

HIGHVELD

Garage Equipment CC

CK 85/005300/23

Garage equipment & special tools catalogue

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HIGHVELD GARAGE EQUIPMENT CC was established in 1985.

We specialise in quality garage equipment and tools, either imported by ourselves, purchased from local wholesalers or manufactured in South Africa. We do not sell inferior products, but only well known, professional products, always taking value for money into consideration.

Our office is located in Montana, Pretoria, where safe parking on premises, is always available. Our facility includes a showroom, modern offices, training centre, mechanical workshop, electronic workshop and warehouse.

Our own technicians ensure that the equipment is professionally installed and serviced when required. We do not use agents or 3rd party companies to do our installations and training.

Training schools on automotive diagnostics and wheel service equipment, are held regularly.

National and International sales and service, are done throughout Southern Africa.

We pride ourselves on providing a friendly, yet professional and personal service.

Mission Statement

We at Highveld Garage Equipment CC are committed to be market leaders in the garage equipment industry. We strive to offer the best products, always taking value for money into consideration. With superior industry knowledge we will back the products with the best possible service.



**Highveld Garage Equipment CC building at
42 Taaifontein st, Cnr Khai Apple st, Montana, Pretoria**

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2 Post lifts



002-010 2 Post lift With base

Electro hydraulic 230V Single phase or 380V Three phase (on request).
Capacity 4000Kg.
The arms lock automatically when raised.
Three sets of extension adaptors included.
Suitable for most car, bakkie and 4X4 vehicles.
Single point lock release for easy operation.
Complies with all safety regulations.



002-020 2 Post lift Base free

Electro hydraulic 230V Single phase or 380V Three phase (on request).
Capacity 4000Kg.
The arms lock automatically when raised.
Three sets of extension adaptors included.
Suitable for most car, bakkie, and 4X4 vehicles.
Very low maintenance required due to direct drive cylinders.
Single point lock release for easy operation.
Complies with all safety regulations.

4 Post lifts



004-010 4 Post lift Standard

4000 Kg capacity
220V Single phase or 380V three phase (on request).
Mechanical safety lock and electrical safety switches at each pillar.
Pneumatically operated locks ensure that lift is always 100% level.
Lift can be mechanically lowered in case of power failure.
Complies with all safety regulations.
Auxiliary jack not included.



004-020 4 Post lift With alignment plates

4000 Kg capacity
220V Single phase or 380V three phase (on request).
Suitable for wheel alignment with built in slip plates and turntable recesses.
Turntables not included.
Mechanical safety lock and electrical safety switches at each pillar.
Pneumatically operated locks ensure that lift is always 100% level.
Lift can be mechanically lowered in case of power failure.
Complies with all safety regulations.
Auxiliary jack not included.

Auxiliary jacks



006-010 Auxilliary jack Pneumatically operated

2800 Kg capacity. To be used with Peak 4 Post lift or most 4 Post lifts and pits, with rail at the bottom.
Complete with cradle, lifting pads and extension pieces.
Mechanical safety lock

Low level lifts



008-010

Low level lift

Double cylinders

Capacity 4.5 Ton.

Uses professional hydraulic pump 220V Single phase or 380V Three phase (on request).

Uses double cylinders for higher capacity.

Suitable for cars and 4X4 vehicles.

Used in tyre shops, general workshops and panel beaters. Maximum height 600mm.



008-020

Low level lift

Single cylinder

Capacity 2.8 Ton.

Uses professional hydraulic pump 220V Single phase or 380V Three phase (on request).

Suitable for cars and 4X4 vehicles.

Used in tyre shops, general workshops and panel beaters. Maximum height 600mm.

Motorcycle lifts



010-010

Motorcycle lift

Pneumatically operated

Capacity 450 Kg

Minimum height 195 mm.

Maximum height 780 mm.

Weight 123Kg.



010-020

Motorcycle lift

Pneumatically or manually operated

Capacity 450 Kg

Minimum height 180mm.

Maximum height 780 mm.

Weight 141Kg.



010-030

Motorcycle lift

Manually operated

Capacity 500 Kg

Minimum height 100mm.

Maximum height 340mm.

Weight 15Kg.



012-010

Car ramps

Sold in pairs

Length 820mm

Width 300mm

Height 225mm

Ramps

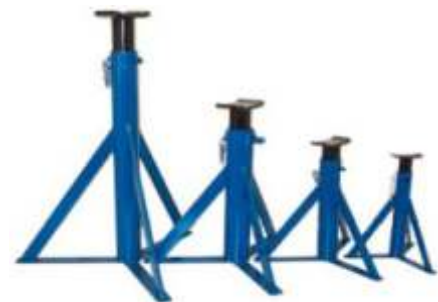


Heavy duty car ramps

Code	Length	Width	Height
012-020	1200mm	250mm	250mm
012-030	1500mm	250mm	250mm



Trestles



Trestles
With ratchet & safety pin
Sold in pairs

Code	Capacity	Min height	Max height
014-010	2 Ton	275mm	420mm
014-020	3 Ton	285mm	425mm
014-030	6 Ton	390mm	605mm
014-040	12 Ton	465mm	715mm

Trestles
With pin
Sold individually

Code	Capacity	Min height	Max height
014-050	2 Ton	1200mm	1800mm
014-060	3 Ton	320mm	520mm
014-070	6 Ton	375mm	560mm
014-080	12 Ton	470mm	770mm
014-090	25 Ton	520mm	790mm
014-100	50 Ton	520mm	790mm

