310000	0 - 200	135



STANDARD ADJUSTABLE LEG PULLERS

- » Two legs for removing gears, races, bearings and sprockets.
- » Automotive and industrial applications.
- » Drop forged steel legs, beam and jaws.
- » Heat treated for strength and durability.
- » Can be upgraded for triple leg pulling.
- » Supplied in cardboard box.
- » See page 203 for kit contents.
- » See page 205 for component illustrations.

Specifications

Leg Style: Standard Adjustable		 Part No.	 Spread Min - Max mm	 Reach Max mm
2/3 positions, adjustable legs for increased Pulling options		08320000	0 - 320	265
		08330000	0 - 400	390



MECHANICAL TWIN/TRIPLE LEG PULLERS

- » Updated design allows for the user to change between 2 and 3 legs without changing the head.
- » Two and three legs for removing gears, races, bearings and sprockets.
- » Different leg styles available - see tables below.
- » Automotive and industrial applications.
- » Double ended legs for external use.
- » Drop forged steel legs, beam and jaws.
- » Heat treated for strength and durability.
- » Supplied in cardboard box.
- » See page 203 for kit contents.
- » See page 205 for component illustrations.



08270000

DOUBLE ENDED REVERSIBLE LEG PULLERS

Specifications

Leg Style: Double Ended Reversible		Part No.	Spread Min - Max mm	Reach Max mm
Double ended legs for external use		08270000	0 - 150	85
		08280000*	0 - 200	135

- » *New design of foot on model 08280000. It now has a cut out to allow the user to pull fasteners.



08280000

STANDARD ADJUSTABLE LEG PULLERS

Specifications

Leg Style: Standard Adjustable		Part No.	Spread Min - Max mm	Reach Max mm
2 / 3 positions, adjustable legs for increased pulling options		08290000	0 - 320	265
		08340000	0 - 400	390



08340000

GOLD TWIN / TRIPLE LEG PULLER

- » For removing bearings, gears, pulleys and sprockets.
- » 2 position adjustable legs for increased pulling options.
- » Fine pitch force screw with built in 'T' bar for smooth operation.
- » 1 tonne capacity.

Specifications

Leg Style		Part No.	Spread Max mm	Reach Max mm
Standard Adjustable		08230000	0 - 70	55



08230000

MECHANICAL PULLERS

MECHANICAL PULLER KIT

08420000

- » Makes 12 separate mechanical 2 or 3 leg pullers.
- » Updated head design allows for the user to change between 2 and 3 legs without changing the head.
- » Supplied in metal case.
- » See page 205 for component illustrations.

Specifications

Part No.	Spread Min - Max mm	Reach Max mm	No. of Puller Combinations
08420000	0 - 350	380	12



Contents

Spare Parts Part No.	Qty	Description
08271100	1	Forcing Screw
08272300	1	Twin/Triple Head
08272400	3	Leg Assembly - Reversible
08281100	1	Forcing Screw
08282300	1	Twin/Triple Head

Spare Parts Part No.	Qty	Description
08282400	3	Leg Assembly - Reversible
08291100	1	Forcing Screw
08331400	3	Leg Assembly - Standard Adjustable
08292300	1	Twin/Triple Head
08291400	3	Leg Assembly - Standard Adjustable

SEPARATORS

- » Individual separators for removing and refitting bearings, etc.
- » Can be used with any of the Sykes-Pickavant design of pullers where standard legs cannot gain access.
- » Tapered jaws provide all round support.
- » Supplied in Cardboard Box.

Specifications

Part No.	External Spread Min - Max mm	Use with
09500000	10 - 62	Can be used with 08300000 Twin Leg Puller or 09400000 Twin Leg Pulling Unit
09510000	20 - 110	Use with 08310000 Twin Leg Puller
09520000	35 - 134	Can be used with 08320000 & 08330000 Twin Leg Pullers
09530000	50 - 175	Can be used with Sykes-Pickavant 'Loadstar' Heavy Duty Pullers

09520000



09510000



MECHANICAL EXTERNAL SEPARATOR KITS

09400000

- » Basic pulling unit excluding the bearing separator.
- » Compatible with 09500000 bearing separator.
- » Includes twin beam, screw, 2 pulling rods.



MECHANICAL PULLER AND SEPARATOR KIT

08420600

- » Makes 12 mechanical 2 or 3 leg pullers with 3 separator options.
- » Updated head design allows for the user to change between 2 and 3 legs without changing the head.
- » Supplied in cardboard box.
- » See page 205 for component illustrations.

Specifications

Part No.	Spread Max mm	Reach Max mm	External Spread Max mm
08420600	400	390	134



Contents

Spare Parts Part No.	Qty	Description
08271100	1	Forcing Screw
08272300	1	Twin/Triple Head
08272400	3	Leg Assembly - Reversible
08281100	1	Forcing Screw
08282300	1	Twin/Triple Head
08282400	3	Leg Assembly - Reversible
08291100	1	Forcing Screw

Spare Parts Part No.	Qty	Description
08292300	1	Twin/Triple Head
08291400	3	Leg Assembly - Standard Adjustable
08331400	3	Leg Assembly - Standard Adjustable
09500000	1	Separator 10-62mm
09510000	1	Separator 20-110mm
09520000	1	Separator 35-134mm

MECHANICAL EXTERNAL SEPARATOR KITS

09300000

- » With tapered edge for insertion behind close fitting bearings, gears etc.
- » Drop forged, high quality alloy steel, heat treated for strength and durability.
- » Users should also use correct thread protector to fit bearing puller.
- » Supplied in metal case.
- » See page 205 for component illustrations.

Specifications

Part No.	External Spread Min - Max mm	External Reach Max mm
09300000	10 - 62	115

Contents

Description	Qty	Kit Part No.
		09300000
Beam	1	09301200
Screw/thrust nut	1	08281100
Main rods, nuts & washers	2	09301500
Separator	1	09500000



For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



MECHANICAL PULLERS

REVERSIBLE TWIN LEG MECHANICAL PULLERS

NEW

- » Forged jaws.
- » Reversible jaws - can be used internally or externally.
- » Long Reach Jaws are available to give your puller extra reach. See table below.

Specifications

Part No.	Reach mm	Min Spread for External Applications mm	Max Spread for External Applications mm	Min Spread for Internal Applications mm	Max Spread for Internal Applications mm
13110000	100	30	95	92	130
13115000	100	35	135	100	175
13120000	150	40	165	130	225
13125000	155	35	190	135	250
13130000	205	50	240	175	325
13135000	200	60	350	175	425
13140000	200	90	510	220	580
13145000	225	140	640	310	740



REVERSIBLE LEGS FOR INTERNAL / EXTERNAL PULLING

REVERSIBLE TWIN LEG LONG REACH MECHANICAL PULLERS

NEW

- » Forged jaws.
- » Reversible jaws - can be used internally or externally.
- » Leg are interchangeable with standard reach pullers. See table below.

Specifications

Part No.	Reach mm	Min Spread for External Applications mm	Max Spread for External Applications mm	Min Spread for Internal Applications mm	Max Spread for Internal Applications mm
13310000	200	25	95	80	130
13315000	200	35	135	95	175
13320000	305	45	165	130	225
13325000	305	35	190	130	270
13330000	380	60	250	175	340
13335000	380	60	350	180	425
13340000	380	90	510	220	580
13345000	350	140	640	310	740



Spare Parts

Standard Reach Puller	Long Reach Puller	Short Leg	Long Leg
13110000	13310000	131100-02	133100-02
13115000	13315000	131100-02	133100-02
13120000	13320000	131200-02	133200-02
13125000	13325000	131200-02	133200-02
13130000	13330000	131300-02	133300-02
13135000	13335000	131300-02	133300-02
13140000	13340000	131300-02	133300-02
13145000	13345000	131450-02	133450-02

REVERSIBLE TRIPLE LEG MECHANICAL PULLERS

- » Forged jaws.
- » Reversible jaws - can be used internally or externally.

Specifications

Part No.	Reach mm	Min Spread for External Applications mm	Max Spread for External Applications mm	Min Spread for Internal Applications mm	Max Spread for Internal Applications mm
13210000	100	35	95	92	130
13215000	100	38	135	100	175
13220000	150	42	165	130	225

13210000

NEW



REVERSIBLE LEGS FOR
INTERNAL / EXTERNAL
PULLING

TWIN & TRIPLE LEG SELF-CENTERING PULLERS

- » External 2/3 jaw puller.
- » Forged jaws.
- » Self-centering closure system.
- » Jaw opening limiting safety feature.

Specifications

Part No.	Spread Min mm	Spread Max mm	Reach Max mm
13010000	0	110	105
13040000	0	175	185
13070000	0	240	225
13100000	0	350	410
13105000	0	405	490

13040000

13010000

NEW



MECHANICAL PULLER 2 & 3 LEG

- » Lightweight self-centering 2 and 3 leg puller.
- » Legs come together with the support nut of the spindle, making the legs move at the same time.

Specifications

Part No.	Description	Spread Max mm	Reach Max mm
SPEEDLINE1700	2 Leg Puller	80	80
SPEEDLINE1710	2 Leg Puller	116	122
SPEEDLINE1720	2 Leg Puller	160	161
SPEEDLINE1730	2 Leg Puller	200	202
SPEEDLINE1705	3 Leg Puller	80	80
SPEEDLINE1715	3 Leg Puller	166	122
SPEEDLINE1725	3 Leg Puller	160	161
SPEEDLINE1735	3 Leg Puller	200	202

SPEEDLINE1700

NEW

SPEEDLINE1705



speedline®

MECHANICAL PULLERS

MECHANICAL PULLER 2 & 3 LEG

- » Reversible external / internal puller.
- » All models have 4 sets of legs except SPEEDLINE1815 which has 3 sets of legs (1 with 2 positions).
- » Forged body.
- » Spindle with 90° swivel point.

Specifications

Part No.	Reach mm	Min Spread for External Applications mm	Max Spread for External Applications mm	Min Spread for Internal Applications mm	Max Spread for Internal Applications mm
SPEEDLINE1805	140	35	173	90	155
SPEEDLINE1810	182	35	250	105	260
SPEEDLINE1815	182	35	250	105	260



INTERNAL RACE EXTRACTOR

09350000

- » Pulling attachment for Sykes-Pickavant bearing pullers, P/N: 09310000.
- » Screw Adaptor, P/N: 09350100.

Specifications

Part No.	Internal Reach Min - Max mm	External Reach Max mm	Use with	Use screw adaptor
09350000	40 - 150	100	09310000 Kit	Required

09350000



09350100



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SCAN ME

SLIDE HAMMER PULLER KITS- COMBI PULLER

08541000

- » 3 straight legs, 3 cranked reversible legs for internal and external pulling.
- » Supplied in cardboard box.

Specifications

Part No.	Leg Style	External Spread Min - Max mm	Internal Spread Min - Max mm	External Reach Max mm
08541000	Straight	0-75	60-100	55
	Cranked	25-60	-	45

Contents

Spare Parts Part No.	Qty	Description
08542500	3	Internal Pulling Leg (Cranked)
08542400	3	External Pulling Leg (Straight)
08542100	1	Slide Hammer

Combi Pull

NEW

A pulling system that offers versatility with many different puller combinations.

The system covers a wide range; automotive, industrial and engineering applications for bearings, gears, oil seals, bearing outer races and pinions.

The slide hammer allows the tool to be used where a conventional screw puller is not suitable due to the absence of a shaft.



SLIDE HAMMER PULLER KIT- COMBI PULL & SPLIT COLLETS EXTRACTOR

08540400

- » 3 straight legs, 3 cranked reversible legs for internal and external pulling.
- » 4 split collet internal extractors.
- » Supplied in metal case.

Specifications

Part No.	Leg Style	External Spread Min - Max mm	Internal Spread Min - Max mm	External Reach Max mm
08540400	Straight	0-75	60-100	55
	Cranked		25-60	45
	Split Collets	-	10 - 30	-

Contents

Spare Parts Part No.	Qty	Description
08541000	1	Slide Hammer & Puller Set
09581100	1	Split Collet Extractor 10 - 12mm
09581200	1	Split Collet Extractor 12 - 17mm
09581300	1	Split Collet Extractor 19 - 22mm
09581400	1	Split Collet Extractor 22 - 30mm
09582000	1	Adaptor
08542500	3	Internal Pulling Leg (Cranked)
08542400	3	External Pulling Leg (Straight)

NEW



MECHANICAL PULLERS

MECHANICAL PULLER COMPONENT DIMENSIONS (ACTUAL)

Image	Description	Part No.	Dimension
	Forcing Screw	66036100	130mm M12 x 1.75
		08271100	147mm M12 x 1.75
		08611100	217mm M24 x 3.00
		08281100	230mm M16 x 2.00
		08291100	292mm M24 x 3.00
		08611100	217mm M24 x 3.00
		09311300	305mm 3/4 x 12 BSF
		09321300	305mm 1" x 10 BSF
		09331300	380mm 1"1/4 x 12UNF
	Twin Head	08271200	75mm long M12
		08281200	110mm long M16
		08291200	165mm long M12
	Twin/Triple Head	08272300	Width 80mm
		08282300	Width 113mm
		08292300	Width 176mm
	Leg Assembly - reversible	08272400	124mm Long
		08282400	236mm Long
	Leg Assembly - adjustable	08291400	305mm Long
		08331400	437mm Long
	Twin Beam	08601200	118mm Long M12
		08611200	210mm Long M24
		08621200	285mm Long M24
	Triple Beam	08601300	59mm Radius M12
		08651300	125mm Radius M24
	Leg - Thin jaw	08601400	122mm Long (75mm working dimensions)
		08611400	215mm Long (150mm working dimensions)
	Leg Extension	08602800	48mm Long
		08612800	75mm Long
	Twin Beam	09301200	118mm Long M16
		09311200	205mm Long
		09321200	290mm Long M24
		09331200	330mm Long
	Main Rod	09301500	160mm Long (3/8" x 20 BSF)
		09311500	254mm Long (1/2" x 16 BSF)
		09321500	332mm Long (5/8" x 14 BSF)
		09331500	375mm Long (1" x 14 UNS)
	Extension Rod	09312300	125mm Long (1/2" x 16 BSF)
		09322300	152mm Long (5/8" x 14 BSF)
		09311900	285mm Long (1/2" x 16 BSF)
		09321900	272mm Long (5/8" x 14 BSF)
		09331900	304mm Long (1" x 14 UNS)
	Protector	09312000	63mm Long (1/2" x 16 BSF)
		09322000	38mm Long (5/8" x 14 BSF)
	Separator	09500000	10-62mm External Spread (3/8" x 20 BSF)
		09510000	20-110mm External Spread (1/2" x 16 BSF)
		09520000	35-134mm External Spread (5/8" x 14 BSF)
		09530000	50 - 175mm External Spread (1" x 14 UNS)

MECHANICAL PULLER KIT CONTENTS

MECHANICAL PULLERS & PULLER KITS

Description	Part No.	08270000	08280000	08290000	08300000	08310000	08320000	08330000	08340000	08420000	08420600
Leg (Reversible)	08272400	3	-	-	2	-	-	-	-	3	3
	08282400	-	3	-	-	2	-	-	-	3	3
Leg (Std adjustable)	08291400	-	-	3	-	-	2	-	-	3	3
	08331400	-	-	-	-	-	-	2	3	3	3
Leg (Thin jaw)	08601400	-	-	-	-	-	-	-	-	-	-
Twin/Triple Head	08272300	1	-	-	-	-	-	-	-	1	1
	08282300	-	1	-	-	-	-	-	-	1	1
	08292300	-	-	1	-	-	-	-	1	1	1
Twin Head	08271200	-	-	-	1	-	-	-	-	-	-
	08281200	-	-	-	-	1	-	-	-	-	-
	08291200	-	-	-	-	-	1	1	-	-	-
Forcing Screw	08271100	1	-	-	1	-	-	-	-	1	1
	08281100	-	1	-	-	1	-	-	-	1	1
	08291100	-	-	1	-	-	1	1	1	1	1
Separator	09500000	-	-	-	-	-	-	-	-	-	1
	09510000	-	-	-	-	-	-	-	-	-	1
	09520000	-	-	-	-	-	-	-	-	-	1
Metal Toolbox		-	-	-	-	-	-	-	-	•	-
Cardboard Box		•	•	•	•	•	•	•	•	-	•

MECHANICAL PULLER KIT CONTENTS

MECHANICAL EXTERNAL SEPARATOR KITS

Description	Part No.	09300000
Screw/Thrust nut	08281100	1
Main Rods, Nuts & Washers	09301500	2
Twin Beam	09301200	1
Separator	09500000	1

SLIDE HAMMER PULLER & EXTRACTOR KITS

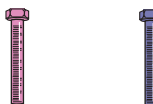
Description	Size (mm)	Part No.	08541000	08540400
Slide Hammer		08542100	1	1
Adaptor		09582000	-	1
Extractor	10 - 12	09581100	-	1
	12 - 17	09581200	-	1
	19 - 22	09581300	-	1
	22 - 30	09581400	-	1
Straight Leg		08542400	1	1
Cranked Leg		08542500	1	1

Forcing Screws

08271100 08281100 08291100



08611100 66036100



Extension 08601600

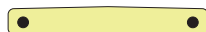


Twin Heads

08271200



08281200



08291200



Twin Beams

08601200 08611200 08621200

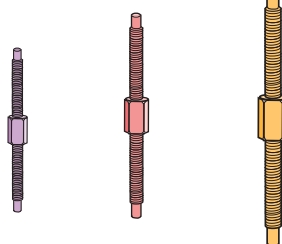


09301200 09311200 09321200 09331200



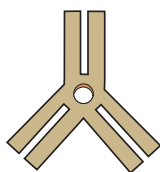
Screws Complete with Thrust Nut

09311100 09321100 09331100

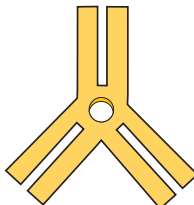


Triple Beams

08601300

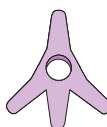


08651300

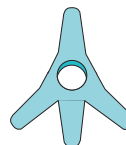


Triple Heads

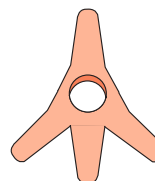
08272300



08282300

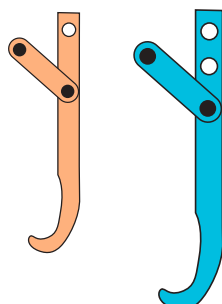


08292300



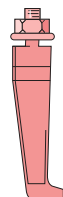
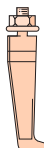
Standard Adjustable Leg Assemblies

08291400 08331400



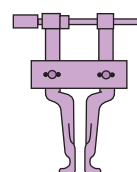
Thin Jaw Leg Assemblies (Working Dimensions)

75mm 150mm 116mm 74mm
08601400 08611400 08612800 08602800



Internal Race Extractors

09350000

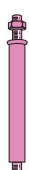
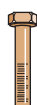


Adaptor
09352000



Rod Assemblies

09301500 09311500 09321500 09331500



Double Ended Reversible Leg Assemblies

08282400 08271400



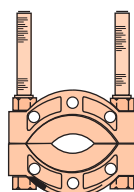
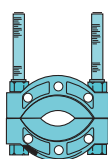
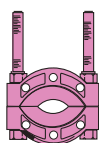
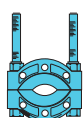
Thrust Races

09312100 09322100 09332100

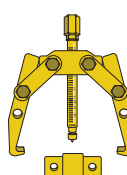


Separators

09500000 09510000 09520000 09530000



Gold Twin/Triple Leg Puller 08230000



Rod Extensions

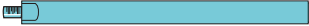
09312300 09322300



09311900



09321900



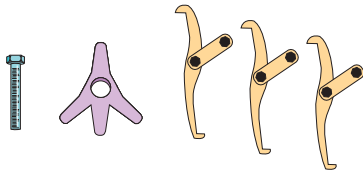
09331900



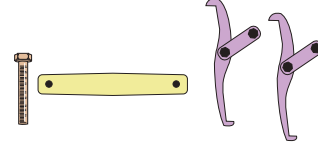
MECHANICAL PULLER KIT BUILD



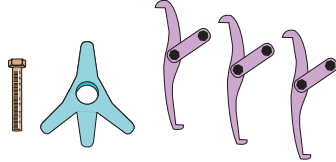
Part No. 08270000 (p.195)



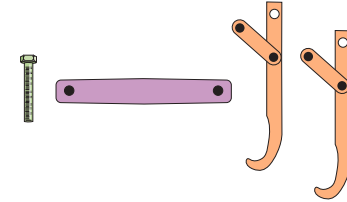
Part No. 08310000 (p.194)



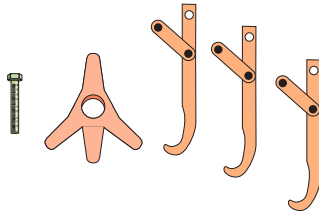
Part No. 08280000 (p.195)



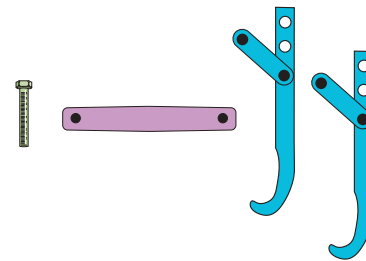
Part No. 08320000 (p.194)



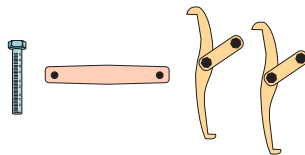
Part No. 08290000 (p.195)



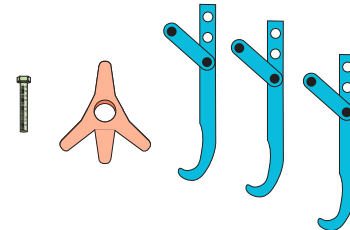
Part No. 08330000 (p.194)



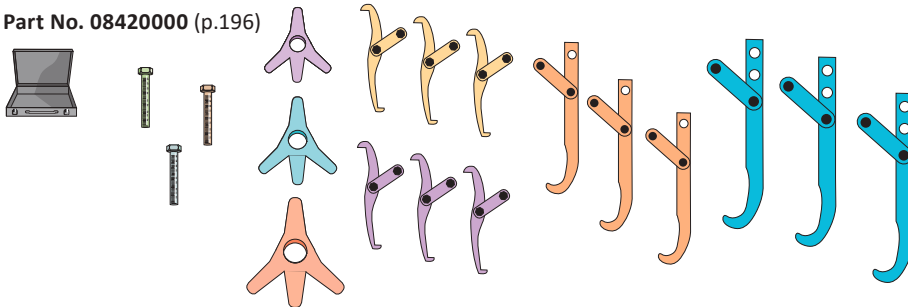
Part No. 08300000 (p.194)



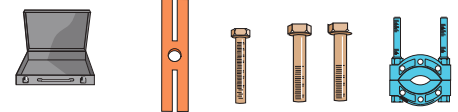
Part No. 08340000 (p.195)



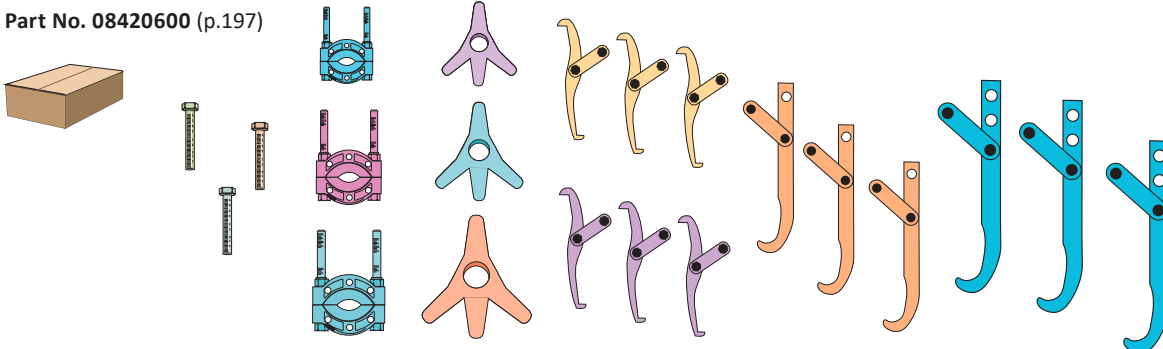
Part No. 08420000 (p.196)



Part No. 09300000 (p.197)



Part No. 08420600 (p.197)



EXTRACTORS & SPLIT COLLETS

SLIDE HAMMER PULLER KIT- COMBI PULL & SPLIT COLLETS EXTRACTOR

08540400

- » 3 straight legs, 3 cranked reversible legs for internal and external pulling.
- » 4 split collet internal extractors.
- » Supplied in metal case.

Specifications

Part No.	Leg Style	External Spread Min - Max mm	Internal Spread Min - Max mm	External Reach Max mm
08540400	Straight	0-75	60-100	55
	Cranked	-	25-60	45
	Split Collets	-	10 - 30	-

Contents

Spare Parts Part No.	Qty	Description
08541000	1	Slide Hammer & Puller Set
09581100	1	Split Collet Extractor 10 - 12mm
09581200	1	Split Collet Extractor 12 - 17mm
09581300	1	Split Collet Extractor 19 - 22mm
09581400	1	Split Collet Extractor 22 - 30mm
09582000	1	Adaptor
08542500	3	Internal Pulling Leg (Cranked)
08542400	3	External Pulling Leg (Straight)



INTERNAL SPLIT COLLETS EXTRACTOR KIT

09580000

- » Extract components quickly and efficiently when conventional pullers cannot be used.
- » Removes gears, bearings, pinions, oil seals etc.
- » Can be upgraded for twin/triple leg pulling.
- » Additional twin beam pulling unit available part no. **09580500**.
- » Supplied in metal case.
- » See page 215 for component illustrations.

Specifications

Part No.	Internal Spread Min - Max mm	Twin Beam Pulling Unit p/n 09580500	No. of Split Collet Extractors
09580000	6.5 - 60	Included	9

Contents

Spare Parts Part No.	Qty	Description
08542100	1	Slide Hammer Assembly
09580500	1	Pulling Unit
09580900	1	Split Collet Extractor 6.5 - 8mm
09581000	1	Split Collet Extractor 8.5 - 10mm
09581100	1	Split Collet Extractor 10 - 12mm
09581200	1	Split Collet Extractor 12 - 17mm
09581300	1	Split Collet Extractor 19 - 22mm
09581400	1	Split Collet Extractor 22 - 30mm
09581500	1	Split Collet Extractor 30 - 38mm
09581600	1	Split Collet Extractor 38 - 50mm
09581700	1	Split Collet Extractor 50 - 60mm
09582000	1	Adaptor
08542500	3	Internal Pulling Leg (Cranked)
08542400	3	External Pulling Leg (Straight)



INTERNAL EXTRACTOR KITS

- » Extract components quickly and efficiently when conventional pullers cannot be used.
- » Removes bearings, oil seals etc.
- » See page 215 for component illustrations.

 09580100



 09580200



 09580300



 09580400



Contents

Description		Qty	Kit Part No.			
			09580100	09580200	09580300	09580400
Slide Hammer Assembly 1kg		1	08542100	08542100	08542100	08542100
Split Collet Extractor	00 Extractor 6.5 - 8mm	1	09580900	-	-	-
	0 Extractor 8.5 - 10mm	1	09581000	-	-	09581000
	1 Extractor 10 - 12mm	1	09581100	-	-	09581100
	2 Extractor 12 - 17mm	1	-	09581200	-	09581200
	3 Extractor 19 - 22mm	1	-	09581300	-	09581300
	4 Extractor 22 - 30mm	1	-	09581400	-	-
	5 Extractor 30 - 38mm	1	-	-	09581500	-
	6 Extractor 38 - 50mm	1	-	-	09581600	-
	7 Extractor 50 - 60mm	1	-	-	09581700	-
Adaptor		1	09582000	09582000	-	09582000

Specifications

Part No.	Internal Spread Min - Max mm	No. of Split Collet Extractors	Upgrade
09580100	6.5 - 12	3	Twin Beam Pulling Unit p/n 09580500
09580200	12 - 17 & 19 - 30	3	
09580300	30 - 60	3	
09580400	8.5 - 17 & 19 - 22	4	

TWIN BEAM PULLING UNIT

 09580500

- » Twin beam mechanical puller for use with Sykes-Pickavant split collet type internal extractors.
- » Mechanical force screw can then be used to draw extractors in place of slide hammer.



SLIDE HAMMER ASSEMBLY- 1KG

 08542100

- » For use with Sykes-Pickavant split collet type internal extractors.
- » 1/2" UNF Thread.
- » Hammer weight 1kg.



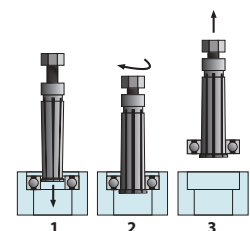
SPLIT COLLET INTERNAL EXTRACTORS

- » The split collet is pushed into the centre of the bearing and then expanded via the hex nut on the end of the collet until a secure grip is achieved. The slide hammer is then attached providing the necessary extracting force.



Specifications

#	Part No.	Internal Spread Min - Max mm	#	Part No.	Internal Spread Min - Max mm	#	Part No.	Internal Spread Min - Max mm
00	09580900*	6.5 - 8	2	09581200*	12 - 17	5	09581500	30 - 38
0	09581000*	8.5 - 10	3	09581300*	19 - 22	6	09581600	38 - 50
1	09581100*	10 - 12	4	09581400	22 - 30	7	09581700	50 - 60



*Additional part 09582000 (converter from M8 to 1/2" UNF) must be attached for use with slide hammer

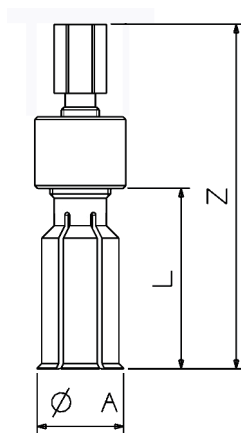
SPLIT COLLETS

SPLIT COLLET EXTRACTORS

- » ½" UNF fitting.
- » Compatible with existing 0958 Internal Split Collet Extractor range.
- » Extract components quickly and efficiently when conventional pullers cannot be used.
- » Removes gears, bearings, pinions, oil seals etc.

Specifications

Part No.	ØA mm	L mm	Z mm	Weight kg
09581800	55-64	89	175	1.6
09581900	65-76	89	175	2.0

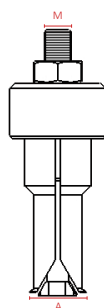


SPLIT COLLET EXTRACTORS

- » Coverage for larger bearings found on engines, gearboxes and industrial machinery.
- » Compatible with kits below and slide hammers with M16 x 2mm fittings.

Specifications

Part No.	ØA mm	M	Weight kg
09582100	57-75	M16 X 2mm	2.2
09582200	74-100	M16 x 2mm	3.4



 09582100



 09582200



SPLIT COLLET EXTRACTOR SETS

- » A safe and simple pulling solution for larger bearings found on engines, gearboxes and industrial machinery.
- » See page 215-216 for component illustrations.

Specifications

Part No.	Adaptors Included	Coverage mm
09580600	09582100	57 - 75
09580700	09582200	74 - 100
09580800	09582100 & 09582200	57 - 100



 09580600



 09580700

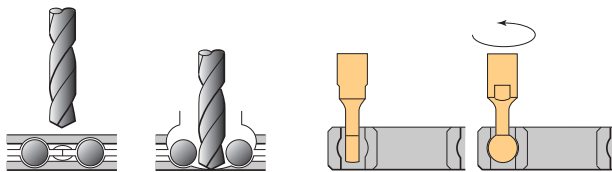
MULTIPULL® BLIND HOUSING BEARING REMOVERS

These special pullers will remove blind housing bearings without the need to dismantle machinery or remove the running shaft.

- » Positive seating allows even tension on inner and outer bearing rings, reducing resistance.
- » Stabilisers reduce sideways movement and self-centre the puller.
- » 3 kits cover a wide range of ISO bearings. (To identify kit for bearings without an ISO reference, refer to puller spread and adaptor diameter).
- » Supplied in blow moulded case with foam.
- » See page 217 for component illustrations.

Specifications

Part No.	Min Spread mm	Max Spread mm	Adaptor Dia. mm	Puller Reach mm
09800000	20	95	5.5 - 8	125
09810000	20	117	5.5 - 12.5	415
09820000	56	210	16 - 31.75	490
ISO Bearing Designation				
09800000	6004 - 6010	6299 - 6205	6300 - 6302	-
09810000	6004 - 6015	6200 - 6211	6300 - 6307	6403 - 6404
09820000	-	6212 - 6222	6308 - 6319	6405 - 6414



09800000



09810000



Contents

Description		Qty	Kit Part No.		
			09800000	09810000	09820000
Beam		1	09801200	09801200	09821200
		1	-	09811200	-
Screw		1	09801100	09801100	09311300
		1	-	08281100	-
Thrust Nut		1	-	-	09821400
Thrust Washer		1	-	-	09821300
Rod Assembly		2	09801500	09801500	09821500
		2	-	09811500	-
Rod Extensions	No.1	2	09801700 (95mm)	09801700 (95mm)	09821700 (195mm)
	No.2	2	09801900 (30mm)	09801900 (30mm)	09821800 (295mm)
	No.3	2	-	09811900 (95mm)	-
	No.4	2	-	09812000 (195mm)	-
Bearing Adaptors	No.1	2	09802100 (5.5mm)	09802100 (5.5mm)	-
	No.2	2	09802200 (6mm)	09802200 (6mm)	-
	No.3	2	09802300 (8mm)	09802300 (8mm)	-
	No.4	2	-	09812400 (9mm)	-
	No.5	2	-	09812500 (11mm)	-
	No.6	2	-	09812600 (12.5mm)	-
	No.7	2	-	-	09822700 (16mm)
	No.8	2	-	-	09822800 (19mm)
	No.9	2	-	-	09822900 (22mm)
	No.10	2	-	-	09823000 (25mm)
	No.11	2	-	-	09823100 (28mm)
	No.12	2	-	-	09823200 (31.75mm)

09820000



BEARING INSTALLATION KITS

- » Suitable for use on bearings, bushes and nylon seals etc. with various types of profile.
- » For use with a soft hammer.
- » Features Ø25mm, Ø38mm or Ø60mm mounting tube.
- » Includes a range of aluminium adaptors for full face support, preventing damage and premature failure.
- » Supplied in foam & plastic case.



Part Number	Mounting Tube	Size									
		Ø1	ØE	6000-6200 6300-6400	7200B 7300B	1200-2200 1300-2300	3200 3300	21300 22200 22300	UN-NJ-N-20	30200 30300 31300	32200 32300
09660100		10	26	6000-16100 6300	7208	129 1200-2200	3200				
		10	30								
		10	35								
		12	28	6000-16101 6201 6301	7201B 7301B	1201-2201	3201				
		12	32								
		12	37								
		15	32	6002-16002 6202 6302	7201B 7302B	1202-2202 2302	3202 3302		202	30202 30302	
		15	35								
		15	42								
		17	35	6003-16003 6203 6303	7203B 7303B	1203-2203 1303-2303	3203 3303		203	30203 30303	32203 3230
		17	40								
		17	47								
09660200		20	42	6004-16004 6204 6304	7204B 7304B	1204-2204 1304-2304	3204 3304	21304	204 304	32004 30204 30304-31304	32304
		20	47								
		20	52								
		25	47	6055-16005 6205 6305-6404	7205B 7305B	1205-2205 1305-2305	3205 3305	22205 21305	1005 205 305	32005 30205 30305-31305	32205-33205 32305
		25	52								
		25	62								
		30	55	6006-16006 6206 6306-6405	7206B 7306B	1206-2206 1306-2306	3206 3306	22206 21306	1006 206 306	32006 30206 30306-31306	32206-33206 32306
		30	62								
		30	72								
09660300		35	62	6007-16007 6207 6307-6406	7207B 7307B	1207-2207 1307-2307	3207 3307	22207 21307	1007 207 307	32007 30207 30307-31307	32207-33207 32307
		35	78								
		35	80								
		40	68	6008-16008 6208 6309-6408	7208B 7308B	1208-2208 1308-2308	3208 3308	22208 23208	1008 208 308	32008 30208-33108 30308-31308	32208-33208 32308
		40	80								
		40	90								
		45	75	6009-16009 6209 6309-6408	7209B 7309B	1209-2209 1309-2309	3209 3309	22209 23209	1009 209 309	32009-33009 33109-30209 30309-31309	32309
		45	85								
		45	100								
		50	80	6010-16010 6210 6310-6409	7210B 7310B	1210-2210 1310-2310	3210 3310	22210 23210	1010 210 310	32010-33010 33110-30210 30310-31310	32210-33210 32310
		50	90								
		50	100								



09660000



09660100



09660200

For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



SCAN ME

M4-M10 THREADED STUD EXTRACTOR

09590000

- » For the extraction of tapped dowels from their location holes.
- » Kit includes Slide Hammer & Adaptors.

M4 - M10 Includes:

- » M10 Slide Hammer
- » M6 Adaptor
- » M4 Adaptor
- » M8 Adaptor
- » M5 Adaptor

Spare Parts	
Part no.	Description
095900-04	M4 Adaptor
095900-05	M5 Adaptor
095900-06	M6 Adaptor
095900-08	M8 Adaptor



M6-M20 THREADED STUD EXTRACTOR

09595000

- » For the extraction of tapped dowels from their location holes.
- » Kit includes Slide Hammer & Adaptors.

M6 - M20 Includes:

- » ½" UNF Slide Hammer
- » M12 x 1.75mm Adaptor
- » 3/8" Converter
- » M14 x 2mm Adaptor
- » 5/8" Converter
- » M16 x 2mm Adaptor
- » M6 x 1mm Adaptor
- » M18 x 2.5 Adaptor
- » M8 x 1.25mm Adaptor
- » M20 x 2.5mm Adaptor
- » M10 x 1.5 Adaptor

Spare Parts	
Part no.	Description
095950-01	3/8" Converter
095950-02	5/8" Converter
095950-06	M6 x 1mm Adaptor
095950-08	M8 x 1.25mm Adaptor
095950-10	M10 x 1.5 Adaptor
095950-12	M12 x 1.75mm Adaptor
095900-14	M14 x 2mm Adaptor
095950-16	M16 x 2mm Adaptor
095950-18	M18 x 2.5mm Adaptor
095950-20	M20 x 2.5mm Adaptor



6-16MM DOWEL PIN PULLER SET

09600000

- » Tapered collets thread onto stud, even where only a few threads are exposed.
- » The collet is drawn into the housing and clamped onto stud by tightening the housing bolt.
- » Reduces possibility of damage to stud threads.
- » Prevents shearing or damaging stud / workpiece by avoiding bottoming or shouldering studs.
- » 6 collet sizes; 6mm, 8mm, 10mm, 12mm, 14mm & 16mm.



STUD EXTRACTORS

SLIDE HAMMER PULLER & EXTRACTOR KITS

Description	Size (mm)	Part No.	09580000	09580100	09580200	09580300	09580400
Slide Hammer		08542100	1	1	1	1	1
Adaptor		09582000	1	1	1	-	1
Extractor	6.5 - 8	09580900	1	1	-	-	-
	8.5 - 10	09581000	1	1	-	-	1
	10 - 12	09581100	1	1	-	-	1
	12 - 17	09581200	1	-	1	-	1
	19 - 22	09581300	1	-	1	-	1
	22 - 30	09581400	1	-	1	-	-
	30 - 38	09581500	1	-	-	1	-
	38 - 50	09581600	1	-	-	1	-
	50 - 60	09581700	1	-	-	1	-
Pulling Unit		09580500	1	-	-	-	-

MECHANICAL BEARING EXTRACTOR KITS

Description	Size (mm)	Part No.	00908560	09580700	09580900
Force Screw		09584300	1	1	1
Adaptor		09584200	1	1	1
Twin Beam		09311200	1	1	1
Thrust Nut		09311400	1	1	1
Thrust Race		09312100	1	1	1
Protector		09312000	2	2	2
Rod Assembly		09311500	2	2	2
Extractor	57-75	09582100	1	-	1
	74-100	09582200	-	1	1

KM SOCKETS

KM SOCKET KITS

NEW

- » Sockets designed for easy tightening and loosening of lock nuts in a safe manner.
- » They are used to secure and adjust bearings on tapered journals, adapter sleeves and withdrawal sleeves.
- » Easy mounting and dismounting without nut damage.
- » The socket demands less space around the bearing arrangement than when using a hook spanner and allows the use of ratchets and torque wrenches via a 1/2" drive.
- » Supplied in foam & plastic case.