Bottle jacks



Bottle jacks

Code	Capacity	Min height	Stroke	Adjustment	Max height
016-010	2 Ton	181mm	116mm	48mm	345mm
016-020	4 Ton	194mm	118mm	60mm	372mm
016-030	6 Ton	216mm	127mm	70mm	413mm
016-040	8 Ton	230mm	147mm	80mm	457mm
016-050	10 Ton	230mm	150mm	80mm	460mm
016-060	12 Ton	230mm	155mm	80mm	465mm
016-070	15 Ton	230mm	150mm	80mm	460mm
016-080	20 Ton	242mm	150mm	60mm	452mm
016-090	32 Ton	285mm	180mm		465mm
016-100	50 Ton	300mm	180mm		480mm
016-110	100 Ton	300mm	180mm		480mm

Air bottle jacks



Bottle jacks Pneumatic type

Code	Capacity	Min height	Stroke	Adjustment	Max height
018-010	20 Ton	265mm	165mm	80mm	510mm
018-020	30 Ton	280mm	190mm		470mm
018-030	50 Ton	307mm	178mm		485mm



Trolley jacks



020-010

Trolley jack

With quick lift pedal

3 Ton

Suitable for most workshops
Includes foot pedal for fast operation
Minimum height 150mm
Maximum height 490mm
Body length 630mm

020-020

Trolley jack

With 4X4 adaptor

3 Ton

Special trolley jack suitable for most workshops with built in adaptor to accommodate low vehicles as well as 4 x 4 vehicles
Minimum height 98 or 245mm
Maximum height 585mm
Body length 795mm

020-030

Trolley jack

Low profile

4 Ton

Low profile trolley jack suitable for workshops with low vehicles
Minimum height 100mm
Maximum height 508mm
Body length 685mm



Scissor jacks



020-040

Trolley jack

DIY type

3 Ton

Light duty trolley jack for DIY use.
Handle turns 360 degree
Minimum height 130mm
Maximum height 410mm
Body length 590mm

Scissors jacks

Code	Capacity	Min height	Max height	Length
022-010	1 Ton	88mm	383mm	426mm
022-020	2 Ton	90mm	380mm	460mm

020-050

Trolley jack

Aluminium

3 Ton

Aluminium trolley jack used for racing purposes because of light weight.
Professional heavy duty.
Minimum height 100mm
Maximum height 465mm
Body length 770mm

Trolley jacks

Trolley jacks Heavy duty

Code	Capacity	Min height	Max height	Length
020-060	3 Ton	130mm	630mm	1400mm
020-070	5 Ton	150mm	560mm	1510mm
020-080	10 Ton	160mm	560mm	1640mm
020-090	15 Ton	220mm	680mm	1550mm
020-100	20 Ton	220mm	680mm	1550mm

Air hydraulic jack

Trolley jacks Pneumatic

Code	Capacity	Min height	Max height
024-010	22 Ton	230mm	530mm
024-020	35 Ton	260mm	510mm



Forklift jack



026-010
Forklift jack
5 Ton
Forklift trolley jack
Minimum height 70mm
Maximum height 365mm

Pallet jacks



Pallet jacks			
Code	Capacity	Outside width	Length
028-010	2 Ton	550mm	1100mm
028-020	2 Ton	685mm	1200mm
028-030	2.5Ton	550mm	1100mm
028-040	2.5Ton	685mm	1220mm
028-050	3 Ton	550mm	1100mm
028-060	3 Ton	685mm	1250mm

Car dolly's



030-010
Car dolly
450Kg capacity per dolly
Suitable to move small to medium cars around. Sold in pairs.
Each dolly capable of supporting 450Kg therefore a vehicle of maximum 1.8 Ton weight

Positioning jack



030-020
Positioning jack
Hydraulic type
700Kg Capacity
Suitable to move most cars and 4X4 around.
Each dolly capable of supporting 700Kg therefore a vehicle of maximum 2.8 Ton weight

Mechanics chairs



032-010
Mechanics chair
Pneumatically adjustable seat by 120mm



032-020
Mechanics chair
Includes drawer under seat

Creepers



034-010
Padded steel creeper
6 Wheels
Length 1025mm



Steel heavy duty creepers			
Code	Wheels	Length	
034-030	4 Wheels	900mm	
034-040	6 Wheels	1200mm	



034-020
Plastic creeper
6 Wheels
Length 1010mm

Chocks



034-050
Nylon webbing creeper
4 Wheels
Length 1300mm



034-060
Nylon webbing creeper
6 Wheels
Length 1300mm



Wheel chocks			
Code	Purpose	Size	Material
036-010	Car	105x75x75mm	Rubber
036-020	Truck	326x204x161mm	Steel
Sold in pairs			

Engine stands



038-010
Engine stand
340Kg capacity
Engine stand on wheels.
Suitable for small engines
up to 2L capacity



038-020
Engine stand
460Kg capacity
Engine stand on wheels.
Suitable for small to medium
engines 2L to 3L capacities



038-030
Engine stand
570Kg capacity
Engine stand on wheels.
Suitable for medium to large
engines 3L and above

Engine cranes



040-010
Engine crane
1 Ton capacity
Engine crane on wheels and
foldable to save space when storing.
Minimum height 25mm
Maximum height 2000mm



040-020
Engine crane
2 Ton capacity
Engine crane on wheels and
foldable to save space when storing.
Minimum height 25mm
Maximum height 2000mm



040-030
Engine crane
3 Ton capacity
Engine crane on wheels for heavy
duty work.
Minimum height 0mm
Maximum height 2300mm

Engine leveler



042-010
Engine leveler
680Kg capacity
Engine leveler to be used when
lifting engines with engine crane

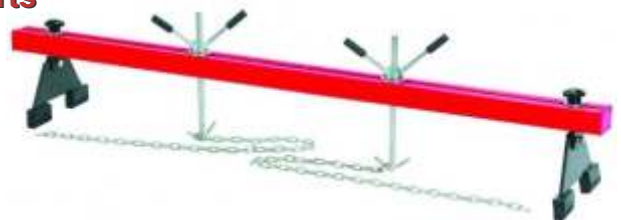
Engine crane cylinders



044-010
Hydraulic cylinder for engine cranes
Capacity 8000 Kg. Minimum height 630mm. Maximum height 1120mm



046-010
Engine support
300Kg capacity
Engine support with single chain
Length 980mm



046-020
Engine support
500Kg capacity
Engine support with double chain
Length 1500mm

Work benches



Workbench Standard 3mm Steel top			
Code	Length	Height	Depth
048-010	1500mm	850mm	750mm
048-020	1800mm	850mm	750mm
048-030	2400mm	850mm	750mm



Workbench Half locker 3mm Steel top			
Code	Length	Height	Depth
050-010	1500mm	850mm	750mm
050-020	1800mm	850mm	750mm
050-030	2400mm	850mm	750mm



Workbench Full locker 3mm Steel top			
Code	Length	Height	Depth
052-010	1500mm	850mm	750mm
052-020	1800mm	850mm	750mm
052-030	2400mm	850mm	750mm



Workbench Half locker 3 drawers 3mm Steel top			
Code	Length	Height	Depth
054-010	1500mm	850mm	750mm
054-020	1800mm	850mm	750mm
054-030	2400mm	850mm	750mm

Bench vices



Bench vice Heavy duty	
Code	Jaws
056-010	100mm 4"
056-020	150mm 6"
056-030	200mm 8"



Bench vice Extra heavy duty	
Code	Jaws
058-010	100mm 4"
058-020	150mm 6"
058-030	200mm 8"

Vice stand



060-010 Bench vice stand	
Suitable for 100mm, 150mm and 200mm bench vices	

Bench grinders



Bench grinder Medium duty	
Code	Wheel
062-010	150mm
062-020	200mm



Bench grinder Heavy duty	
Code	Wheel
064-010	200mm
064-020	250mm

Bench grinder stand



066-010 Bench grinder stand	
Suitable for 150mm, 200mm and 250mm bench grinders	

Drill presses



Pedestal drill				
Code	Voltage	Capacity	Chuck	Model
068-010	220V	16mm	16mm	Bench
068-020	220V	20mm	16mm	Floor
068-030	380V	32mm	16mm	Floor

Drill press vices



Drill vice Heavy duty	
Code	Throat
070-010	100mm
070-020	150mm

Presses



072-010
Hydraulic shop press
Bottle jack type without gauge
12 Ton
Stroke 175mm
Working capacity 0-930mm



072-020
Hydraulic shop press
Professional press with gauge
12 Ton
Stroke 160mm
Working capacity 0-920mm



072-030
Hydraulic shop press
Professional press with gauge
20 Ton
Stroke 185mm
Working capacity 0-910mm



072-040
Hydraulic shop press
Professional press with gauge
30 Ton
Stroke 160mm
Working capacity 0-840mm



072-050
Hydraulic shop press
Professional press with gauge
40 Ton
Stroke 175mm
Working capacity 0-890mm
Includes winch to lift or lower cradle



072-060
Hydraulic shop press
Professional press with gauge
50 Ton
Stroke 175mm
Working capacity 0-890mm
Includes winch to lift or lower cradle

Coil spring compressors



074-010
Coil spring compressor
Professional unit pneumatically operated
Capacity 1260Kg



074-020
Coil spring compressor
Professional unit pneumatically operated
Capacity 1000Kg



076-010
Coil spring compressor
Supplied complete with 3 sets of shoes.
Operation is very safe and fast to use.
Capacity more than 1100 Kg.

Coil spring compressors



074-030
Coil spring compressor
Floor standing hydraulic type
 Capacity 1 Ton
 Maximum length 480mm
 Stroke 325mm
 Spring diameter 100-254mm



074-040
Coil spring compressor
 Capacity 1 Ton
 Portable hydraulic type
 Two sets shoes included



076-020
Coil spring compressor
External type. Two legs with double hooks on both sides. Pressure is evenly balanced and operation is safer.

Shock absorber strut vice



076-030
Coil spring compressor
External type. Includes three legs so that pressure is evenly balanced around the coil.



078-010
Strut vice
 Vice to mount shock absorber onto

Strut sockets



080-010
Strut nut
 Mercedes Benz
 14mm

Bearing separators



080-020
Strut nut kit
 Designed to hold the damper shaft during the re-fitting and removal of strut nuts. Sizes 10.5, 12.5, 14, 14.5 and 14.5mm sockets.



080-030
Master strut kit
 39 Piece. A complete set to remove or install shock absorbers.