KM SOCKET KIT- KM 4-KM 10

69680000

Kit Includes:

- » KM 4
- » KM 5
- » KM 6
- » KM 7
- » KM 8
- » KM 9
- » KM 10



KM SOCKET AND EXTENSION TUBE KIT- KM 4-KM 7

69680100

Kit Includes:

- » KM 4 and Extension Tube
- » KM 5 and Extension Tube
- » KM 6 and Extension Tube
- » KM 7 and Extension Tube



KM SOCKET AND EXTENSION TUBE KIT- KM 4-KM 10

69680200

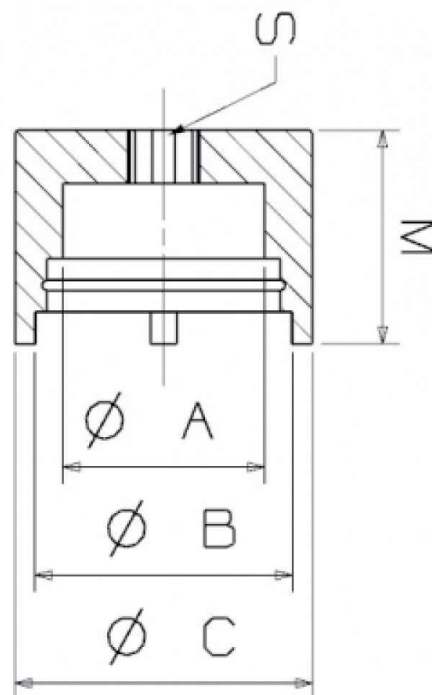
Kit Includes:

- » KM 4 and Extension Tube
- » KM 5 and Extension Tube
- » KM 6 and Extension Tube
- » KM 7 and Extension Tube
- » KM 8 and Extension Tube
- » KM 9 and Extension Tube
- » KM 10 and Extension Tube



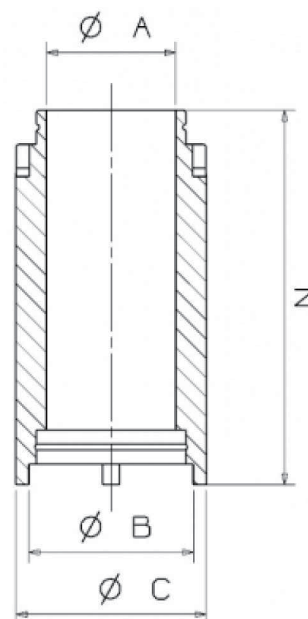
INDIVIDUAL KM SOCKETS

PART NO.	KM	ØA	ØB	ØC	M	S	Weight (KG)
696800-KM2	KM2	12	21	25	35	22	0.11
696800-KM3	KM3	18	25	28	40	1/2"	0.1
696800-KM4	KM 4	18	28.5	34	40	1/2"	0.18
696800-KM5	KM 5	24	34.5	40	40	1/2"	0.22
696800-KM6	KM 6	31	42	47	40	1/2"	0.29
696800-KM7	KM 7	36	49	54	40	1/2"	0.36
696800-KM8	KM 8	42	54	60	40	1/2"	0.44
696800-KM9	KM 9	47	58	67	40	1/2"	0.55
696800-KM10	KM 10	52	65	72	40	1/2"	0.6
696800-KM11	KM 11	57	70.5	77	50	3/4"	0.81
696800-KM12	KM 12	62	76	82	50	3/4"	0.88
696800-KM13	KM 13	67	80	87	50	3/4"	1.25
696800-KM14	KM 14	74	86	94	50	3/4"	1.45
696800-KM15	KM 15	80	89	102	80	1"	2.5
696800-KM16	KM 16	87	98	109	80	1"	2.75
696800-KM17	KM 17	92	104	114	80	1"	3
696800-KM18	KM 18	102	114	124	80	1"	3.5
696800-KM19	KM 19	107	119	129	80	1"	3.75
696800-KM20	KM 20	112	121	136	80	1"	4.2
696800-KM21	KM 21	122	133	146	80	1"	4.7
696800-KM30	KM 30	177	186	201	80	1"	9.5



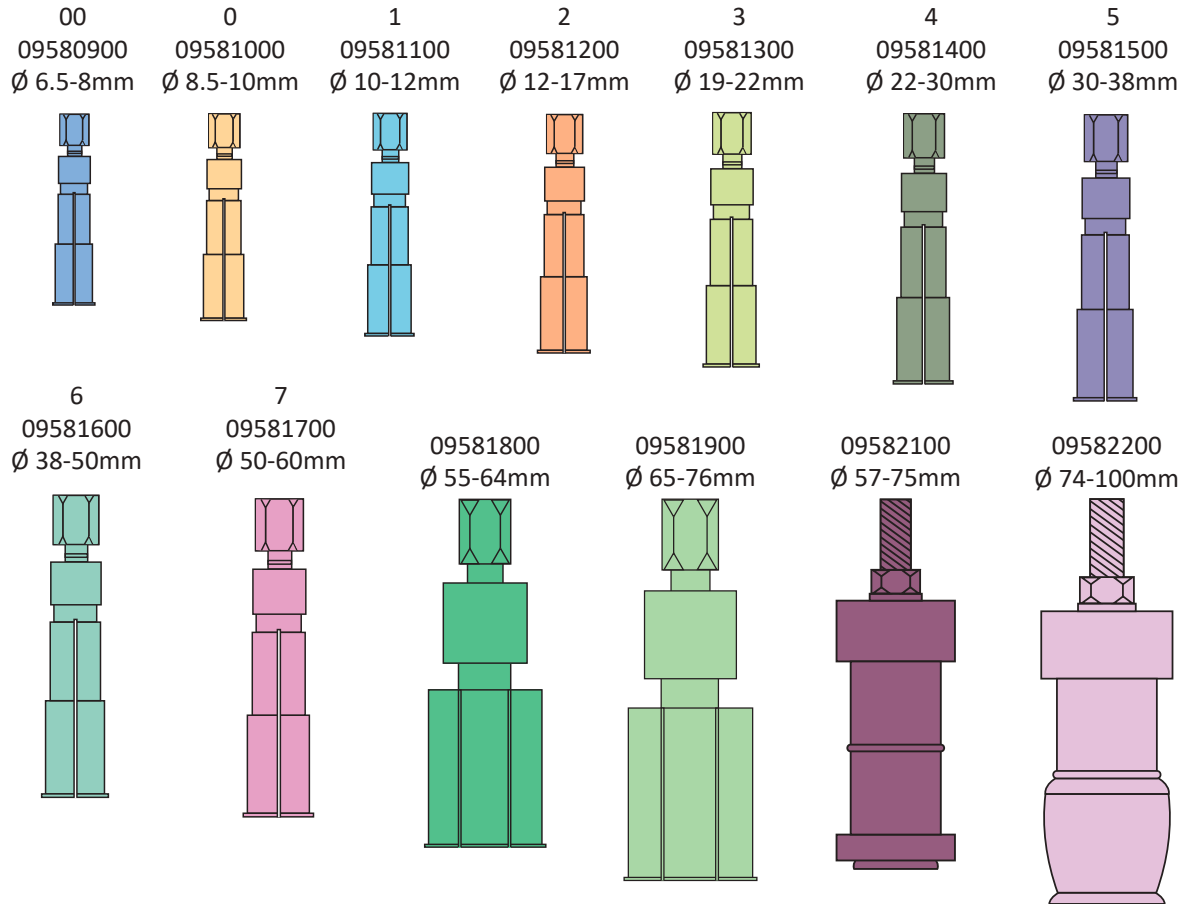
INDIVIDUAL KM EXTENSION TUBES

PART NO.	KM	ØA	ØB	ØC	N	Weight (KG)
696800-KM4EXT	KM 4	18	28,5	34	100	0.44
696800-KM5EXT	KM 5	24	35	40	100	0.53
696800-KM6EXT	KM 6	31	42	47	100	0.65
696800-KM7EXT	KM 7	36	49	54	100	0.86
696800-KM8EXT	KM 8	42	54	60	100	1.06
696800-KM9EXT	KM 9	47	58	67	110	1.32
696800-KM10EXT	KM 10	52	65	72	110	1.44
696800-KM11EXT	KM 11	57	70.5	77	110	1.55
696800-KM12EXT	KM 12	62	76	82	110	1.68
696800-KM13EXT	KM 13	67	80	87	120	1.95
696800-KM14EXT	KM 14	74	86	94	120	2.15



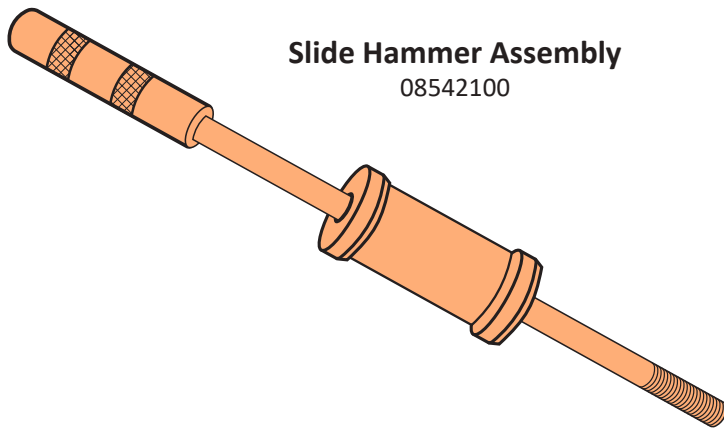
MECHANICAL PULLER KIT BUILD

Extractors



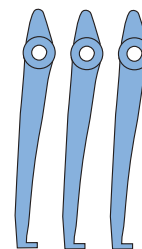
Slide Hammer Assembly

08542100



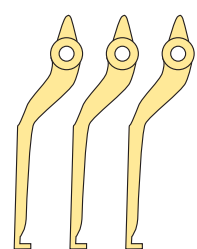
Straight Legs

08542400



Cranked Legs

08542500



Thrust Nut
09311400



Adaptor
09582000



Adaptor
09584200



Extension
08210400

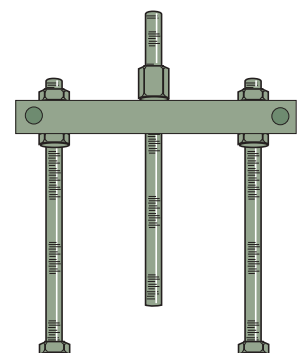


Screw
09584300

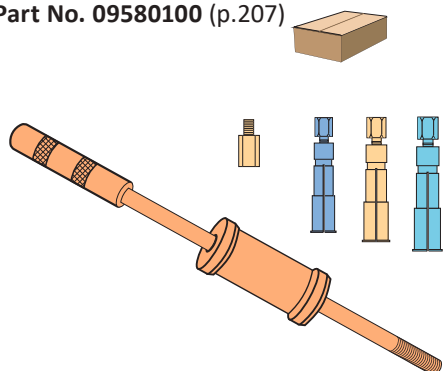


Pulling Unit

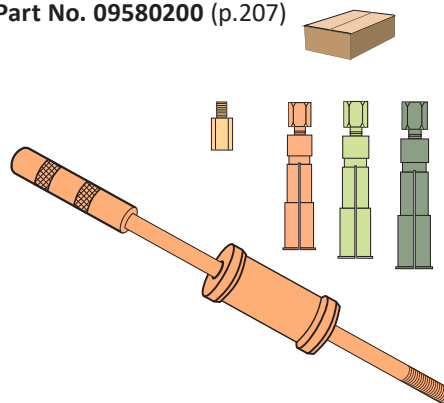
09580500



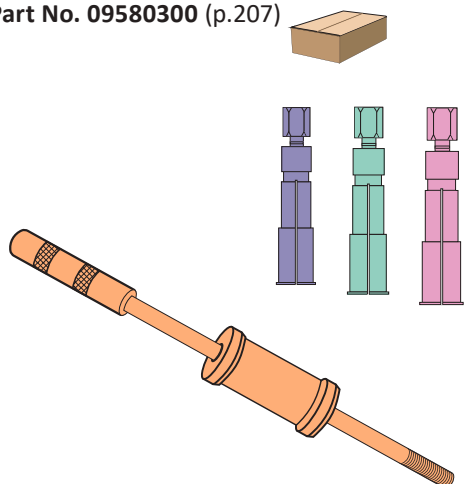
Part No. 09580100 (p.207)



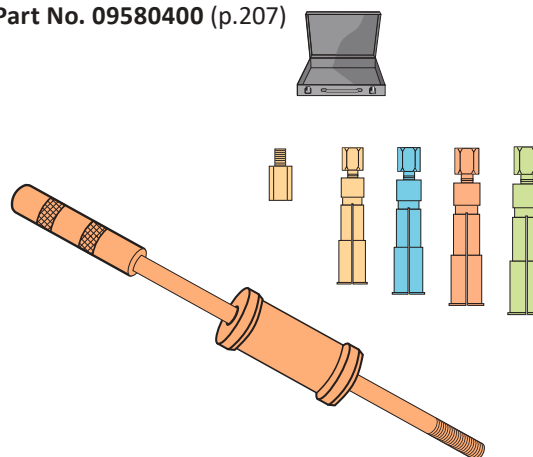
Part No. 09580200 (p.207)



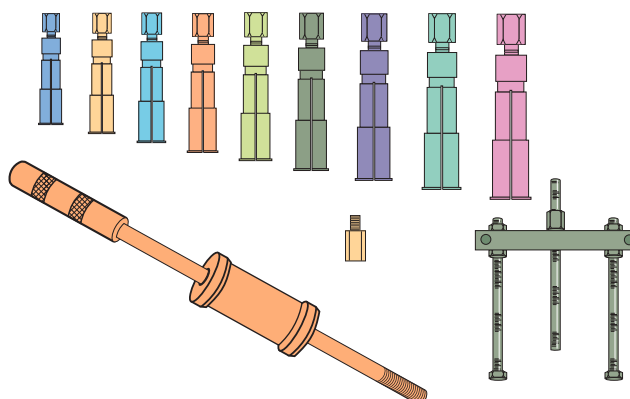
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Part No. 09580400 (p.207)

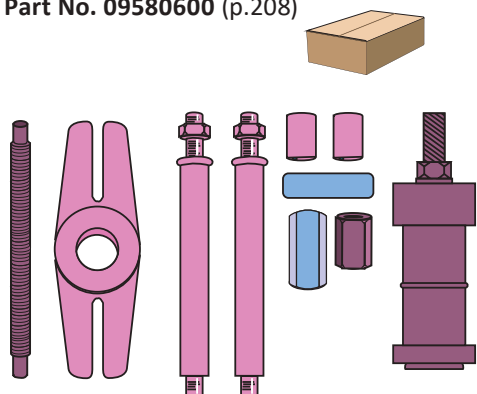


Part No. 09580000 (p.206)

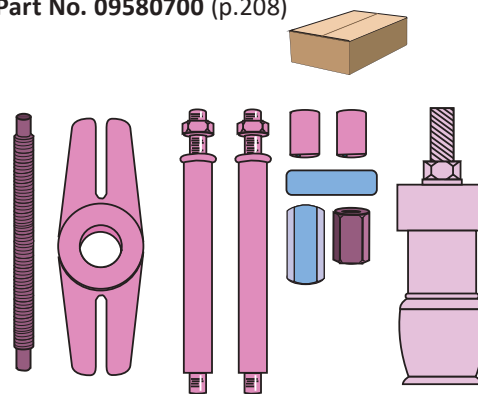


BEARING EXTRACTOR KIT BUILD

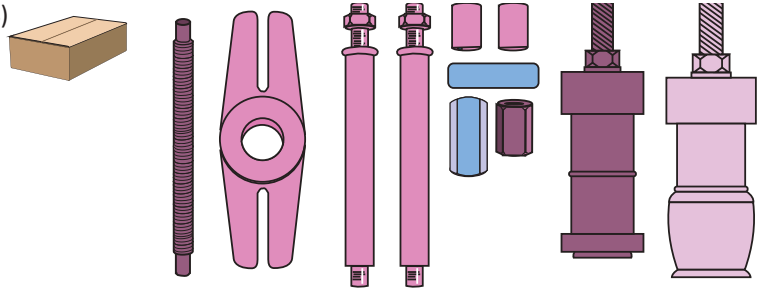
Part No. 09580600 (p.208)



Part No. 09580700 (p.208)

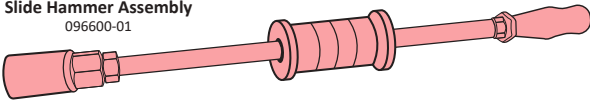


Part No. 09580800 (p.208)

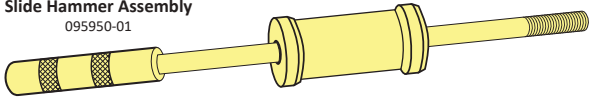


THREADED STUD EXTRACTOR COMPONENT ILLUSTRATIONS

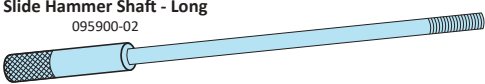
Slide Hammer Assembly
096600-01



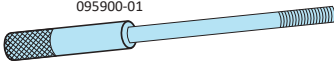
Slide Hammer Assembly
095950-01



Slide Hammer Shaft - Long
095900-02



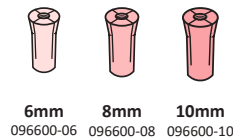
Slide Hammer Shaft - Short
095900-01



Slide Hammer Weight
095900-03

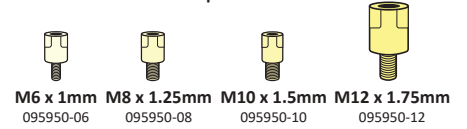


Collets

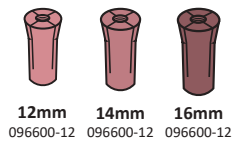


6mm 096600-06
8mm 096600-08
10mm 096600-10

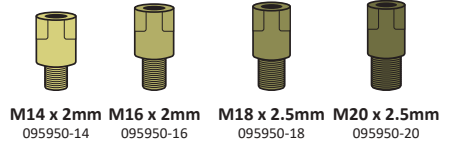
Adaptors



M6 x 1mm 095950-06
M8 x 1.25mm 095950-08
M10 x 1.5mm 095950-10
M12 x 1.75mm 095950-12

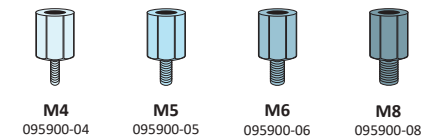
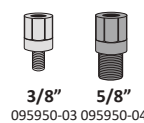


12mm 096600-12
14mm 096600-12
16mm 096600-12



M14 x 2mm 095950-14
M16 x 2mm 095950-16
M18 x 2.5mm 095950-18
M20 x 2.5mm 095950-20

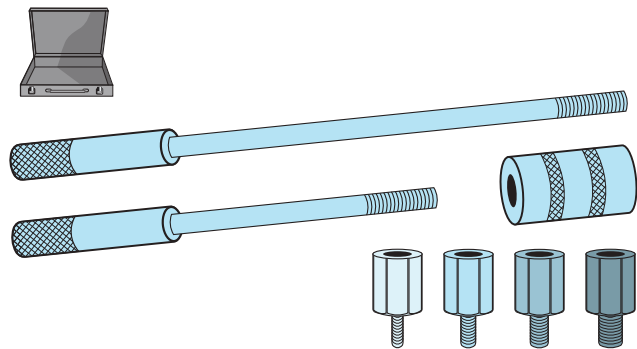
Convertors



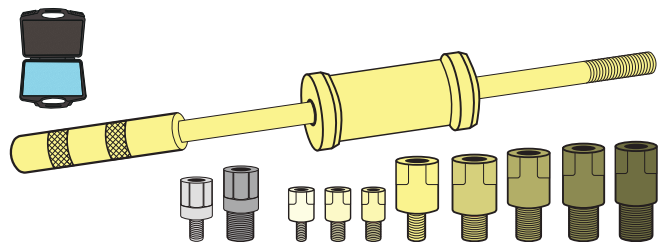
M4 095900-04
M5 095900-05
M6 095900-06
M8 095900-08

THREADED STUD EXTRACTOR BUILD

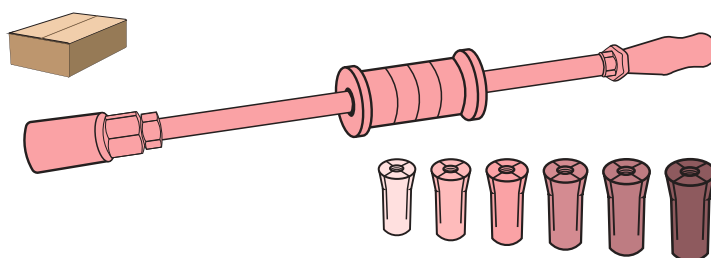
Part No. 09590000 (p.211)



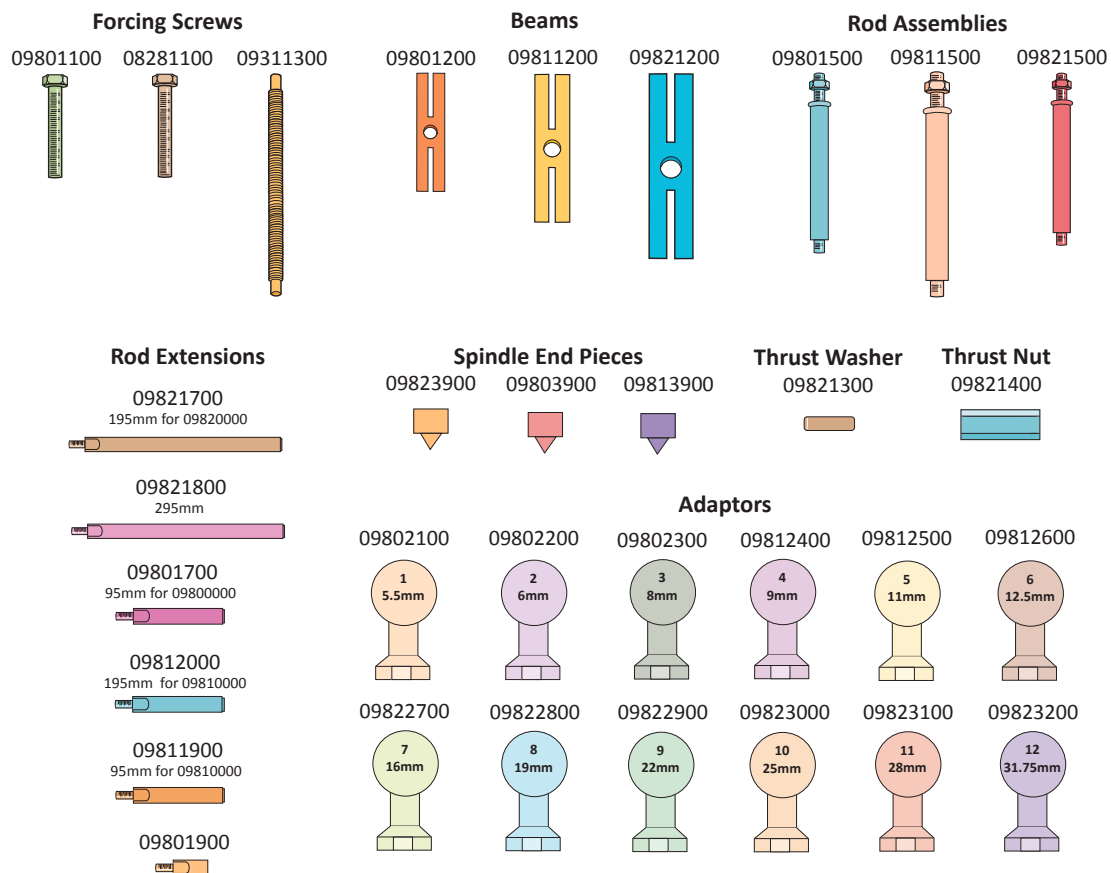
Part No. 09595000 (p.211)