Bearing separator

Code	Size
082-010	30 - 50mm
082-020	50 - 75mm
082-030	75 - 105mm
082-040	105 - 150mm

Bearing pullers



Bearing puller
2 Jaw

Code	Size
084-010	75mm
084-020	100mm
084-030	150mm
084-040	200mm
084-050	300mm



Bearing puller
3 Jaw

Code	Size
086-010	75mm
086-020	100mm
086-030	150mm
086-040	200mm
086-050	300mm



Bearing puller
2 and 3 Jaw

Code	Capacity
088-010	2 Ton
088-020	5 Ton

Bearing pullers



090-010
Bearing separator set
 Includes 1 x Bearing separator



090-020
Bearing separator set
 Includes 2 x Bearing separators



092-010
Hydraulic gear puller set
 3 Sets of 3 and / or 2 leg pullers
 1 Bearing separator
 10 Ton hydraulic ram



094-010
Hydraulic bearing puller set
 Can be set up as an 2 or 3 leg puller set
 10 Ton hydraulic ram



096-010
Multi bearing puller set
 Special design locks legs in closed position when pulling to prevent legs from opening



098-010
Slide hammer puller set
 3 Jaw internal or external puller. Includes slide hammer. Capacity 15 to 80mm



096-020
Ribbed pulley puller
 Clamps designed to clamp to most ribbed pulley's



096-030
Flange puller
 Universal 2 or 3 position setup



096-040
Pilot bearing puller
 12 - 38mm Capacity



098-020
Blind (inner) bearing puller
 5 Piece
 10 - 14, 15 - 19, 18 - 25, 25 - 32mm



098-030
Blind (inner) bearing puller
 9 Piece
 8 - 10, 10 - 12, 12 - 14, 15 - 17, 17 - 20, 20 - 24, 25 - 29, 30 - 32mm



098-040
Blind (inner) bearing puller set
 16 Piece
 8 - 11, 12 - 17, 18 - 23, 24 - 29, 30 - 34, 34 - 38, 39 - 43, 44 - 48, 49 - 53, 54 - 58mm
 1 x Puller included

Bearing pullers



100-010
Hub puller
Removes wheel hubs mounted on tapered axles. Three adjustable legs adjustable up to 190mm diameter.



100-020
Slide hammer hub puller set
Combination puller with 2 Kg steel slide hammer. Also converts into a 2 or 3 jaw internal or external puller.



092-020
Hydraulic puller
4 Ton
Spread 55 - 255mm
Reach 70 - 250mm
Stroke 60mm

Stud / Screw extractors



102-010
Screw extractor set
8 Piece.
Quick and easy to remove broken screws, pipes, bolts and studs. Sizes 3, 6, 8, 12, 14, 19, 25, 28mm



102-020
Screw extractor set
5 Piece.
Quick and easy to remove broken screws, pipes, bolts and studs. Sizes 7/64", 9/64", 5/32", 1/4", 19/64"



102-030
Screw extractor set
7 Piece.
Quick and easy to remove broken screws, pipes, bolts and studs. Sizes 1/8", 1/4", 5/16", 7/16", 9/16"
Includes tap handle



102-040
Screw extractor, drill and guide set
25 Piece.
Can be used to remove studs with sizes 5 to 16mm in diameter (3/16" to 9/16")



102-050
Screw extractor, drill and guide set
25 Piece.
Can be used to remove studs with sizes 5 to 16mm in diameter (3/16" to 9/16")



102-060
Stud Extractor
1/2" Drive.
Designed to remove studs 6 to 19mm in diameter



102-070
Stud Extractor Set
4 Piece.
Designed for working in hard to reach places
Sizes 6, 8, 10 & 12mm



102-080
Stud Extractor Set
11 Piece.
Designed for working in hard to reach places
Sizes 5, 6, 7, 8, 10, 10.5, 11, 12, 14 & 16mm



Stud puller
Designed for working in hard to reach places

Code	Size
102-090	6mm
102-100	8mm
102-110	10mm
102-120	12mm

Nut splitter



102-130
Nut splitter
To split nuts when it's impossible to remove otherwise
Suitable for nuts from 5 to 16mm

Nut removers



102-140
Damaged bolt & nut extractor
4 Piece. Designed to remove damaged nuts and bolts. 1/2" Drive. 17mm, 19mm, 21mm & 22mm tube sockets with 80mm Drift.



102-150
Damaged bolt & nut extractor
10 Piece. Designed to remove damaged nuts and bolts. 3/8" Drive. 9, 10, 11, 12, 13, 14, 15, 16, 17, 19mm & 90mm Drift

Seal puller



104-010
Seal puller
300mm long
Suitable to remove oil and grease seals in automotive vehicles

Pick & hook sets



664-010
Mini pick and hook set
4 Piece
For removal of bushings, cotter pins, O-rings & seals.
Curve hook, 45-degree hook, 90 degree hook, straight Pick.



664-020
Mini pick and hook set
6 Piece
For removal of bushings, cotter pins, O-rings & seals.
Curve hook, 3 x 45-degree hook, 90 degree hook, straight Pick.