Part No. 09600000 (p.211)

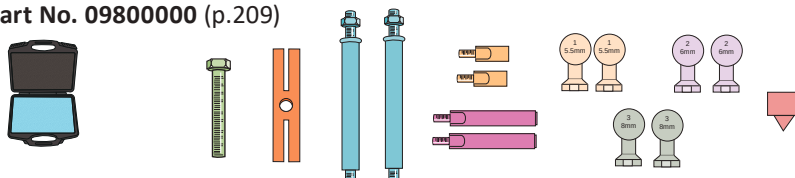


MULTIPULL® COMPONENT ILLUSTRATIONS

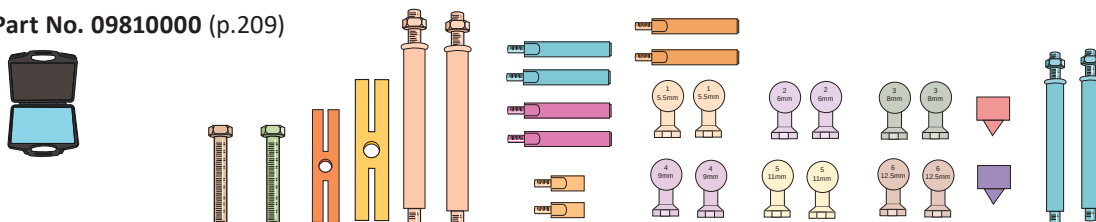


MULTIPULL® KIT BUILD

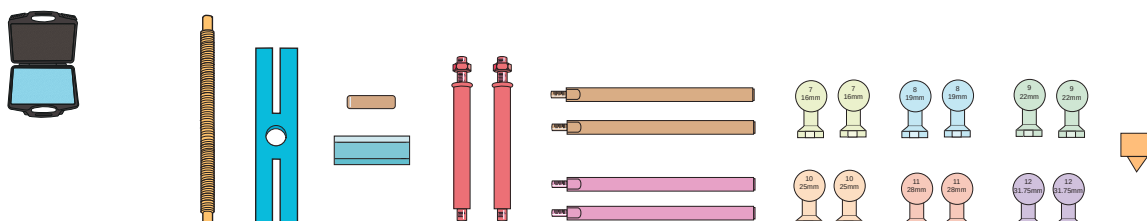
Part No. 09800000 (p.209)



Part No. 09810000 (p.209)



Part No. 09820000 (p.209)





HYDRAULIC PULLERS



HYDRAULIC PULLERS

1500 SERIES 8 TONNE HYDRAULIC RAM

150000V2

- » New design includes pre-loading 30mm hex, 2" extension and foam cut out for storage.
- » 1 1/2" thread.
- » Grease filled.
- » Direct force improves stability under load.
- » Provides maximum withdrawal force of 80kN.
- » New hex head makes it possible to increase pre-load capability up to 4 tonnes (with the use of a 30mm wrench).
- » When hydraulic power is applied, the full force is achieved with little loss of ram travel.
- » As the workpiece starts to release, more stroke and power can be applied to ensure a good safe removal.

Contents

Qty	Description
1	Hydraulic Ram
1	2" Extension
1	Nose Piece (15002700)



Supplied in box with foam insert to protect the thread when not in use.

1800 SERIES 12 TONNE HYDRAULIC RAM

180000V2

- » Includes pre-loaded 30mm hex.
- » Includes: 2" extension and foam cut-out for storage.
- » Standard power unit for SP suspension products and is 50% more powerful than the original SP1500 Series 8 tonne ram, creating reliable power for tough applications.
- » Can achieve up to 4 tonnes of mechanical force prior to hydraulic operation.
- » Diameter 1 1/2".
- » Thread 16tpi Whitworth.
- » **N.B. Due to the thread being the same as the 1500 series ram it can be used with our hydraulic puller range but all of the components in that range are rated at 10T and so if you chose to use this ram it is at your own risk and Sykes Pickavant cannot be held responsible for any accidents or component damage.**



For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

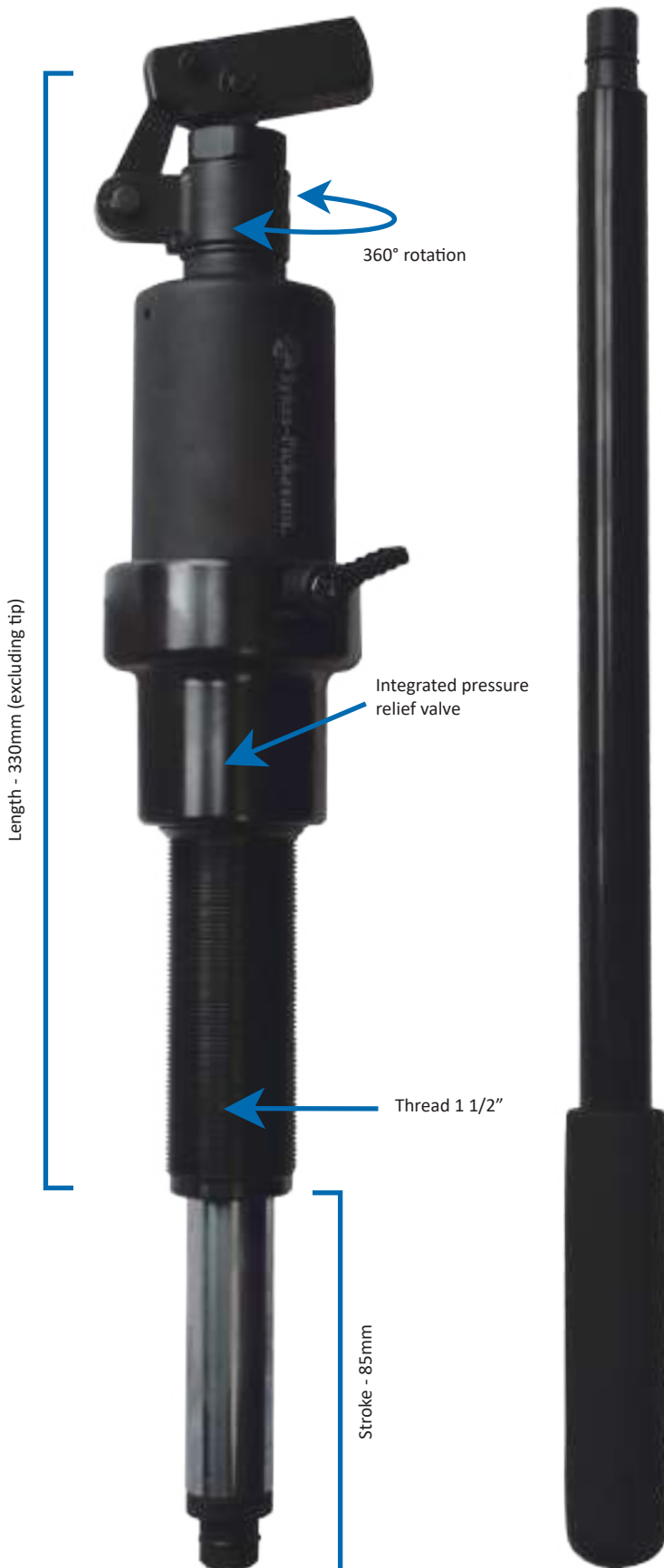
Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



SCAN ME

1500 SERIES 8 TONNE EXTRA TRAVEL RAM

 150000XT



*Note: Legs and beams not included -
Shown for illustration purposes only*

- » Measurable 8 tonnes of pressure capacity.
- » 85mm of travel allows for reduced setting operations and saves time.
- » 4 x faster output operation than standard 1500 Series ram.
- » Removable handle can be rotated 360°.
- » Integrated pressure relief control valve opens at 8 tonnes and cannot be overloaded.
- » Oil hydraulics work in any position - even upside down.
- » Features piston with spring return.
- » Compatible with the 1500 Series Puller Range where the 8 Tonne Hydraulic Ram is used.
- » Supplied in a metal tin with foam insert.

HYDRAULIC PULLERS

HYDRAULIC TWIN / TRIPLE LEG PULLERS

HYDRAULIC 1500 SERIES

- » Removes gears, bearings, pulleys and sprockets.
- » Wide range of automotive and industrial applications.
- » Powered by 1500 series hydraulic ram.
- » Safe and easy to use.
- » 8 tonnes of force with minimum effort.
- » Easy to adjust.
- » Non-twisting for improved stability.
- » Supplied with nose piece for use on centred shafts.

STANDARD TWIN LEG PULLERS

- » Self centering and self locking.
- » Redesigned legs, improving strength.
- » Supplied in cardboard box.
- » See page 236 for kit contents.
- » See page 239 for component illustrations.

Specifications

Standard Leg			
Part No.	Puller Spread mm	Puller Reach Max mm	Ram Extension mm
15240000	50 - 100	100	50
15260000	75 - 150	150	100
15280000	100 - 200	200	150
15290000	130 - 250	250	150



15280000

STANDARD TRIPLE LEG PULLERS

- » Self centering and self locking.
- » Redesigned legs, improving strength.
- » Supplied in cardboard box.
- » See page 236 for kit contents.
- » See page 239 for component illustrations.

Specifications

Standard Leg			
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
15340000	50 - 100	100	50
15360000	75 - 150	150	100
15380000	100 - 200	200	150
15390000	130 - 250	250	150



15390000

HYDRAULIC TWIN LEG PULLER KITS

- » Makes 2 different pullers.
- » Self centering and self locking.
- » Redesigned legs, improving strength.
- » See page 239 for component illustrations.

Specifications

Standard Leg			
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
15490000	75 - 100	150	50 / 100

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15242200	1	Ram Extension - 50mm
15242400	2	Leg 100mm
15262400	1	Ram Extension - 100mm
15262600	2	Leg 150mm



 15490000

HYDRAULIC TWIN LEG PULLER KITS

- » Combination twin/triple leg puller kits complete with ram extensions, offer a wide range of pulling options.
- » Makes 2 different twin/triple leg pullers.
- » Wide range of kits to suit most applications.
- » Supplied in cardboard box.
- » See page 239 for component illustrations.

Specifications

Standard Leg			
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
15340500	50 - 100	100	50

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15242200	1	Ram Extension - 50mm
15341300	1	Triple Head
15242400	3	Leg - 100mm



 15340500

HYDRAULIC PULLERS

HYDRAULIC TWIN/TRIPLE LEG PULLER KITS

15500300

- » Makes 4 different twin/triple leg pullers.
- » Supplied in metal case (p/n 15500000) or in cardboard box (p/n 15500300).
- » See page 239 for component illustrations.

Specifications

Standard Leg			
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
15500000	75 - 150	150	50 / 100
15500300	75 - 150	150	50 / 100

Contents for 15500000 and 15500300

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm



Spare Parts Part No.	Qty	Description
15262400	1	Ram Extension - 100mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm

HYDRAULIC TWIN/TRIPLE LEG PULLER KIT

15500800

- » Makes 6 different twin/triple leg pullers.
- » Supplied in metal case.
- » See page 239 for component illustrations.

Specifications

Standard Leg			
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
15500800	50 - 200	200	50 / 100

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram with Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm



Spare Parts Part No.	Qty	Description
15262400	1	Ram Extension - 100mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
15282800	3	Leg - 200mm

For all up to date current product information, new products recently introduced, and our full spare parts listings visit www.sykes-pickavant.com.

Our website has both B2B and B2C capability, so you can register, login, see stock availability and order what you need 24/7.



SCAN ME

HYDRAULIC TWIN/TRIPLE LEG PULLER KIT

15510500

- » Makes 8 different twin/triple leg pullers.
- » Supplied with metal display panel.
- » See page 240 for component illustrations.

Specifications

Standard Leg			
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
15510500	50 - 250	250	50 / 100 / 150



Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm

Spare Parts Part No.	Qty	Description
15272600	1	Ram Extension - 150mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
15282800	3	Leg - 200mm
15292900	3	Leg - 250mm (Extra Wide)

HYDRAULIC TWIN/TRIPLE LEG PULLER KIT

155100V2

- » Makes 8 different twin/triple leg pullers.
- » Supplied in metal case.
- » See page 240 for component illustrations.

Specifications

Standard Leg			
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
155100V2	50 - 250	250	50 / 100 / 150

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm

Spare Parts Part No.	Qty	Description
15272600	1	Ram Extension - 150mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
15282800	3	Leg - 200mm
15292900	3	Leg - 250mm (extra wide)



HYDRAULIC PULLERS

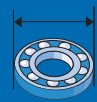
HYDRAULIC SEPARATOR KIT

For individual separators see page 196 of Mechanical section

19310000

- » Versatile tool where a long reach is required to draw a bearing from a shaft.
- » The tapered edges of the bearing separator provide all round support and can fit behind bearings where normal puller legs cannot gain access.
- » Supplied in a cardboard box.
- » See page 241 for component illustrations.
- » Kit available without ram, P/N. 19310100, see page 241 for component illustrations.

Specifications

 Part No.	 External Spread Min - Max mm	 External Reach Max mm
19310000	20 - 105	876

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15262400	1	Ram Extension - 100mm
19311200	1	Twin Beam
09510000	1	Separator 20-105mm
09311500	2	Main Rod
09311900	4	Extension Rod
09312300	2	Extension Rod 125mm

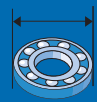
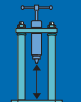


HYDRAULIC SEPARATOR KIT - HEAVY DUTY

19320000

- » Versatile tool where a long reach is required to draw a bearing from a shaft.
- » The tapered edges of the bearing separator provide all round support and can fit behind bearings where normal puller legs cannot gain access.
- » Supplied in a cardboard box.
- » See page 241 for component illustrations.
- » Kit available without ram, P/N. 19320100, see page 241 for component illustrations.

Specifications

 Part No.	 External Spread Min - Max mm	 External Reach Max mm
19320000	35 - 140	863

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15272600	1	Ram Extension - 150mm
19321200	1	Twin Beam
09520000	1	Separator 35-140mm
09321500	2	Main Rod
09321900	4	Extension Rod
09322300	2	Extension Rod 125mm



HYDRAULIC PULLER & SEPARATOR KIT

 **15520000**

- » Makes 4 different twin/triple leg pullers, plus bearing separator kit.
- » Supplied in metal case.
- » See page 240 for component illustrations.

Specifications

 Standard Leg				
 Part No.	 Puller Spread Min - Max mm	 Puller Reach Max mm	 External Spread Min - Max mm	 External Reach Max mm
15520000	50 - 150	150	20 - 105	876

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
19311200	1	Twin Beam
09510000	1	Separator 20-105mm
09311500	2	Main Rod
09311900	4	Extension Rod
09312300	2	Extension Rod 125mm



We can offer bespoke tool control solutions for all types of pullers and general tools, example below.

Simply contact customer services on 01543649900
or sale@sykes-pickavant.com



SCAN ME

 **155200TC**



HYDRAULIC PULLERS

HYDRAULIC PULLER & SEPARATOR KIT

 **15520800**

- » Makes 6 different twin/triple leg pullers, plus bearing separator kit.
- » Supplied in metal case.
- » See page 240 for component illustrations.

Specifications

 Standard Leg				
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	External Spread Min - Max mm	External Reach Max mm
15520800	50 - 200	200	20 - 105	876

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
15282800	3	Leg - 200mm
19311200	1	Twin Beam
09510000	1	Separator 20-105mm
09311500	2	Main Rod
09311900	4	Extension Rod
09312300	2	Extension Rod 125mm



HYDRAULIC PULLER & SEPARATOR KITS

- » Makes 8 different twin/triple leg pullers, plus bearing separator kit.
- » **155400V2** supplied in metal case.
- » **155405V2** supplied with metal display panel.
- » See page 240 for component illustrations.

Specifications

Standard Leg				
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	External Spread Min - Max mm	External Reach Max mm
155400V2	50 - 250	200	20 - 105	876
155405V2	50 - 250	200	20 - 105	876

Contents for 155400V2 and 155405V2

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm
15272600	1	Ram Extension - 150mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
15282800	3	Leg - 200mm
15292900	3	Leg - 250mm (Extra Wide)
19311200	1	Twin Beam
09510000	1	Separator 20-105mm
09311500	2	Main Rod
09311900	4	Extension Rod
09312300	2	Extension Rod 125mm

 **155405V2**



 **155400V2**



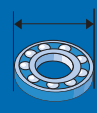
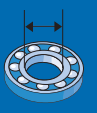
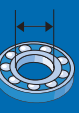
HYDRAULIC PULLERS

HYDRAULIC INTERNAL/EXTERNAL PULLER & SEPARATOR KIT

 **15600000**

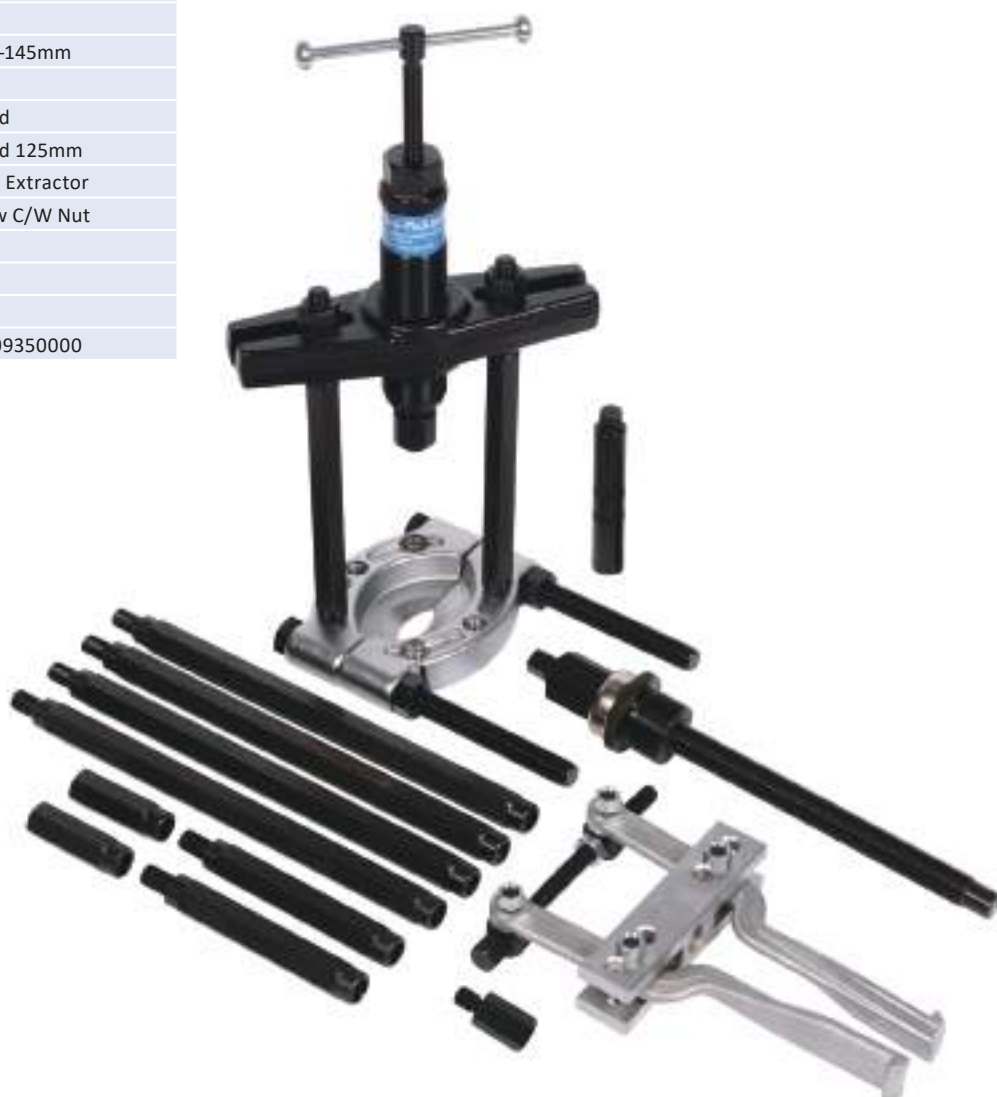
- » For removing bearings, gears etc. where access behind components is too restricted to use standard pullers.
- » Drop forged, high quality steel, heat treated for strength and durability.
- » Separators have tapered edge for insertion behind close fitting bearings, gears etc.
- » Internal puller has screw adjustable legs for positive fit.
- » Supplied in metal case.
- » See page 241 for component illustrations.