Seal / Bearing extractors / installers



104-040
Seal remover and installer set
20 Piece
Includes puller
Ideal for crank shaft and other oil seals



104-050
Bearing Extractor
For installing and removing bearings.
Adaptor size: 35, 35, 37, 39, 40, 41, 42, 45mm
Ring size: 60, 62, 64, 66, 68, 72, 74, 80, 82, 84mm



104-060
Bearing and seal driver set
For installation of bearings and seals
39.5, 44.5, 50, 59, 63, 65, 72, 76, 81mm flanges



104-070
Crankshaft seal flange remover / installer
VW, Audi
1.4 1.6 16V



104-080
Crankshaft seal flange remover / installer
VW, Audi
1.9 2.0



104-090
Oil seal installer kit
Isuzu crankshaft

Wheel balancers



106-010

Semi Automatic wheel balancer

Wheel cover included.
Automatic start and stop after 6 seconds.
Dynamic, static and mag rim programs included.
Self calibrating, and diagnostics program standard.
Special stick on MAG and hidden weight program included.
Includes cone adaptors, quick release nut, rim caliper, wheel weight plier and 4x4 cone.
Blind wheel and motor cycle adaptor optional.



106-020

Automatic wheel balancer

Wheel cover included.
Automatic start and stop after 6 seconds.
Rim distance and rim diameter recorded automatically.
Dynamic, static and mag rim programs included.
Laser beam included for very accurate positioning of the internal weight.
Self calibrating, and diagnostics program standard.
Special stick on MAG and hidden weight program included.
Includes cone adaptors, quick release nut, rim caliper, wheel weight plier and 4x4 cone.
Blind wheel and motor cycle adaptor optional.



106-030

Semi Automatic wheel balancer (Truck)

Wheel cover included.
Automatic start and stop.
Dynamic, static and mag rim programs included.
Self calibrating, and diagnostics program standard.
Includes cone adaptors, stud adaptors quick release nut, rim caliper, wheel weight plier, 4x4 and truck adaptors.
Pneumatic lifting bridge included.
380V Three phase.

Wheel balancer adaptors



108-010

Large cone (5th Cone)

To be used with wheels with very large center holes or on some small truck wheels

108-020

Flange

To be used together with the large cone for wheels with very large center holes or on some small truck wheels



108-030

Motorcycle adaptor

Suitable for most motorcycle wheels including blind wheel balancing such as Harley Davidson wheels without spokes



108-040

Motorcycle adaptor

Recommended for motorcycle open wheel balancing. Not possible to balance blind wheels such as Harley Davidson wheels without spokes



108-050

Blind wheel adaptor

To be used with blind rims such as Peugeot / Renault or in the event of rim damage around center hole

Wheel weights



Standard wheel weights (Steel rims)		
Code	Weight	Quantity
110-005	5g	50
110-010	10g	50
110-015	15g	50
110-020	20g	50
110-025	25g	50
110-030	30g	50
110-035	35g	50
110-040	40g	50
110-045	45g	50
110-050	50g	50
110-055	55g	50
110-060	60g	50
110-065	65g	50
110-070	70g	50
110-075	75g	50
110-080	80g	50

Other weights available on request



Mag wheel weights (Mag rims)		
Code	Weight	Quantity
112-005	5g	50
112-010	10g	50
112-015	15g	50
112-020	20g	50
112-025	25g	50
112-030	30g	50
112-035	35g	50
112-040	40g	50
112-045	45g	50
112-050	50g	50
112-055	55g	50
112-060	60g	50

Other weights available on request



Stick on weights			
Code	Description	Colour	Quantity
114-010	Slim line	Silver	100
114-020	Slim line	Black	100
114-030	4 X 4	Silver	50
114-040	Jumbo	Silver	50



116-010
Wheel weight plier

Wheel balancer accessories



118-010
Wheel weight tray
16 Bins with panel



108-060
Wheel rim caliper
Calibrated in inches



Quick release nut for balancer
Supplied complete with cup

Code	Size
108-070	36mm
108-080	40mm

Tyre changers



120-010
Semi Automatic tyre changer
 Complete with inflator and tyre lever.
 230V Single phase
 Capacity 10" - 24"



120-030
Automatic tyre changer
 Tyre changer complete help arm for run-flat or tough low profile tyres. Machine has automatic tubeless inflation device with tyre inflator and tyre lever.
 230V Single phase
 Capacity 10" - 24"



120-020
Automatic tyre changer
 Tyre changer complete help arm for run-flat or tough low profile tyres. Complete with tyre inflator and tyre lever.
 230V Single phase
 Capacity 10" - 24"



120-050
Semi Automatic tyre changer
 Suitable for truck, bus, tractor and earth mover tyres
 Rims 14" to 56" diameter
 380V Three phase



120-040
Semi Automatic tyre changer
 Suitable for truck and bus tyres
 Rims 14" to 26" diameter
 380V Three phase

Motorcycle adaptors



122-010
Motorcycle and quad bike adaptors
 Adaptors necessary to mount motorcycle tyres and quad tyres to car tyre changers



124-010
Rim protection cover (Top part)
 Cover clips over the metal wheel to protect mag rims from scratching



124-020
Rim protection cover (Bottom part)
 Cover clips under the mounting head to protect mag rims from scratching

Bead knocker



124-030
Rim protection covers (Clamps)
 Sold as a set of four
 Covers clip over the metal clamps on turntable to protect mag rims from scratching



126-010
Bead knocker
 Suitable for truck, bus, tractor and earthmover tyres

Tubeless tyre levers



126-020
Tubeless truck tyre changing system
 Suitable for truck and bus tubeless tyres

Wheel lock remover sets



128-010
Wheel lock remover set (BMW)
 21 Piece. Suitable to remove wheel locks on BMW wheels.