Specifications

 Part No.	 External Spread Min - Max mm	 Internal Spread Min - Max mm	 External Reach Max mm	 Internal Reach Min - Max mm
15600000	35 - 145	40 - 150	863	40 - 150

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15272600	1	Ram Extension - 150mm
19321200	1	Beam
09520000	1	Separator 35-145mm
09321500	2	Main Rod
09321900	4	Extension Rod
09322300	2	Extension Rod 125mm
09350000	1	Internal Race Extractor
09311100	1	Forcing Screw C/W Nut
09312100	1	Thrust Race
09312200	1	Convertor
09322000	2	Protector
09352070	1	Adaptor for 09350000

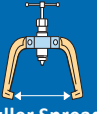
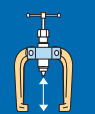
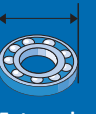
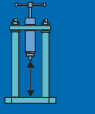


HYDRAULIC INTERNAL EXTRACTOR, PULLER & SEPARATOR KIT

155700V2

- » Makes 8 different twin/triple leg pullers, plus bearing separator kit and internal extractor kit.
- » Supplied in metal case.
- » See page 240 for component illustrations.

Specifications

 Standard Leg					
Part No.	 Puller Spread Min - Max mm	 Puller Reach Max mm	 External Spread Min - Max mm	 External Reach Max mm	 Internal Reach Min - Max mm
155700V2	20 - 200	250	20 - 105	876	40 - 150

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram with Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm
15272600	1	Ram Extension - 150mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
15282800	3	Leg - 200mm
15292900	3	Leg - 250mm (extra wide)
19311200	1	Twin Beam
09510000	1	Separator 20-105mm
09311500	2	Main Rod
09311900	4	Extension Rod
09312300	2	Extension Rod 125mm
09350000	1	Internal Race Extractor
09311100	1	Forcing Screw c/w Nut
09312100	1	Thrust Race
09312200	1	Convertor
09312000	2	Protector
09352070	1	Adaptor for 09350000



HYDRAULIC PULLERS

HYDRAULIC INTERNAL EXTRACTOR, PULLER & SEPARATOR KIT

155800V2

- » Makes 8 different twin/triple leg pullers, plus heavy duty bearing separator kit and internal extractor kit.
- » Supplied in metal case.
- » See page 240 for component illustrations.

Specifications

 Standard Leg					
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	External Spread Min - Max mm	External Reach Max mm	Internal Reach Min - Max mm
155800V2	50 - 250	250	35 - 140	863	40 - 150

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm
15272600	1	Ram Extension - 150mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
15282800	3	Leg - 200mm
15292900	3	Leg - 250mm (Extra Wide)
19321200	1	Twin Beam
09520000	1	Separator 35-145mm
09321500	2	Main Rod
09321900	4	Extension Rod
09322300	2	Extension Rod 125mm
09350000	1	Internal Race Extractor
09311100	1	Forcing Screw C/W Nut
09312100	1	Thrust Race
09312200	1	Convertor
09322000	2	Protector
09352070	1	Adaptor for 09350000



HYDRAULIC INTERNAL EXTRACTOR, PULLER & SEPARATOR KIT - MASTER SET

155900V2

- » Makes 8 different twin/triple leg pullers, plus heavy duty bearing separator kit and internal extractor kit.
- » Supplied in metal case.
- » See page 241 for component illustrations.

Specifications

 Standard Leg					
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	External Spread Min - Max mm	External Reach Max mm	Internal Reach Min - Max mm
155900V2	20 - 250	250	20 - 145	876	40 - 150

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm
15272600	1	Ram Extension - 150mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
15282800	3	Leg - 200mm
15292900	3	Leg - 250mm (Extra Wide)
19311200	1	Twin Beam
09510000	1	Separator 20-105mm
09311500	2	Main Rod
09311900	4	Extension Rod
09312300	2	Extension Rod 125mm
19321200	1	Twin Beam
09520000	1	Separator 35-145mm
09321500	2	Main Rod
09321900	4	Extension Rod
09322300	2	Extension Rod 125mm
09350000	1	Internal Race Extractor
09311100	1	Forcing Screw C/W Nut
09312100	1	Thrust Race
09312200	1	Convertor
09312000	2	Protector
09322000	2	Protector
09352070	1	Adaptor for 09350000



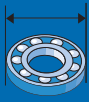
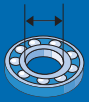
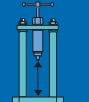
HYDRAULIC PULLERS

HYDRAULIC INTERNAL EXTRACTOR, PULLER & SEPARATOR KIT WITH SLIDE HAMMER ON PANEL

19310500

- » For removing bearings and gears where access behind components is too restricted to use standard pullers.
- » Drop forged, high quality steel, heat treated for strength and durability.
- » Extract components quickly and efficiently when conventional pullers can not be used.
- » Slide Hammer with 7 split collet internal extractors.
- » Supplied with metal display panel.
- » See page 241 for component illustrations.

Specifications

			
Part No.	External Spread Min - Max mm	Internal Reach Min - Max mm	External Reach Max mm
19310500	10 - 105	6.5 - 38	876

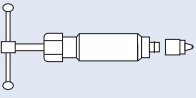
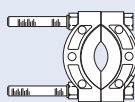
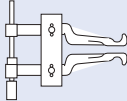
Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
19311200	1	Twin Beam
15262400	1	Ram Extension - 100mm
08601400	2	Leg 75mm - Thin Jaw
09500000	1	Separator 10-55mm
09510000	1	Separator 20-105mm
09311500	2	Main Rod
09311900	4	Extension Rod
09312300	2	Extension Rod 125mm
08542100	1	Slide Hammer
09580900	1	Split Collet Extractor 6.5 - 8mm
09581000	1	Split Collet Extractor 8.5 - 10mm
09581100	1	Split Collet Extractor 10 - 12mm
09581200	1	Split Collet Extractor 12 - 17mm
09581300	1	Split Collet Extractor 19 - 22mm
09581400	1	Split Collet Extractor 22 - 30mm
09581500	1	Split Collet Extractor 30 - 38mm
09582000	1	Adaptor
09301200	1	Twin Beam
09301500	2	Main Rod
08281100	1	Forcing Screw



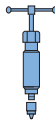
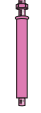
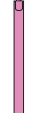
(610 x 457mm)

HYDRAULIC PULLER SPARE PARTS

HYDRAULIC PULLER COMPONENT DIMENSIONS (ACTUAL)			
Image	Description	Part No.	Dimension
	Hydraulic Ram with nose piece (Nose Piece - 15002700)	150000V2	1½" Dia. External
	Twin Head with centre nut (Centre Nut - 15241400)	15241200	1½" Dia. Internal
	Triple Head with centre nut (Centre Nut - 15241400)	15341300	1½" Dia. Internal
	Ram Extension	15242200	50mm (2")
	Ram Extension	15262400	100mm (4")
	Ram Extension	15272600	150mm (6")
	Standard Leg	15242400	165mm Long (100mm (4") Working Dimensions)
	Standard Leg	15262600	215mm Long (150mm (6") Working Dimensions)
	Wide Standard Leg	15282800	265mm Long (200mm (8") Working Dimensions)
	Wide Standard Leg	15292900	300mm Long (250mm (10") Working Dimensions)
	Leg - Thin Jaw	08611400	215mm Long (150mm (6") Working Dimensions)
	Twin Beam	18621200	290mm Long 1½" Dia. Internal
		19311200	210mm Long 1½" Dia. Internal
		19321200	290mm Long 1½" Dia. Internal
	Triple Beam	18651300	1½" Dia. Internal
	Separator	09500000	10-55mm (3/8" - 2¼")
		09510000	20-105mm (3/4" - 4¼")
		09520000	35-140mm (1¼" - 5½")
	Main Rod	09311500	254mm long (1/2" x 16 BSF)
		09321500	332mm long (5/8" x 14 BSF)
	Extension Rod	09311900	285mm long (1/2" x 16 BSF)
		09321900	272mm long (5/8" x 14 BSF)
	Extension Rod	09312300	125mm long (1/2" x 16 BSF)
		09322300	152mm long (5/8" x 14 BSF)
	Internal Race Extractor	09350000	40 - 150mm
	Forcing Screw c/w Nut	09311100	Forcing Screw c/w Nut
	Thrust Race	09312100	38mm ø
	Beam Converter	09312200	50mm ø
	Protector	09312000	63mm long (1/2" x 16 BSF)
		09322000	38mm long (5/8" x 14 BSF)
	Twin Beam	08601200	118mm long

HYDRAULIC PULLERS

HYDRAULIC 1500 SERIES - KIT CONTENTS LIST

Kit Part No.	Spare Part No.	Description	                     																				
			150000V2	15241200	15341300	15341400	15242200	15262400	15272600	15242400	15262600	15282800	15292900	08611400	08602800	08612800	19311200	18621200	08601300	18651300	09510000	09311500	09311900
Standard Pullers	15240000	1	1			1			2														
	15260000	1	1				1			2													
	15280000	1	1					1		2													
	15290000	1	1					1			2												
	15340000	1		1		1			3														
	15340500	1	1		1	1			3														
	15360000	1		1			1			3													
	15380000	1		1				1			3												
	15390000	1		1				1			3												
Thin Jaw	18610000	1										2			1								
	18625000	1						1				2		2		1							
	18635000	1						1				2		2	1								
	18640000	1				1						3					1						
	18655000	1						1				3		3				1					
Puller Kits	15405300	1	1			1	1		2	2		2		2	1								
	15490000	1	1			1	1		2	2													
	15500000	1	1		1	1	1		3	3													
	15500300	1	1		1	1	1		3	3													
	15500800	1	1		1	1	1		3	3	3												
	155100V2	1	1		1	1	1	1	3	3	3	3											
	15510500	1	1		1	1	1	1	3	3	3	3											
	15520000	1	1		1	1	1		3	3					1				1	2	4	2	
	15520800	1	1		1	1	1		3	3	3				1				1	2	4	2	
	15530500	2	1		1	1	1	1	3	3	3	3			1				1	2	4	2	
	155400V2	1	1		1	1	1	1	3	3	3	3			1				1	2	4	2	
	155405V2	1	1		1	1	1	1	3	3	3	3			1				1	2	4	2	
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	155900V2	1	1		1	1	1	1	3	3	3	3							1	2	4	2	
	15600000	1						1															
	18654400	1				1		1				3		3	1	1		1					
	18655400	1				1		1				3	3	3	1	1	1	1					
	18655500	1				1		1				3	3	3	1	1	1	1					
	19310000	1					1								1				1	2	4	2	
	19310100														1				1	2	4	2	
	19310300	1											2		1				1	2	4	2	
	19310500	1													1				1	2	4	2	
	19320000	1						1															
	19320100																						

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HYDRAULIC 1500 SERIES - KIT CONTENTS LIST

[illegible]

* Working dimensions. ** 1 only centre nut supplied with kits.

HYDRAULIC PULLER COMPONENT ILLUSTRATIONS

Ram Extensions

150mm
15272600



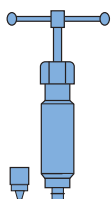
100mm
15262400



50mm
15242200



Hydraulic Ram
complete with nose piece
150000V2



Twin Head Assembly
15241200

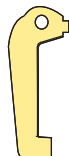


Triple Head Assembly
15341300

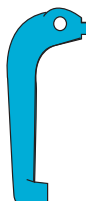


Standard Legs (Working Dimensions)

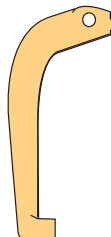
100mm (4")
15242400



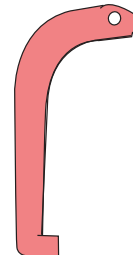
150mm (6")
15262600



200mm (8")
15282800

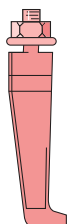


250mm (10")
15292900



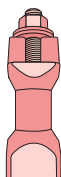
Thin Jaw Legs (Working Dimensions)

150mm (6")
08611400



Leg Extension

116mm (4.6")
08612800



Twin Beams

19321200



18621200

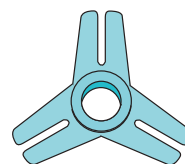


19311200

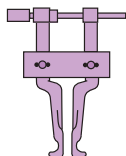


Triple Beam

18651300



Internal Race Extractor
09350000



Protectors

09322000

09312000



Rod Assemblies

09321500

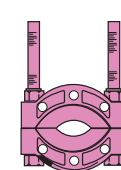
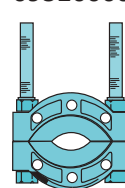
09311500



Separators

09520000

09510000



Screw
complete with thrust nut
09311100



Thrust Race
09312100



Converter
09312200



Adaptor
09352000



Rod Extensions

09311900



09312300



09321900



09322300

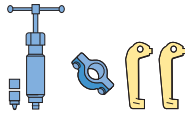


HYDRAULIC PULLER KIT - TWIN LEG -KIT BUILD

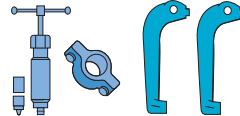
Part No. 15240000 - 15490000 (p.33 - p.34)



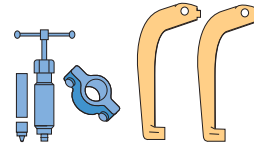
Part No. 15240000 (p.222)



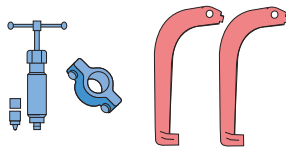
Part No. 15260000 (p.222)



Part No. 15280000 (p.222)



Part No. 15290000 (p.222)



Part No. 15490000 (p.223)

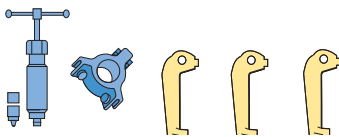


HYDRAULIC PULLER KIT - TRIPLE LEG -KIT BUILD

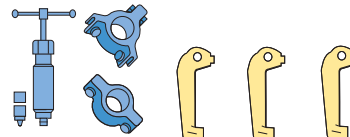
Part No. 15340000 - 15380000 (p.222 - p.223)



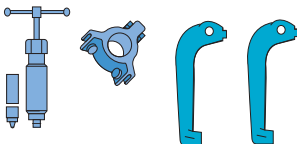
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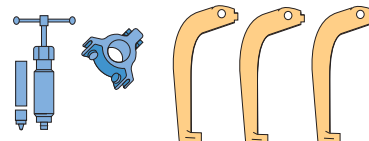
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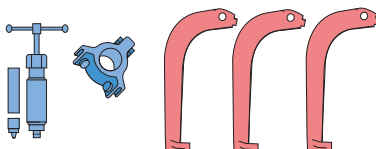
Part No. 15360000 (p.222)



Part No. 15380000 (p.222)



Part No. 15390000 (p.222)



HYDRAULIC PULLER KIT - TWIN/TRIPLE LEG -KIT BUILD

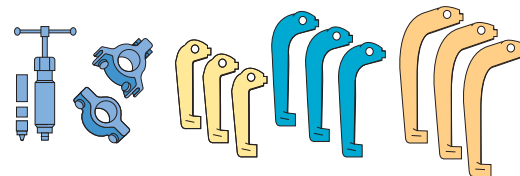
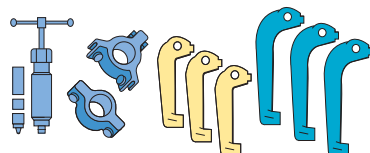
Part No. 15500300
(p.224)



Part No. 15500800 (p.224)



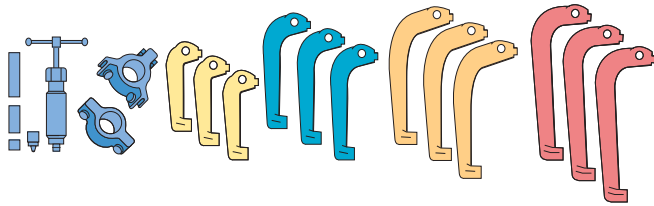
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(p.224)



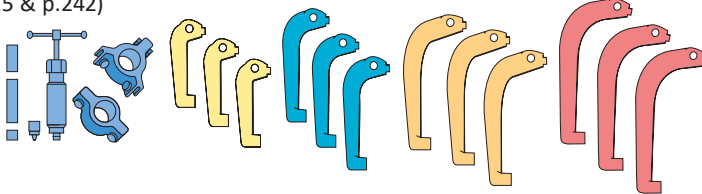
HYDRAULIC PULLERS

HYDRAULIC PULLER KITS - TWIN/TRIPLE LEG - KIT BUILD

Part No. 155100V2 (p.225)

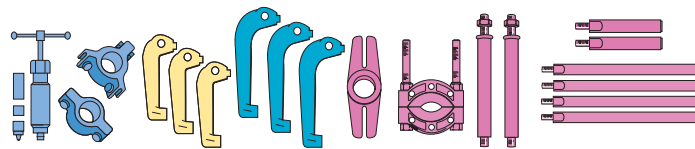


Part No. 15510500 (p.225 & p.242)

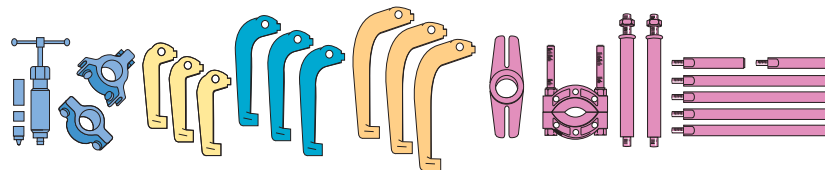


TWIN/TRIPLE LEG PULLER/SEPARATOR KITS - KIT BUILD

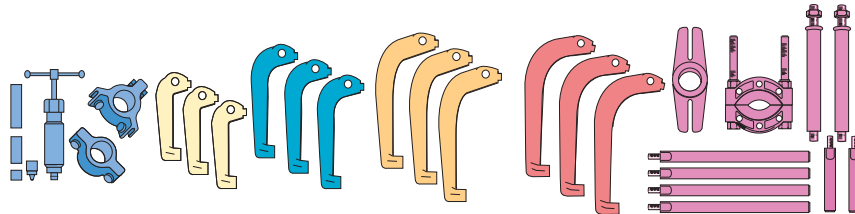
Part No. 15520000 (p.227)



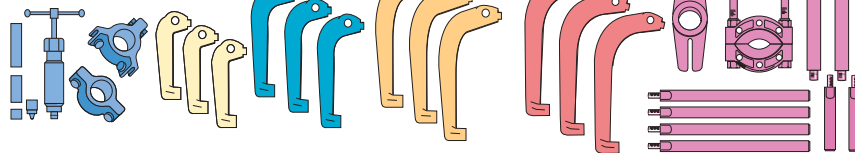
Part No. 15520800 (p.228)



Part No. 155400V2 (p.229)

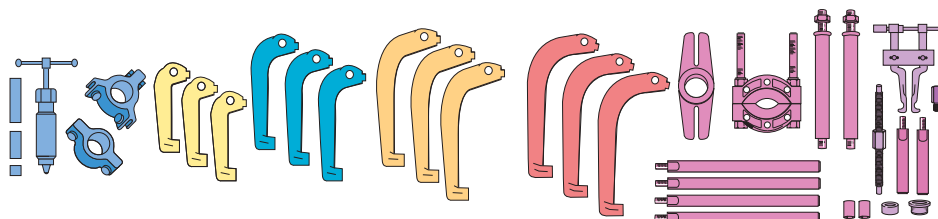


Part No. 155405V2 (p.229 & p.243)

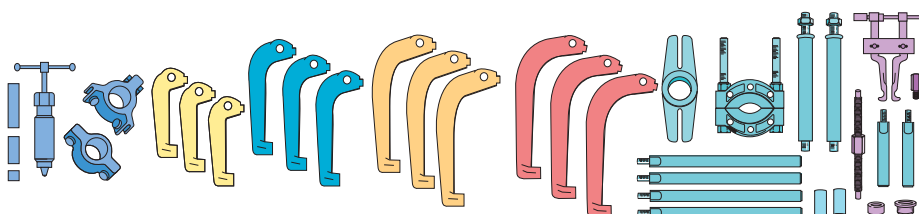


INTERNAL/EXTERNAL PULLER/SEPARATOR KITS - KIT BUILD

Part No. 155700V2 (p.231)

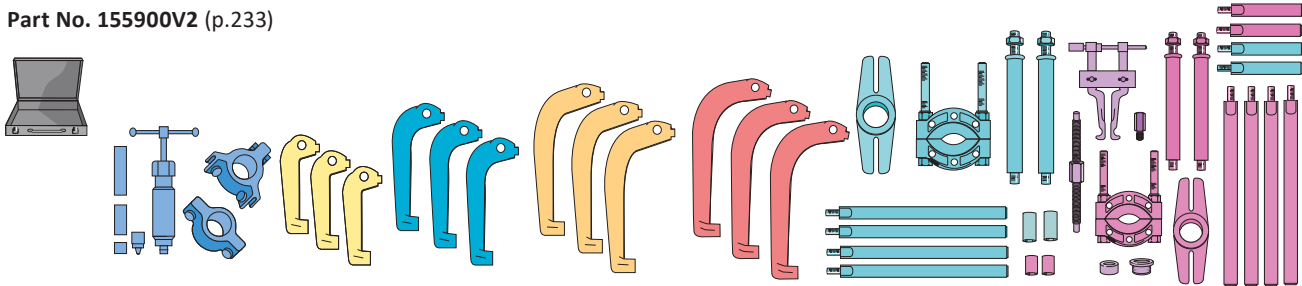


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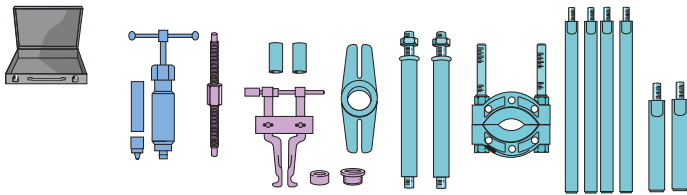


INTERNAL/EXTERNAL PULLER/SEPARATOR KITS - KIT BUILD

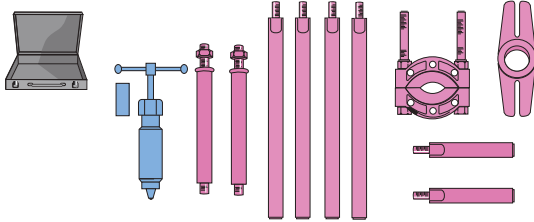
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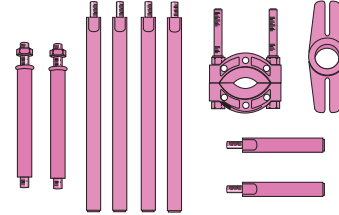
Part No. 15600000 (p.230)



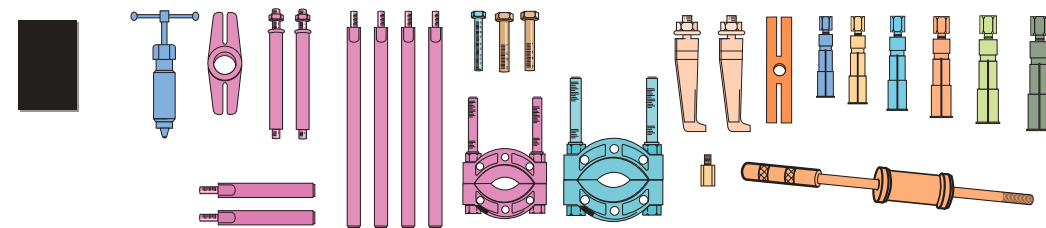
Part No. 19310000 (p.226)



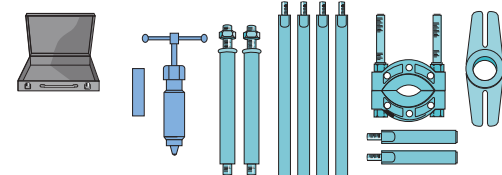
Part No. 19310100 (p.226)



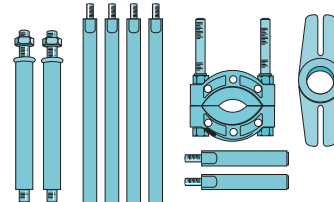
Part No. 19310500 (p.234 & p.242)



Part No. 19320000 (p.226)



Part No. 19320100 (p.226)



HYDRAULIC PULLERS

PULLER DISPLAY BOARDS

- » For storage/display.
- » Powder coated metal board with vinyl overlay.
- » Panels and hooks are available separately.
- » See page 240 for component illustrations.