128-020
Wheel lock remover set (VW / Audi)
 23 Piece. Suitable to remove wheel locks on VW and Audi wheels.



128-030
Wheel lock remover set (Mercedes Benz)
 30 Piece. Suitable to remove wheel locks on Mercedes Benz wheels.

Tyre repair tools



130-010
Tyre valve tool
 Double ended with large and small bore on either side



130-020
Snap in tool
 To be used to insert tubeless valves on rims



130-030
Stitcher
 To be used to roll patches or gaiters on to tubes and tyres



130-040
Spiral reaming tool
 To be used to prepare hole before inserting tubeless plug



130-050
Insert tool
 To be used to insert tubeless plug when repairing a tubeless tyre



130-060
Rasp
 To be used to prepare tyres and tubes before repairing. Rasp adaptor not included and you need a die grinder with 6mm chuck to operate



130-070
Rasp adaptor
 This adaptor is necessary to fit the onto so that the rasp can be used with a die grinder



130-080
Wheelmate
 Provides support to wheel spanner when tightening or loosening truck wheel nuts



130-090
PCD Gauge
 Suitable to measure 4, 5, 6 and 8 stud rims

Tyre repair consumables



Patches tube round		
Code	Description	Quantity
132-010	No1	30
132-020	No2	30
132-030	No3	30
132-040	No4	30
132-050	No5	10



Universal patch (Nail hole)		
Code	Description	Quantity
134-010	55mm	30
134-020	80mm	20



Radial repair patch (rectangular)		
Code	Description	Quantity
136-010	R110	20
136-020	R112	20
136-030	R114	10
136-040	R120	10



Mushroom plugs		
Code	Description	Quantity
138-010	CP5	20
138-020	CP7	20
138-030	CP9	50
138-040	CP12	50
138-050	CP15	25



Tubeless plugs		
Code	Description	Quantity
140-010	Car	60
140-020	Truck	25



Cement	
Code	Quantity
142-010	250ml
142-020	500ml



Tubeless repair kits		
Includes reamer & insert tool		
Code	Vehicle	Plugs
130-100	Car	60
130-110	Truck	25



144-010
Soft soap
25L Container
Necessary to lubricate tyres when fitting



144-020
Bead lube
5L
Necessary to lubricate tyres when fitting



146-010
Tubeless valves TR414
Supplied in packets of 100



146-020
Valve cores
Supplied in packets of 100



Valve caps		
Packets of 100		
Code	Colour	Function
146-030	Black	Standard
146-040	Green	Nitrogen

Wheel dolly's



148-020
Wheel dolly
1.2 Ton Capacity
Maximum lift 225mm



148-010
Wheel dolly
1 Ton Capacity
Maximum lift 225mm

Tyre cage



Safety tyre inflation cage
Tyre safety cage for inflating truck tyres

Code	Height	Width	Length
150-010	1300mm	500mm	1800mm
150-020	1800mm	500mm	1800mm
150-030	2100mm	900mm	2000mm

Nitrogen generator



152-010
Nitrogen Generator
Produces nitrogen at 42 L/min
Pressure 8 Bar
Suitable for truck and car wheels with built in 50L tank
Complete with automatic tyre inflator / deflator

Tyre inflators



154-010
Automatic digital tyre inflator
220V Single phase (12V on request)
Inflates of deflates tyres to the selected pressure
Includes wall mounting bracket



156-010
Tyre inflator
Dial type
Entry level tyre inflator with clip on connector
0 - 1200 kPa
0 - 12 Bar



156-030
Tyre inflator
Linear type
Used in most driveways and workshops
0 - 960 kPa
0 - 9.6 Bar



156-020
Tyre inflator
Linear type
Used in most driveways and workshops
0 - 960 kPa
0 - 9.6 Bar



156-040
High pressure tyre inflator
Linear type
Used where high pressure inflation is necessary
0 - 2100 kPa
0 - 21 Bar

Tyre inflator parts



Hold on connector

Code	Closed / Open
158-010	Open end
158-020	Closed end



Twin connector (tip)

Code	Closed / Open
158-030	Open end
158-040	Closed end



158-050
Clip on connector
Open end
1/4" BSP Female thread

Tyre pressure gauges



160-010
Tyre pressure gauge
0 - 1200 kPa
0 - 12 Bar
With twin hold on connector



160-020
Tyre Pressure gauge
Pocket type
0.5-3.4 Bar
50-340kPa



160-030
Tyre Pressure gauge
Pocket type with twin connector
0.8-8.2 Bar
80-820kPa

Tyre tread depth gauges



160-040
Digital Tyre pressure & tread depth gauge
Digital LCD display
Change between PSI & kPa or mm & Inches



162-010
Tyre tread depth gauge
Pocket type

Nut remover (multiplier)



164-010
Truck wheel nut remover
Nut multiplier
Ratio 1:56
Weight 8.6Kg

Bead blaster (seater)



166-010
Bead blaster (bead seater)
Helps seating the bead in seconds when inflating tubeless tyres
20 L Tank

Air hose



Rubber hose	
Code	Internal diameter
168-010	6mm
168-020	8mm
168-030	10mm
168-040	13mm

Sold per meter. Maximum length 100m



Polyurethane hose	
Code	Internal diameter
170-010	6mm
170-020	8mm
170-030	10mm
170-040	13mm

Sold per meter. Maximum length 100m

Blow guns (air dusters)



172-010
Blow gun (air duster)
Plastic with long spout



172-020
Blow gun (air duster)
Metal

Tyre buffer



234-010
Tyre buffer
2500RPM. Ideal to prepare tyres and tubes for puncture repairs

Wheel aligner



174-010
Computerized 3D wheel alignment system
 Complete with large colour monitor, keyboard, printer, mouse, CD Rom, cabinet, 2 optical 3D camera system, front turntables, brake pedal depressor and steering wheel holder. No need to lift vehicle for run-out compensation and periodic calibration. Fast, accurate and reliable.