HYDRAULIC PULLER KIT

 **15510500**

Contents

Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm
15272600	1	Ram Extension - 150mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
15282800	3	Leg - 200mm
15292900	3	Leg - 250mm
15512800	1	Metal Display Panel 610mm X 457mm
15512900	1	Hook Kit



HYDRAULIC INTERNAL EXTRACTOR PULLER & SEPARATOR KIT

WITH SLIDE HAMMER

- » See page 240 for component illustrations.

 **19310500**

Contents

Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
19311200	1	Twin Beam
15262400	1	Ram Extension - 100mm
08601400	2	Leg 75mm - Thin Jaw
09500000	1	Separator 10-55mm
09510000	1	Separator 20-105mm
09311500	2	Main Rod
09311900	4	Extension Rod
09312300	2	Extension Rod 125mm
08542100	1	Slide Hammer
09580900	1	Split Collet Extractor 6.5 - 8mm
09581000	1	Split Collet Extractor 8.5 - 10mm
09581100	1	Split Collet Extractor 10 - 12mm
09581200	1	Split Collet Extractor 12 - 17mm
09581300	1	Split Collet Extractor 19 - 22mm
09581400	1	Split Collet Extractor 22 - 30mm
09581500	1	Split Collet Extractor 30 - 38mm
09582000	1	Adaptor
09400000	1	Pulling Unit
15512800	1	Metal Display Panel 610mm X 457mm
19312900	1	Hook Kit



HYDRAULIC PULLER & SEPARATOR KIT

155405V2

Contents for 155400V2 and 155405V2

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15241200	1	Twin Head
15341300	1	Triple Head
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm
15272600	1	Ram Extension - 150mm
15242400	3	Leg - 100mm
15262600	3	Leg - 150mm
15282800	3	Leg - 200mm
15292900	3	Leg - 250mm (Extra Wide)
19311200	1	Twin Beam
09510000	1	Separator 20-105mm
09311500	2	Main Rod
09311900	4	Extension Rod
09312300	2	Extension Rod 125mm
1554280	1	Metal Panel
15542900	1	Hook Kit



COMPREHENSIVE HYDRAULIC PULLER/SEPARATOR/EXTRACTOR KIT

15530500

- » Combines p/n 15510500 and 19310500 (opposite) to make the most comprehensive set of pulling, separating and extracting options available.
- » Ideal workshop set for applications where a wide variety of pulling and extracting problems are likely to be encountered on daily basis.
- » Supplied on 2 x metal display panels for ease of use and access.
- » Refer to the contents lists opposite.
- » See pages 240-241 for component illustrations.



15510500



19310500



THIN JAW PULLERS

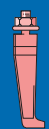
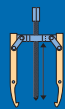


THIN JAW PULLERS

TWIN LEG MECHANICAL PULLERS

- » Two legs for removing gears, races, bearings and sprockets.
- » Automotive and industrial applications.
- » Drop forged steel legs, beam and jaws.
- » Heat treated for strength and durability.
- » Can be upgraded for triple leg pulling.
- » Supplied in cardboard box.
- » See page 253 for kit contents.
- » See page 256 for component illustrations.

Specifications

Leg Style: Thin Jaw		 Part No.	 Spread Min - Max mm	 Reach Max mm
Thin jaws enable access where clearance behind components is limited		08600000	0 - 75	80
		08607000	0 - 75	130
		08610000	0 - 150	150
		08625000	0 - 225	225
		08635000	0 - 150	225



Thin Jaw Leg

Manufactured to the same high specifications as the standard leg and using the same materials, but designed for use where clearance is limited.



 08635000

 08607000

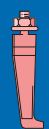
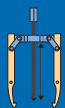


 08625000

TRIPLE LEG MECHANICAL PULLERS

- » Three legs for removing gears, races, bearings and sprockets.
- » Different leg styles available - see table below.
- » Automotive and industrial applications.
- » Drop forged steel legs, beam and jaws.
- » Heat treated for strength and durability.
- » Supplied in cardboard box.
- » See page 253 for kit contents.
- » See page 256 for component illustrations.

Specifications

Leg Style: Thin Jaw		 Part No.	 Spread Min - Max mm	 Reach Max mm
Thin jaws enable access where clearance behind components is limited		08601000	0 - 75	80
		08608000	0 - 75	130
		08640000	0 - 150	150
		08655000	0 - 150	225



 08608000



 08640000

TWIN/TRIPLE JAW MECHANICAL PULLER KIT

08605300

- » Makes 4 mechanical pullers
- » Thin jaws enable access where clearance behind components is limited.
- » Supplied in cardboard box.
- » See page 256 for component illustrations.

Specifications

Part No.	Spread Max mm	Reach Max mm	No. of Puller Combinations
08605300	75	130	4

Contents

Spare Parts Part No.	Qty	Description
08271100	1	Forcing Screw
08601200	1	Twin Beam
08601300	1	Triple Beam
08601400	3	Leg 75mm - Thin Jaw
08601600	1	Extension
08602800	3	Thin Jaw Extension Set - 48mm



THIN JAW MECHANICAL PULLER KIT

08654500

- » Contains components to make up 7 thin jaw leg pullers.
- » Thin jaws enable access where clearance behind components is limited.
- » Select either metal case or display panel.
- » See page 256 for component illustrations.
- » Display panel has space to add additional components;
 - 08601400 - 75mm Thin Jaw Leg x 1
 - 08601300 - Triple Beam x 1
 - 08602800 - 48mm Thin Jaw Extension Set x 3

Specifications

Part No.	Spread mm	Reach Max mm	Packaging
08654400	10 - 225	225	Metal Case
08654500	10 - 225	225	Metal Display Panel

Contents

Spare Parts Part No.	Qty	Description
08611100	1	Forcing Screw
08291100	1	Forcing Screw
08600000	1	Puller - Thin Jaw
08611200	1	Twin Beam
08621200	1	Twin Beam
08651300	1	Triple Beam
08611400	3	Leg 150mm - Thin Jaw
08612800	3	Thin Jaw Extension Set - 75mm



THIN JAW PULLERS

THIN JAW MECHANICAL PULLERS KIT

08655500

- » Contains components to make up 10 thin jaw leg pullers.
- » Thin jaws enable access where clearance behind components is limited.
- » Select either metal case or display panel.
- » See page 256 for component illustrations.

Specifications

Part No.	Spread mm	Reach Max mm	Packaging
08655400	10 - 225	225	Metal Case
08655500	10 - 225	225	Metal Display Panel

Contents

Spare Parts Part No.	Qty	Description
08611100	1	Forcing Screw
08291100	1	Forcing Screw
08600000	1	Puller - Thin Jaw
08611200	1	Twin Beam
08621200	1	Twin Beam
08651300	1	Triple Beam
08611400	3	Leg 150mm - Thin Jaw
08602800	3	Thin Jaw Extension Set - 48mm
08601300	1	Triple Beam
08601400	1	Leg 75mm - Thin Jaw
08612800	3	Thin Jaw Extension Set - 75mm



MULTI PULLER PACK

09400300

- » Makes 5 different mechanical puller/separator combinations.
- » Consists of a thin jaw puller, reversible leg puller and separator and is an ideal combination for light applications.
- » Supplied in cardboard box.
- » See page 256 for component illustrations.

Specifications

Part No.	Spread Max mm	Reach Max mm	External Spread Min - Max mm
09400300	140	89	10 - 55

Contents

Spare Parts Part No.	Qty	Description
08281100	1	Forcing Screw
08601400	2	Leg 75mm - Thin Jaw
09301200	1	Twin Beam
09301500	2	Main Rod
66036100	1	Forcing Screw

Contents

Spare Parts Part No.	Qty	Description
09500000	1	Separator 10-55mm
08272300	1	Twin/Triple Head
08272400	3	Leg - Double Ended Reversible



THIN JAW MECHANICAL PULLER & SEPARATOR KIT

09305300

- » Small capacity puller & separator pack.
- » Thin jaws enable access where clearance behind component is limited.
- » Supplied in cardboard box.
- » See page 256 for component illustrations.

Specifications

Part No.	Spread Max mm	Reach Max mm	External Spread Max mm
09305300	75	125	55

Contents

Spare Parts Part No.	Qty	Description
08230000	1	Puller Gold
08601400	2	Leg 75mm - Thin Jaw
08281100	1	Forcing Screw
09301200	1	Twin Beam
09301500	2	Main Rod
09500000	1	Separator 10-55mm
08602800	2	Thin Jaw Extension Set - 48mm



THIN JAW MECHANICAL PULLER & SEPARATOR KIT

09300500

- » Pulling unit with small capacity separator and thin jaw legs will remove bearings inaccessible to standard puller jaws.
- » Supplied in cardboard box.
- » See page 256 for component illustrations.

Specifications & Contents

Part No.	Spread Max mm	Reach Max mm	External Spread Max mm
09300500	75	75	55

Contents

Spare Parts Part No.	Qty	Description
08281100	1	Forcing Screw
08601400	2	Leg 75mm - Thin Jaw
09301200	1	Beam Twin
09301500	2	Main Rod
09500000	1	Separator 10-55mm



THIN JAW PULLERS

TWIN LEG HYDRAULIC PULLERS

- » Removes gears, bearings, pulleys and sprockets.
- » Wide range of automotive and industrial applications.
- » Powered by 1500 series hydraulic ram.
- » Safe and easy to use.
- » 8 tonnes of force with minimum effort.
- » Easy to adjust.
- » Non-twisting for improved stability.
- » Supplied with nose piece for use on centred shafts.
- » See page 253 for kit contents.
- » See page 257 for component illustrations.

Specifications

 Thin Jaw Leg			
Part No.	Puller Spread mm	Puller Reach Max mm	Ram Extension mm
18610000	50 - 150	150	50
18635000	50 - 150	225	150
18625000	50 - 225	225	150

Thin Jaw Leg

Manufactured to the same high specifications as the standard leg and using the same materials, but designed for use where clearance is limited.



TWIN LEG HYDRAULIC PULLERS

- » Removes gears, bearings, pulleys and sprockets.
- » Wide range of automotive and industrial applications.
- » Powered by 1500 series hydraulic ram.
- » Safe and easy to use.
- » 8 tonnes of force with minimum effort.
- » Easy to adjust.
- » Non-twisting for improved stability.
- » Supplied with nose piece for use on centred shafts.
- » See page 253 for kit contents.
- » See page 257 for component illustrations.

Specifications

 Thin Jaw Leg			
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
18640000	50 - 150	150	50
18655000	50 - 150	225	150



HYDRAULIC TWIN/TRIPLE LEG PULLER KITS

18654500

- » Makes 6 different hydraulic and 1 mechanical thin jaw puller.
- » Supplied in metal case (p/n **18654400**) or on metal display panel (p/n **18654500**).
- » See page 257 for component illustrations.
- » Display panel has space to add additional components;
 - 08601400 - 75mm Thin Jaw Leg x 1
 - 08601300 - Triple Beam x 1
 - 08602800 - 48mm Thin Jaw Extension Set x 3

Specifications for 18654400 and 18654500

Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
18654400 & 18654500	10 - 225	225	50 / 150



Contents for 18654400 and 18654500

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15242200	1	Ram Extension - 50mm
15272600	1	Ram Extension - 150mm
08601200	1	Twin Beam
18621200	1	Twin Beam
18651300	1	Triple Beam

Spare Parts Part No.	Qty	Description
19311200	1	Twin Beam
08601400	2	Leg 75mm - Thin Jaw
08271100	1	Forcing Screw 12 X 1.75 X 150mm
08611400	3	Leg 150mm - Thin Jaw
08612800	3	Thin Jaw Extension Set - 75mm

HYDRAULIC TWIN/TRIPLE LEG PULLER KITS

18655500

- » Makes 6 different hydraulic and 4 mechanical thin jaw puller.
- » Supplied in metal case (p/n **18655400**) or on metal display panel (p/n **18655500**).
- » See page 257 for component illustrations.

Specifications for 18655400 and 18655500

Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
18655400 & 18655500	10 - 225	225	50 / 150



Contents for 18655400 and 18655500

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15242200	1	Ram Extension - 50mm
15272600	1	Ram Extension - 150mm
08601200	1	Twin Beam
18621200	1	Twin Beam
18651300	1	Triple Beam
19311200	1	Twin Beam

Spare Parts Part No.	Qty	Description
08601400	3	Leg 75mm - Thin Jaw
08271100	1	Forcing Screw 12 X 1.75 X 150mm
08611400	3	Leg 150mm - Thin Jaw
08612800	3	Thin Jaw Extension Set - 75mm
08601300	1	Triple Beam
08602800	3	Thin Jaw Extension Set - 48mm

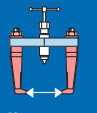
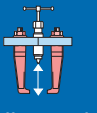
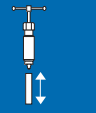
THIN JAW PULLERS

HYDRAULIC COMBINATION TWIN LEG PULLER KIT

15405300

- » Makes 4 different hydraulic pullers.
- » Combination of standard and thin jaw leg pullers.
- » See page 257 for component illustrations.

Specifications

			
Part No.	Puller Spread Min - Max mm	Puller Reach Max mm	Ram Extension mm
15405300	50 - 150	255	50 / 100

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
15262600	2	Leg 150mm
08611400	2	Leg 150mm - Thin Jaw
15242400	2	Leg 100mm
19311200	1	Twin Beam
15242200	1	Ram Extension - 50mm
15262400	1	Ram Extension - 100mm
15241200	1	Twin Head Assembly
08612800	2	Thin Jaw Extension Set - 75mm

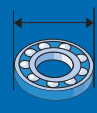
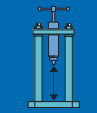
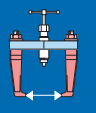
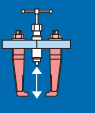


HYDRAULIC PULLER & SEPARATOR KIT - THIN JAW

19310300

- » Combination pack consisting of a hydraulic thin jaw puller and bearing separator.
- » Also available without hydraulic ram as kit 19310400.
- » Supplied in cardboard box.
- » See page 257 for component illustrations.
- » Also available without ram, P/N 19310400, see page 257 for component illustrations.

Specifications

				
Part No.	External Spread Min - Max mm	External Reach Max mm	Puller Spread Min - Max mm	Puller Reach Max mm
19310300	20 - 105	876	50 - 150	150

Contents

Spare Parts Part No.	Qty	Description
150000V2	1	Hydraulic Ram With Nose Piece
08611400	2	Leg 150mm - Thin Jaw
19311200	1	Twin Beam
09510000	1	Separator 20-105mm
09311500	2	Main Rod
09311900	4	Extension Rod
09312300	2	Extension Rod 125mm



MECHANICAL THIN JAW KIT CONTENTS

Part No.	Description	08600000	08601000	08605300	08607000	08608000	08610000	08625000	08635000	08640000	08654400	08654500	08655000	08655400	08655500	09400300	09305300	09300500
08230000	Puller Gold Std	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
08271100	Forcing Screw	1	1	1	1	1	-	-	-	-	1	1	-	1	1	-	-	-
08272300	Twin/Triple	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
08272400	Leg - Double Ended Reversible	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
08281100	Forcing Screw	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
08291100	Forcing Screw	-	-	-	-	-	-	1	1	-	1	1	1	1	1	-	-	-
08601200	Twin Beam	1	-	1	1	-	-	-	-	-	1	1	-	1	1	-	-	-
08601300	Triple Beam	-	1	1	-	1	-	-	-	-	-	-	-	1	1	-	-	-
08601400	Leg 75mm - Thin Jaw	2	3	3	2	3	-	-	-	-	2	2	-	3	3	2	2	2
08601600	Extension	-	-	1	1	1	-	-	-	-	-	-	-	1	1	-	-	-
08602800	Thin Jaw Extension Set - 48mm	-	-	3	2	3	-	-	-	-	-	-	-	3	3	-	2	-
08611100	Forcing Screw	-	-	-	-	-	1	-	-	1	1	1	-	1	1	-	-	-
08611200	Twin Beam	-	-	-	-	-	1	-	1	-	1	1	-	1	1	-	-	-
08621200	Twin Beam	-	-	-	-	-	-	1	-	-	1	1	-	1	1	-	-	-
08651300	Triple Beam	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-
08611400	Leg 150mm - Thin Jaw	-	-	-	-	-	2	2	2	3	3	3	3	3	3	-	-	-
08612800	Thin Jaw Extension Set - 75mm	-	-	-	-	-	-	2	2	-	3	3	3	3	3	-	-	-
09301200	Twin Beam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
09301500	Main Rod	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2
09500000	Separator 10-55mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
66036100	Forcing Screw	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-

HYDRAULIC THIN JAW KIT CONTENTS

Part No.	Description	15405300	18610000	18635000	18625000	18640000	18655000	18654400	18654500	18655400	18655500	19310300	19310400
08271100	Forcing Screw	-	-	-	-	-	-	1	1	1	1	-	-
08601200	Twin Beam	-	-	-	-	-	-	1	1	1	1	-	-
08601300	Triple Beam	-	-	-	-	-	-	-	-	1	1	-	-
08601400	Leg 75mm - Thin Jaw	-	-	-	-	-	-	2	2	3	3	-	-
08601600	Extension	-	-	-	-	-	-	-	-	1	1	-	-
08602800	Thin Jaw Extension Set - 48mm	-	-	-	-	-	-	-	-	3	3	-	-
08611400	Leg 150mm - Thin Jaw	2	2	2	2	3	3	3	3	3	3	2	2
08612800	Thin Jaw Extension Set - 75mm	2	-	2	2	-	3	3	3	3	3	-	-
09311500	Main Rod - 254mm	-	-	-	-	-	-	-	-	-	-	2	2
09311900	Extension Rod - 285mm	-	-	-	-	-	-	-	-	-	-	4	4
09312300	Extension Rod - 125mm	-	-	-	-	-	-	-	-	-	-	2	2
09510000	Separator 20 - 105mm	-	-	-	-	-	-	-	-	-	-	1	1
150000V2	Hydraulic Ram With Nose Piece and 50mm Ram Extension	1	1	1	1	1	1	1	1	1	1	1	-
15241200	Twin Head Assembly	1	-	-	-	-	-	-	-	-	-	-	-
15242400	Leg 100mm	2	-	-	-	-	-	-	-	-	-	-	-
15262400	Ram Extension - 100mm	1	-	-	-	-	-	-	-	-	-	-	-
15262600	Leg 150mm	2	-	-	-	-	-	-	-	-	-	-	-
15272600	Ram Extension - 150mm	-	-	1	1	-	1	1	1	1	1	-	-
18621200	Twin Beam	-	-	-	1	-	-	1	1	1	1	-	-
18651300	Triple Beam	-	-	-	-	1	1	1	1	1	1	-	-
19311200	Twin Beam	1	1	1	-	-	-	1	1	1	1	1	1