Wheel alignment tools



176-040
Camber, caster, KPI gauge
 Magnetic type
 For accurate readings it's recommended to use the gauge together with turntables



176-050
Camber gauge
 Accurate and portable with magnetic head to fit to hubs, rotors and spindles. To be used to set camber back to original setting.

Wheel alignment accessories



176-030
Turntable set
 Sold in pairs.
 Complete with radius gauge and rubber spacers. Full floating type 400mm x 400mm x 50mm high.



176-060
Side slip alignment gauge
 By driving over the gauge toe-in / out can be determined within seconds



176-010
Steering wheel holder
 Necessary to align and lock steering wheel when adjusting individual toe.



176-020
Brake pedal depressor
 Necessary to press the brake when doing the castor and KPI swing.

Pit rack



178-010
Pit rack with scuff plates
 Suitable to be installed in a pit. Manufactured to specifications. Scuff plates included but turntables excluded.

Extended slip plates



178-020
Extended slip plates (Ramp top conversion)
 Includes scuff plates. Suitable to install above lift platform or where drive on ramps on pit exists. Manufactured to specifications. Scuff plates included but turntables excluded.

Wheel alignment shims



Shims (Car & truck)			
Code	Vehicle	Thickness	Weight box
180-010	Car	0.5mm	700g
180-020	Car	1mm	700g
180-030	Car	2mm	700g
180-040	Car	3mm	700g
180-050	Car	4mm	700g
180-060	Car	5mm	700g
180-070	Truck	1mm	700g
180-080	Truck	2mm	700g
180-090	Truck	3mm	700g



Ball joint puller		
Code	Application	Jaw gap
184-010	Car & 4X4	23mm
184-020	Truck	32mm



184-050 Tie rod splitter	
Jaw opening	17mm
Length	300mm



100-020 Slide hammer hub puller set	
Combination puller with 2 Kg steel slide hammer. Also converts into a 2 or 3 jaw internal or external puller.	

Tie rod tools



Inner tie rod tool	
Code	Size
182-010	33-42mm
182-020	42-50mm



182-030 Tie rod end remover & installer	
Removal and replacement of inner steering ball joints. Range 30 to 35mm, 35 to 40mm and 40 to 45mm	

Ball joint pullers



184-030 Ball joint remover / installer	
Spindle 185mm stroke	
2 x Compression heads 40 & 54mm 3 x Pressure pads 22, 33 & 57mm	
Suitable for most vehicles including Mercedes Benz	



184-040 Pitman arm puller	
Width	33mm
Stroke	64mm

Hub pullers



184-060 Tie rod / ball joint splitter set	
5 Piece.	
Can be used with hammer or pneumatic hammer	



100-010 Hub puller	
Removes wheel hubs mounted on tapered axles. Three adjustable legs adjustable up to 190mm diameter.	



186-010 Hub puller VW / Audi (Polo and A2)	
Hub puller for bearings on VW Polo and Audi A2 with or without ABS	



186-020 Hub puller VW T5	
Hub puller for bearings on VW T5 with or without ABS	

Compressors (piston)



188-010
Compressor
1.5HP 1.1KW
220V Single phase
24L tank
Direct coupled



188-020
Compressor
2HP 1.5KW
220V Single phase
50L tank
Direct coupled



188-030
Compressor V-Twin
3HP 2.2KW
220V Single phase
100L tank
Direct coupled



188-040
Compressor V-Twin
3HP 2.2KW
220V Single phase
150L tank
Belt driven



188-050
Compressor 3 Cyl
3HP 2.2KW
220V Single phase
150L tank
Belt driven



188-060
Compressor petrol
11HP
4 Stroke petrol
100L tank
Belt driven



190-010
Compressor 2 Cyl
3HP 2.2KW
220V Single phase
150L tank
Belt driven



190-020
Compressor 2 Cyl
5.5HP 4KW
380V Three phase
200L tank
Belt driven



190-030
Compressor 2 Cyl
7.5HP 5.5KW
380V Three phase
270L tank
Belt driven



190-040
Compressor 2 Cyl
10HP 7.5KW
380V Three phase
270L tank
Belt driven



192-010
Compressor screw
10HP 7.5KW
380V Three phase
270L tank



192-020
Compressor screw
20HP 15KW
380V Three phase
500L tank

Compressors (screw)

Hose reels (air)



194-010
Air hose reel (Blue)
Hose length 20m
3/8" BSP fitting
PVC hose. Pressure 20Bar
Includes swivel bracket



194-020
Air hose reel (Red)
Hose length 20m
3/8" BSP fitting
PVC hose. Pressure 20Bar
Includes swivel bracket



194-030
Air hose reel
Hose length 15m x 8mm ID
1/4" BSP fitting
Polyurethane hose
Metal reel