MECHANICAL PULLER KIT BUILD

Forcing Screws

08271100 08281100 08291100



08611100 66036100



Extension 08601600

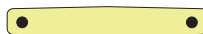


Twin Heads

08271200



08281200

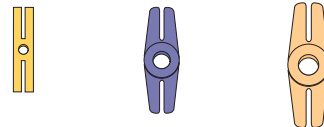


08291200

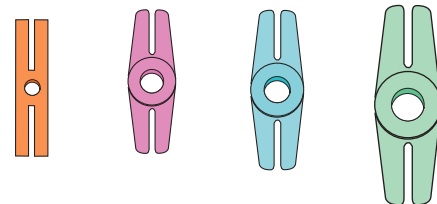


Twin Beams

08601200 08611200 08621200

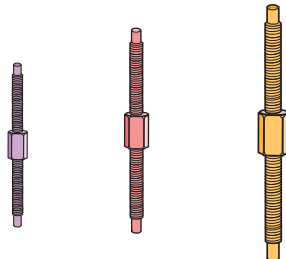


09301200 09311200 09321200 09331200



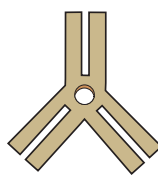
Screws Complete with Thrust Nut

09311100 09321100 09331100

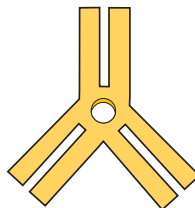


Triple Beams

08601300

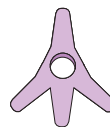


08651300

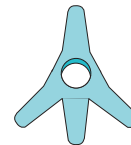


Triple Heads

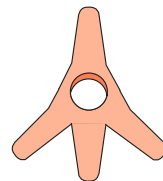
08272300



08282300

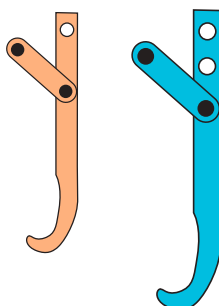


08292300



Standard Adjustable Leg Assemblies

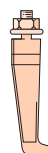
08291400 08331400



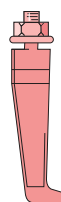
Thin Jaw Leg Assemblies (Working Dimensions)

Leg Extensions

75mm
08601400



150mm
08611400



116mm
08612800

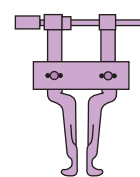


74mm
08602800



Internal Race Extractors

09350000

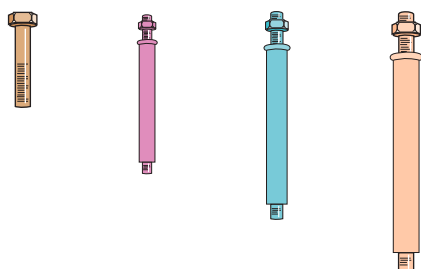


Adaptor 09352000



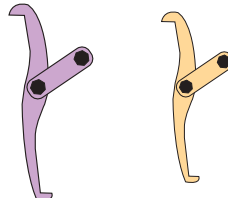
Rod Assemblies

09301500 09311500 09321500 09331500



Double Ended Reversible Leg Assemblies

08282400 08271400



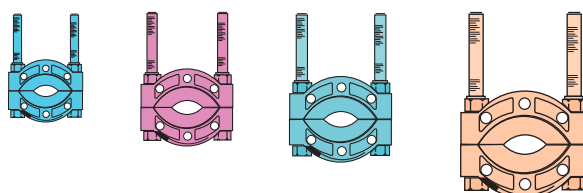
Thrust Races

09312100 09322100 09332100

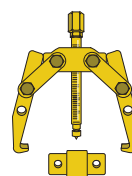


Separators

09500000 09510000 09520000 09530000



Gold Twin/Triple Leg Puller 08230000



Rod Extensions

09312300



09322300



09311900



09321900



09331900



HYDRAULIC PULLER KIT BUILD

Ram Extensions

150mm
15272600



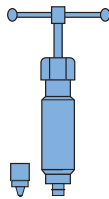
100mm
15262400



50mm
15242200



Hydraulic Ram
complete with nose piece
150000V2



Twin Head Assembly
15241200

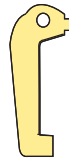


Triple Head Assembly
15341300

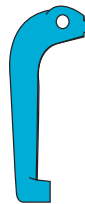


Standard Legs (Working Dimensions)

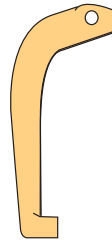
100mm (4")
15242400



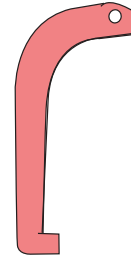
150mm (6")
15262600



200mm (8")
15282800

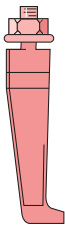


250mm (10")
15292900

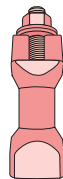


Thin Jaw Legs [Working Dimensions]

150mm (6")
08611400



Leg Extension
116mm (4.6")
08612800

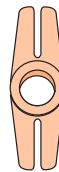


Twin Beams

19321200



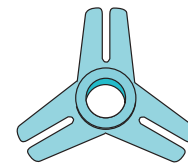
18621200



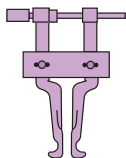
19311200



Triple Beam
18651300



Internal Race Extractor
09350000



Protectors

09322000

09312000



Rod Assemblies

09321500

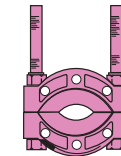
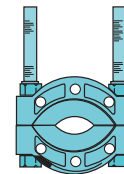
09311500



Separators

09520000

09510000



Screw
complete with thrust nut
09311100



Thrust Race
09312100



Converter
09312200



Adaptor
09352000



Rod Extensions

09311900



09312300



09321900



09322300



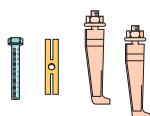
THIN JAW PULLERS

MECHANICAL PULLER KIT BUILD

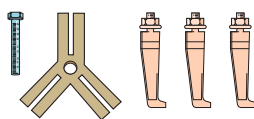
Part No. 08600000 - 08655000 (p.246 - p.247)



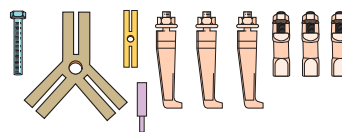
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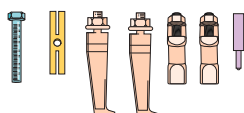
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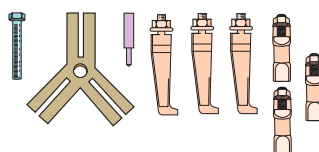
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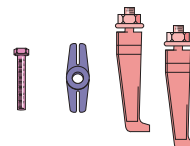
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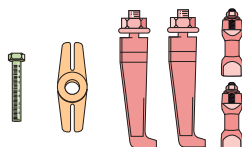
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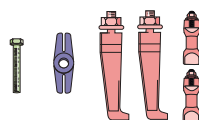
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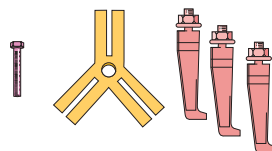
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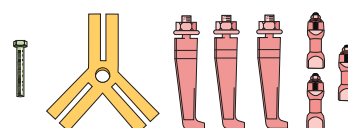
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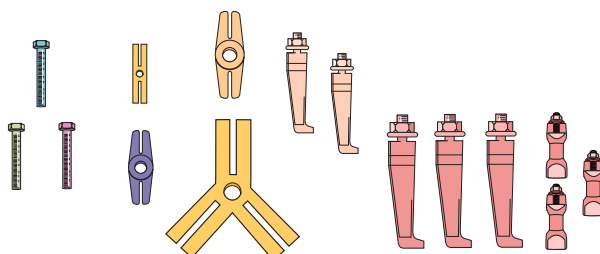
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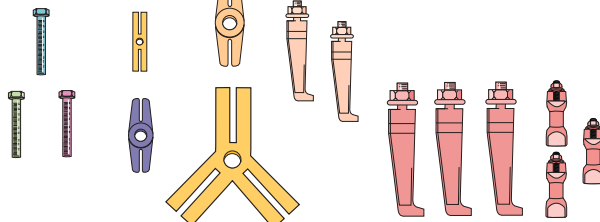
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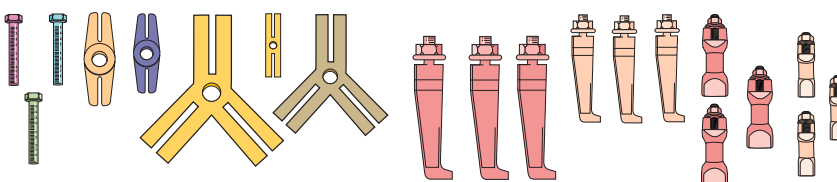
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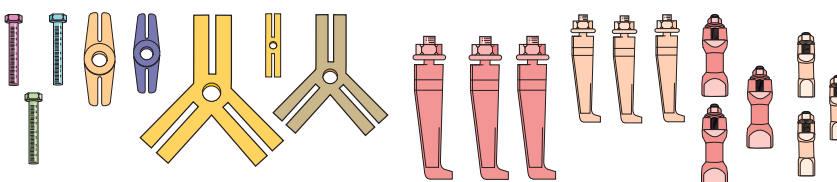
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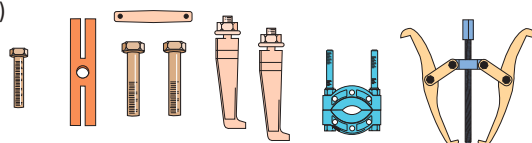
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Part No. 08655500 (p.248)

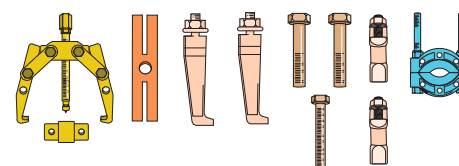
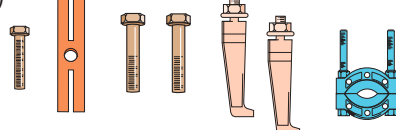


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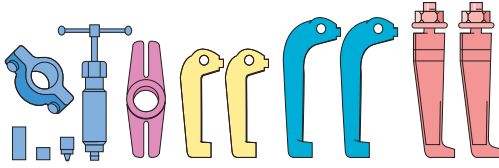
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Part No. 09300500 (p.249)



HYDRAULIC PULLER KIT BUILD

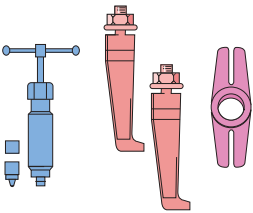
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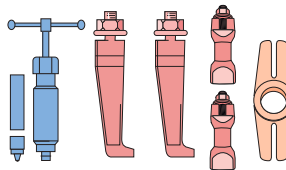
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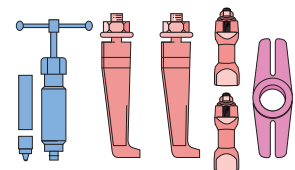
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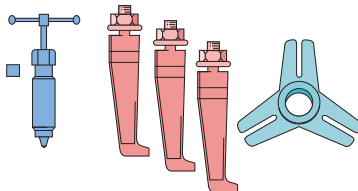
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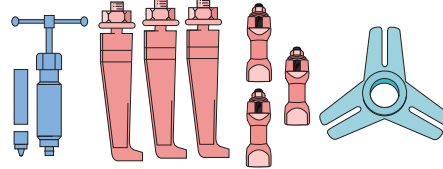
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Part No. 18640000 (p.250)



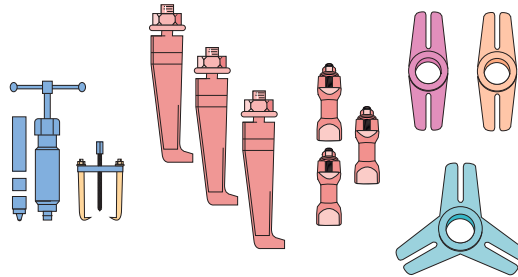
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Part No. 18654400 (p.251)



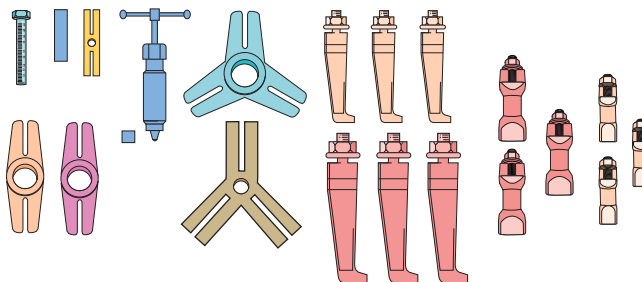
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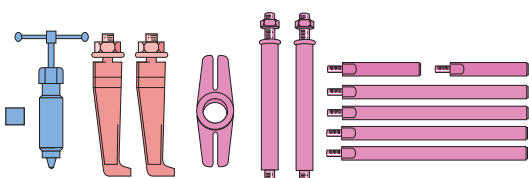
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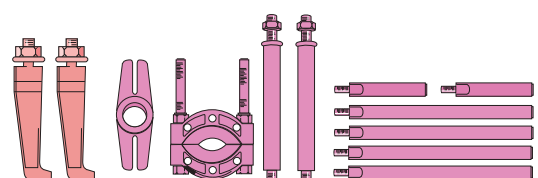
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Part No. 19310300 (p.252)

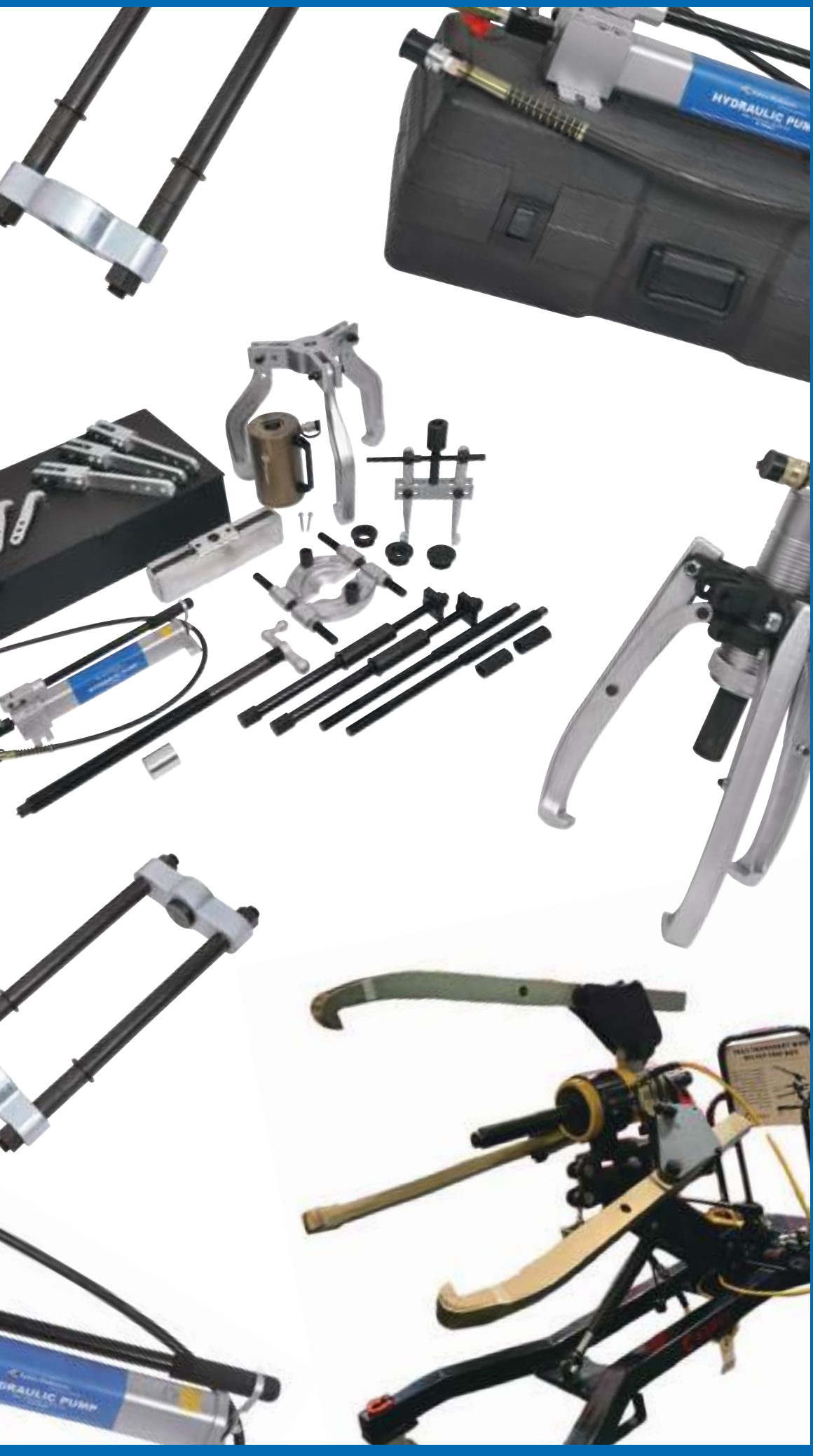


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LOADSTAR PULLERS

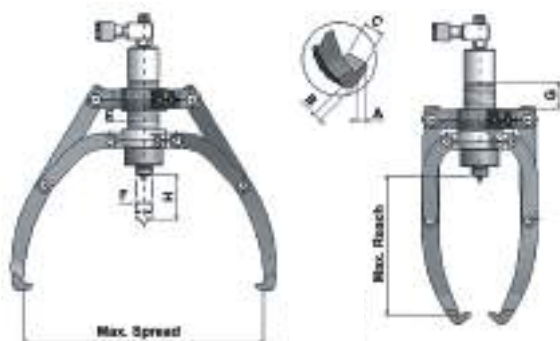


LOADSTAR

Sykes-Pickavant.

LOADSTAR PULLERS

- » Self-centering, self-locking puller legs so grip increases as load increases.
- » Easy one man operation.
- » 2 and 3 way options.
- » 360 degree swivel hose coupling for optimum access.
- » Lightweight aluminium hydraulic pump included.
- » Selection of ram extension rods supplied to increase stroke.
- » In-built safety valve to prevent overloading.



LOADSTAR PULLERS 8 TONNE

20100800

- » 8T Hydraulic Ram and Pump.
- » Selection of 3 ram extension rods supplied to increase stroke.
- » Spread 450mm.
- » Reach 280mm.
- » Puller supplied in sturdy plastic storage case.
- » Pump supplied in steel storage case.
- » See opposite for specifications.
- » See Page 269 for Hydraulic Pump Assembly spare parts.



Contents

Part No.	Qty	Description
20017000	1	Hydraulic Pump Assembly
21720000	1	High Pressure Hose 1.8m Long
21790000	1	Gauge & Gauge Block
20100810	1	Hydraulic Ram
20100814	1	Leg Assembly
20100812	1	Head Assembly - Upper
20100813	1	Head Assembly - Lower
20100820	1	Ram Extension Set (3 piece)

LOADSTAR PULLER 12 TONNE

20101200

- » 12T Hydraulic Ram and Pump.
- » Selection of 4 ram extension rods supplied to increase stroke.
- » Spread 485mm.
- » Reach 305mm.
- » Puller supplied in sturdy plastic storage case.
- » Pump supplied in steel storage case.
- » See below for specifications.
- » See Page 269 for Hydraulic Pump Assembly spare parts.

Contents

Part No.	Qty	Description
20017000	1	Hydraulic Pump Assembly
21720000	1	High Pressure Hose 1.8m Long
21790000	1	Gauge & Gauge Block
20101210	1	Hydraulic Ram
20101214	1	Leg Assembly
20101212	1	Head Assembly - Upper
20101213	1	Head Assembly - Lower
20101220	1	Ram Extension Set (4 piece)



LOADSTAR PULLER 20 TONNE

20102000

- » 20T Hydraulic Ram and Pump.
- » Puller and pump supplied in steel storage case.
- » Selection of 4 ram extension rods supplied to increase stroke.
- » Spread 570mm.
- » Reach 365mm.
- » See below for specifications.
- » See Page 269 for Hydraulic Pump Assembly spare parts.

Contents

Part No.	Qty	Description
20017000	1	Hydraulic Pump Assembly
21720000	1	High Pressure Hose 1.8m Long
21790000	1	Gauge & Gauge Block
20102010	1	Hydraulic Ram
20102014	1	Leg Assembly
20102012	1	Head Assembly - Upper
20102013	1	Head Assembly - Lower
20102020	1	Ram Extension Set (4 piece)



Loadstar Pullers - Specifications

Part No.	Puller Spread Max mm	Puller Reach Max mm	Capacity Tonnes	Stroke mm H	Ram Dia mm E	Nose Dia. mm F	Travel mm G	Jaw Tip mm A	Jaw Tip mm B	Jaw Tip mm C	Weight kg
20100800	450	280	8	85	50	25	70	13	13	27.5	26
20101200	485	305	12	85	60	28	70	15	16.5	29	36
20102000	570	365	20	111	80	40	62	20	27	33	66

LOADSTAR PLUS PULLERS

- » Loadstar Plus Heavy Duty Pullers offer a comprehensive range of pulling and extracting options.
- » **Available in 20 Tonne, 30 Tonne, 50 Tonne and 100 Tonne.**
- » Choices range from fully equipped "Comprehensive Kits" or entry level puller kits with the capability to add on extra packs as required.
- » These extra packs consist of Separator packs, Accessory Packs and in the 20 Tonne version there is also a Press Frame pack available.
- » The Loadstar Plus series is a versatile system with a range of options to suit all heavy duty pulling and extraction situations.

LOADSTAR 'PLUS' PULLERS- 20 TONNE KITS

20 TONNE LOADSTAR 'PLUS' ENTRY LEVEL KIT

20200000

- » 20T Hydraulic Cylinder and Pump.
- » 3 pulling combinations.
- » Supplied in steel storage case.
- » 3 x Cranked legs.
- » 3 x Straight legs
- » 3 x Leg extensions.
- » Spread 530mm.
- » Reach 760mm.
- » See page 264 for kit contents.
- » See page 269 for specifications and Hydraulic Pump Assembly spare parts.



20 TONNE LOADSTAR 'PLUS' ENTRY LEVEL KIT (MINUS PUMP)

20201000

- » 20T Hydraulic Cylinder.
- » Capability as above for those customers who already have a suitable hydraulic pump (10,000 psi) with standard 3/4" hydraulic quick coupler.
- » Supplied in steel storage case.
- » 3 x Cranked legs.
- » 3 x Straight legs.
- » 3 x Leg extensions.
- » Spread 530mm.
- » Reach 760mm.
- » See page 264 for kit contents.
- » See page 269 for specifications.



20 TONNE LOADSTAR 'PLUS' ENTRY SEPARATOR ADD-ON PACK

20202000

- » Provides all additional components to add bearing separator capability to the entry level kit without any duplication of parts.
- » Supplied in steel storage case.
- » See page 264 for kit contents.
- » See page 269 for specifications.



20 TONNE LOADSTAR 'PLUS' ACCESSORIES ADD-ON PACK

20203000

- » Provides a range of accessories which increase the capability of the entry level kit (with or without the Separator Add-On pack).
- » Includes 5 extractor (pushing) pins for those hard to reach applications.
- » Auto-grip collar and adaptor for quick change of pins
- » Ram bases and heads for jacking applications.
- » Supplied in steel storage case.
- » See page 264 for kit contents.



20 TONNE LOADSTAR 'PLUS' PRESS FRAME ADD-ON PACK

20204000

- » Press frame assembly to add portable press capability.
- » Particularly useful for removal of HGV suspension King Pins.
- » Includes 5 extractor (pushing) pins for those hard to reach applications.
- » Auto -grip collar and adaptor for quick change of pins.
- » Supplied in steel storage case.
- » See page 264 for kit contents.
- » See page 269 for specifications and Hydraulic Pump Assembly spare parts.



20 TONNE LOADSTAR 'PLUS' PRESS FRAME- COMPLETE KIT

21200000

- » 20T Hydraulic Cylinder and Pump.
- » Stand alone portable press frame kit for pin pushing applications.
- » Particularly useful for removal of HGV suspension King Pins.
- » Includes 5 extractor (pushing) pins for those hard to reach applications.
- » Auto-Grip collar and adaptor for quick change of pins.
- » Supplied in steel storage case.
- » See page 264 for kit contents.
- » See page 269 for specifications and Hydraulic Pump Assembly spare parts.



20 TONNE LOADSTAR 'PLUS' PRESS FRAME- COMPLETE KIT

212050V2

Updated Kit now includes additional pins for use with 'Optare' Buses 2011-fitted with albion axles (Pin Ref: R1800058).

- » 20T Hydraulic Cylinder and Pump.
- » Stand alone portable press frame kit for pin pushing applications.
- » Particularly useful for removal of HGV suspension King Pins.
- » Includes 7 extractor (pushing) pins for those hard to reach applications.
- » Auto-Grip collar and adaptor for quick change of pins.
- » Supplied in steel storage case.



20 TONNE LOADSTAR 'PLUS' PRESS FRAME- COMPLETE KIT (MINUS PUMP)

21200100

- » As per 21200000 kit on the previous page minus pump.
- » Capability as above for those customers who already have a suitable hydraulic pump (10,000 psi) with standard 3/4" hydraulic quick coupler.



20 TONNE LOADSTAR 'PLUS' COMPREHENSIVE KIT

20205000

- » 20T Hydraulic Cylinder and Pump.
- » Contains full capability without any duplication of parts.
- » 6 pulling combinations.
- » Bearing separator capability.
- » Portable press frame included.
- » Internal pulling unit included.
- » Supplied in 2 steel storage cases.
- » 3 x Cranked legs. » 3 x Leg extensions.
- » 3 x Straight legs. » Spread 530mm.
- » Reach 760mm.
- » See page 269 for specifications and Hydraulic Pump Assembly spare parts.



LOADSTAR 'PLUS' 20 TONNE KIT CONTENTS

Part No.	Description	20205000	20200000	20201000	20202000	20203000	20204000	21200000	21200100	212050V2
		Kit Qty	Kit Qty	Kit Qty	Kit Qty	Kit Qty	Kit Qty	Kit Qty	Kit Qty	Kit Qty
20017000	Hydraulic Pump	1	1	-	-	-	-	1	-	1
20012000	20T Hydraulic Cylinder	1	1	1	-	-	-	1	1	1
20028500	20T 3 Way Beam incl. Pins & Nuts	1	1	1	-	-	-	-	-	-
20028600	Puller Leg - Cranked	3	3	3	-	-	-	-	-	-
20028400	Puller Leg - Straight	3	3	3	-	-	-	-	-	-
20019200	Leg Extension incl Pins & Nuts	3	3	3	-	-	-	-	-	-
09530000	Separator incl. Adaptors	1	-	-	1	-	-	-	-	-
20028300	Twin Beam	1	-	-	1	-	-	-	-	-
20028900	Rod Assembly	2	-	-	2	-	-	-	-	-
20012400	Base Pushing Plate incl. Bolts	1	-	-	-	1	-	-	-	-
20012100	Base	1	-	-	-	1	-	-	-	-
20012300	Toe Lift Finished	1	-	-	-	1	-	-	-	-
20014400	Extractor Pin 25 x 150	1	-	-	-	1	1	1	1	1
20014500	Extractor Pin 50 x 150	1	-	-	-	1	1	1	1	1
20014600	Extractor Pin 38 x 150	1	-	-	-	1	1	1	1	1
20014700	Extractor Pin 18 x 75	1	-	-	-	1	1	1	1	1
20014800	Extractor Pin 20 x 150	1	-	-	-	1	1	1	1	1
20014270	Optare Pin	-	-	-	-	-	-	-	-	1
20014000	33mm short pin	-	-	-	-	-	-	-	-	1
20014100	33mm long pin	-	-	-	-	-	-	-	-	1
20014900	Auto Grip Collar & Adaptor	1	-	-	-	1	1	1	1	1
20039500	Press Frame	1	-	-	-	-	1	1	1	1
20208300	Steel Storage Case	2	1	1	-	-	-	-	-	-
20208400	Steel Storage Case	-	-	-	1	-	1	1	1	1
08038200	Steel Storage Case	-	-	-	-	1	-	-	-	-

LOADSTAR 'PLUS' PULLERS- 30 TONNE KITS

30 TONNE LOADSTAR 'PLUS' ENTRY LEVEL KIT

20300000

- » 30T Hydraulic Cylinder and Pump.
- » 4 pulling combinations.
- » Supplied in steel storage case.
- » 3 x Cranked legs.
- » 3 x Straight legs.
- » 3 x Leg extensions.
- » Spread 530mm.
- » Reach 580mm.
- » See page 266 for kit contents.
- » See page 269 for specifications and Hydraulic Pump Assembly spare parts.



30 TONNE LOADSTAR 'PLUS' ENTRY LEVEL KIT (MINUS PUMP)

20301000

- » 30T Hydraulic Cylinder.
- » Capability as above for those customers who already have a suitable hydraulic pump (10,000 psi) with standard 3/4" hydraulic quick coupler.
- » Supplied in steel storage case.
- » Spread 530mm.
- » Reach 580mm.
- » See page 266 for kit contents.
- » See page 269 for specifications.



30 TONNE LOADSTAR 'PLUS' COMPREHENSIVE KIT

20305000

- » 30T Hydraulic Cylinder and Pump.
- » Contains full capability without any duplication of parts.
- » 5 pulling combinations.
- » Bearing separator capability.
- » Internal pulling unit included.
- » Supplied in 2 steel storage case.
- » 3 x Cranked legs.
- » 3 x Straight legs.
- » 3 x Leg extensions.
- » Spread 530mm.
- » Reach 580mm.
- » See page 266 for kit contents.
- » See page 269 for specifications and Hydraulic Pump Assembly spare parts.



30 TONNE LOADSTAR 'PLUS' SEPARATOR ADD-ON PACK

20302000

- » Provides all additional components to add bearing capability to the entry level kit without any duplication of parts.
- » Supplied in steel storage case.
- » See below for kit contents.
- » See page 266 for specifications.



LOADSTAR 'PLUS' 30 TONNE KIT CONTENTS

Part No.	Description	20305000	20300000	20301000	20302000
		Kit Qty	Kit Qty	Kit Qty	Kit Qty
20017000	Hydraulic Pump	1	1	-	-
20013000	30T Hydraulic Cylinder	1	1	1	-
20038400	30T Triple Beam incl Pins & Bolts	1	1	1	-
20028600	Puller Leg - Cranked	3	3	3	-
20028400	Puller Leg - Straight	3	3	3	-
20019200	Leg Extension incl. Pins & Nuts	3	3	3	-
20013100	Adjusting Screw	1	1	1	-
20013200	Handle	1	1	1	-
20013500	Rod End Cap	1	1	1	-
20048100	M10 x 1.5 x 75mm Long Bolt	2	2	2	-
09530000	Separator incl Adaptors	1	-	-	1
20058400	Twin Beam	1	-	-	1
20028900	Rod Assembly	2	-	-	2
20029000	Extension Rod	2	-	-	2
20059500	Internal Pulling Unit	1	-	-	-
30025000	Connector	2	-	-	2
20208300	Steel Storage Case	1	1	1	-
20208400	Steel Storage Case	1	-	-	1

LOADSTAR 'PLUS PULLERS- 50 TONNE KITS

50 TONNE LOADSTAR 'PLUS' ENTRY LEVEL KIT

20500000

- » 50T Hydraulic Cylinder and Pump.
- » 4 pulling combinations.
- » Supplied in steel storage case.
- » 3 x Cranked legs.
- » 3 x Straight legs.
- » 3 x Leg extensions.
- » Spread 530mm.
- » Reach 470mm.
- » See page 268 for kit contents.
- » See page 269 for specifications and Hydraulic Pump Assembly spare parts.



50 TONNE LOADSTAR 'PLUS' ENTRY LEVEL KIT (MINUS PUMP)

 **20501000**

- » 50T Hydraulic Cylinder.
- » Capability as on previous page for those customers who already have a suitable hydraulic pump (10,000 psi) with standard 3/4" hydraulic quick coupler.
- » Supplied in steel storage case.
- » Spread 530mm.
- » Reach 470mm.
- » See page 268 for kit contents.
- » See page 269 for specifications.



50 TONNE LOADSTAR 'PLUS' COMPREHENSIVE KIT

 **20505000**

- » 50T Hydraulic Cylinder and Pump.
- » Contains full capability without any duplication of parts.
- » 5 pulling combinations.
- » Bearing separator capability.
- » Internal pulling unit included.
- » Supplied in 2 steel storage cases.
- » 3 x Cranked legs.
- » 3 x Straight legs.
- » 3 x Leg extensions.
- » Spread 530mm.
- » Reach 470mm.
- » See page 268 for kit contents.
- » See page 269 for specifications and Hydraulic Pump Assembly spare parts.



50 TONNE LOADSTAR 'PLUS' SEPARATOR ADD-ON PACK

 **20502000**

- » Provides all additional components to add bearing separator capability to the entry level kit without any duplication of parts.
- » Supplied in steel storage case.
- » See page 268 for kit contents.
- » See page 269 for specifications.



LOADSTAR 'PLUS' 50 TONNE KIT CONTENTS

Part No.	Description	20505000	20500000	20501000	20502000
		Kit Qty	Kit Qty	Kit Qty	Kit Qty
20017000	Hydraulic Pump	1	1	-	-
20015000	50T Hydraulic Cylinder	1	1	1	-
20068200	50T Triple beam incl Pins, Nuts & Bolts	1	1	1	-
20028600	Puller Leg - Cranked	3	3	3	-
20028400	Puller Leg - Straight	3	3	3	-
20019200	Leg Extension incl. Pins & Nuts	3	3	3	-
20015100	Adjusting Screw	1	1	1	-
20015200	Handle	1	1	1	-
20015500	Adjusting Screw cap ADZ 60	1	1	1	-
09530000	Separators incl Adaptors	1	-	-	1
20068500	Twin Beam incl Bolts	1	-	-	1
20028900	Rod Assembly	2	-	-	2
20029000	Extension Rod	2	-	-	2
20059500	Internal Pulling Unit	1	-	-	-
30025000	Connector	2	-	-	2
20208300	Steel Storage Case	1	1	1	-
20208400	Steel Storage Case	1	-	-	1

LOADSTAR 'PLUS' PULLERS- SPECIFICATIONS

LOADSTAR "PLUS" SPECIFICATIONS

Capacity Tonnes	Part No.	Pulling		External		Internal	Stroke mm	Weight kg
		Spread mm	Reach mm	Spread Min - Max mm	Reach mm	Spread Min - Max mm		
20 Tonne	20200000	530	760	-	-	-	152	88
	20201000	530	760	-	-	-	152	83
	20202000	-	-	50 - 175	420	-	152	54
	20205000	530	760	50 - 175	420	75 - 225	152	195
30 Tonne	20300000	530	580	-	-	-	50	92
	20301000	530	580	-	-	-	50	86
	20302000	-	-	50 - 175	860	-	50	63
	20305000	530	580	50 - 175	860	75 - 225	50	160
50 Tonne	20500000	530	470	-	-	-	50	106
	20501000	530	470	-	-	-	50	100
	20502000	-	-	50 - 175	750	-	50	68
	20505000	530	470	50 - 175	750	75 - 225	50	180

100T PULLER ON TROLLEY

20973100

- » 100T Puller supplied on Trolley for ease of raising to the height required, the puller can also be used without the trolley.
- » Puller Pump: Two-Speed Pump. Maximum Pressure 700 bar.
- » Trolley Pump: Single Speed Manual Pump. Maximum Pressure 700 bar.
- » Spindle with manual handwheel to change angle of the puller.
- » The puller can be removed from the trolley and used separately.

Specifications:

- » Length: 2070 mm
- » Width: 936 mm
- » Puller Minimum Height: 895 mm
- » Puller Maximum Height 1250 mm
- » Weight with Trolley: 590Kg
- » Puller Weight: 400Kg



PRESS FRAME SPECIFICATIONS

20039500

 Kit Part No.	Throat Depth	Throat Width	Extractor Pin Diameter	Extractor Pin Length		
	Min - Max mm	mm	Min - Max mm	Min - Max mm	Stroke mm	Kit Weight kg
20204000	365 - 460	165	18 - 50	75 - 150	152	47
21200000	365 - 460	165	18 - 50	75 - 150	152	71
21200100	365 - 460	165	18 - 50	75 - 150	152	65
20205000	365 - 460	165	18 - 50	75 - 150	152	195
212050V2	365 - 460	165	18 - 50	75 - 150	152	73



HAND OPERATED HYDRAULIC PUMP SPARE PARTS

20017000



Part No.	Description
21720000	High Pressure Hose - 1.8m long
21740000	Quick Coupling - complete
21740100	Quick Coupling - male
21790000	Gauge & Gauge Block

AIR POWERED HYDRAULIC PUMP SPARE PARTS

20017500



Part No.	Description
21720000	High Pressure Hose - 1.8m long
21740000	Quick Coupling - complete
21740100	Quick Coupling - male
21790000	Gauge & Gauge Block

LOADSTAR



LOADSTAR TOOLBOXES

We are pleased to announce our new range of LOADSTAR heavy duty toolboxes. These are bespoke designs aligned to a specific model of machinery.

We design boxes for all types of excavators and tractors – please view all of the pictures to get an idea of what is possible.

EXCAVATORS & PLANT

- » Safe and secure storage of maintenance / repair tools
- » Tools in “location” – no down time to get tools from support vehicles
- » Potentially self-sufficient operating unit
- » Additional work area – large flat surface
- » Overnight safe storage – saves time moving tools
- » Ability to do on site repairs to plant / machinery
- » Safe place to store lifting chains etc
- » Store spare oils and lubricant coolant
- » Store work wear, cleaning equipment & PPE

Models already available:

- » Hitachi 300LC box
- » Volvo 235 blade box



AGRICULTURE

- » Ability to do on site repairs to plant / machinery
- » Safe place to store lifting chains etc
- » Store spare oils and lubricant coolant
- » Carry spares for multiple different attachments i.e. weed basket spares, hydraulic hoses etc
- » Store work wear, cleaning equipment & PPE

These boxes are made to order, if you would like more information, please fill in the contact form on the website and we will be in touch.



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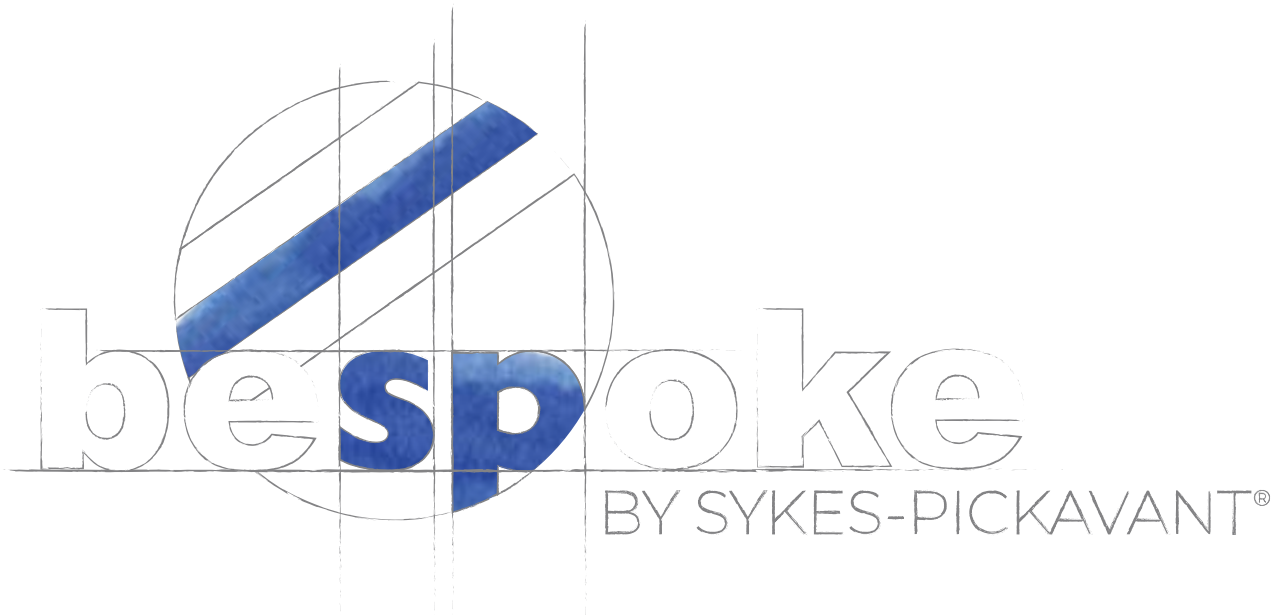
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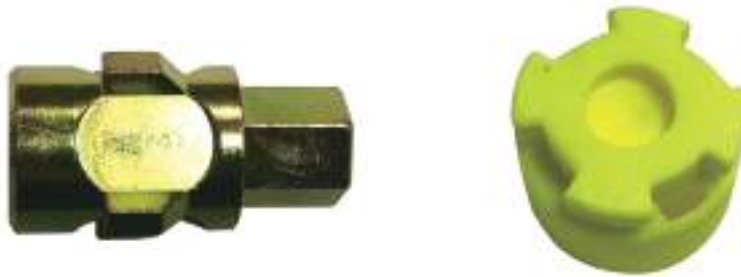
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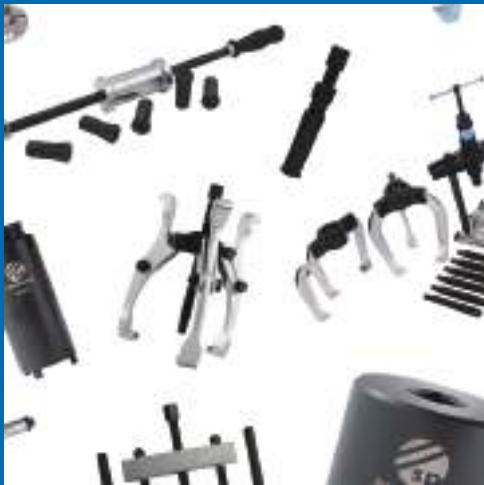
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