Filters / Regulators / Lubricators



194-040
Air hose reel
Hose length 15m
Polyurethane hose
Includes swivel bracket



194-050
Air hose reel
Hose length 9m x 8mm ID
1/4" BSP fitting
Polyurethane hose
Swivel bracket included



Filter, regulator, lubricator & gauge	
Code	Thread
196-010	1/4"
196-020	1/2"
196-030	1"

Filters



Filter	
Code	Thread
198-010	1/4"
198-020	1/2"
198-030	1"

Regulators



Filter, regulator & gauge	
Code	Thread
200-010	1/4"
200-020	1/2"
200-030	1"



Regulator & gauge	
Code	Thread
202-010	1/4"
202-020	1/2"
202-030	1"

Lubricators



Lubricator	
Code	Thread
204-010	1/4"
204-020	1/2"
204-030	1"

Hose clamps



Hose clamps			
Code	Size	Code	Size
206-010	4-12mm	540-090	6-17mm
206-020	10-22mm	540-100	15-27mm
206-030	14-32mm	540-110	17-38mm
206-040	19-44mm	540-120	25-51mm
206-050	32-57mm	540-130	38-63mm
206-060	44-70mm	540-140	51-76mm
206-070	57-82mm	540-150	63-89mm
206-080	70-95mm	540-160	75-102mm



2 Ear clamps	
Code	Size
208-010	9-11mm
208-020	11-13mm
208-030	13-15mm
208-040	15-18mm

Quick couplers



Quick coupler Female thread	
Code	Thread
210-010	1/4"
210-020	3/8"
210-030	1/2"



Quick coupler Male thread	
Code	Thread
212-010	1/4"
212-020	3/8"
212-030	1/2"



Quick coupler Hose barb	
Code	Barb
214-010	6mm
214-020	8mm
214-030	10mm
214-040	12mm

Inserts



Insert Male thread	
Code	Thread
216-010	1/8"
216-020	1/4"
216-030	3/8"
216-040	1/2"



Insert Female thread	
Code	Thread
218-010	1/8"
218-020	1/4"
218-030	3/8"
218-040	1/2"



Insert Hose barb	
Code	Barb
220-010	6mm
220-020	8mm
220-030	10mm
220-040	13mm

Hose connectors



Hose connector Male thread					
Code	Thread	Barb	Code	Thread	Barb
222-010	1/8"	6mm	222-090	3/8"	6mm
222-020	1/8"	8mm	222-100	3/8"	8mm
222-030	1/8"	10mm	222-110	3/8"	10mm
222-040	1/8"	13mm	222-120	3/8"	13mm
222-050	1/4"	6mm	222-130	1/2"	6mm
222-060	1/4"	8mm	222-140	1/2"	8mm
222-070	1/4"	10mm	222-150	1/2"	10mm
222-080	1/4"	13mm	222-160	1/2"	12mm



Hose connector Female thread					
Code	Thread	Barb	Code	Thread	Barb
224-010	1/4"	6mm	224-070	3/8"	10mm
224-020	1/4"	8mm	224-080	3/8"	13mm
224-030	1/4"	10mm	224-090	1/2"	6mm
224-040	1/4"	13mm	224-100	1/2"	8mm
224-050	3/8"	6mm	224-110	1/2"	10mm
224-060	3/8"	8mm	224-120	1/2"	13mm



226-010 Hose connector	
Straight (2 Way) 8mm	



226-020 Hose connector	
T Type (3 Way) 8mm	



226-030 Hose connector	
Y Type (3 Way) 8mm	



226-040 Hose connector	
+Type (4 Way) 8mm	

Impact wrenches



228-030
Impact wrench kit with sockets 1/2" drive
 Capacity 310Nm. Includes 10 impact sockets 9, 10, 11, 13, 14, 17, 19, 22, 24, 27mm, 125mm extension and an in line lubricator.



228-010
Impact wrench 1/2" drive
 Capacity 310Nm. 1/2" drive.



228-020
Impact wrench 1/2" drive
 Capacity 567Nm. 1/2" drive. Twin hammer super strong.

Ratchet wrenches (nut runners)



228-040
Impact wrench 3/4" drive
 Capacity 949Nm. 3/4" drive. Heavy duty.



228-050
Impact wrench 1" drive
 Capacity 2440Nm. 1" drive. Super duty. 6" Anvil.



230-010
Ratchet wrench 3/8" drive
 Capacity 69Nm. 3/8" drive.



230-020
Ratchet wrench 1/2" drive
 Capacity 69Nm. 1/2" drive.

Die grinders



232-030
Die grinder kit 6mm
 Kit includes a 3mm collet. 25000 RPM. Small in size and light weight. 10 Grinding stones included



232-010
Die grinder 6mm
 6mm Collet. 25000 RPM. Small in size and light weight.

Tyre buffer



232-020
Die grinder 6mm
 6mm Collet. 4000 RPM. Small in size and light weight.



234-010
Tyre buffer
 2500RPM. Ideal to prepare tyres and tubes for puncture repairs



234-020
Tyre buffer wheel
 Wheel is included with tyre buffer but available loose if required

Drills



236-010
Reversible drill 10mm
 Chuck size 10mm. Speed 1800RPM. Reversible.



236-020
Reversible drill 13mm
 Chuck size 13mm. Speed 550RPM. Reversible.

Angle grinders



238-010
Angle grinder 115 and 125mm
 10 000RPM. Suitable for 115mm and 125mm cutting and grinding discs.



238-020
Angle grinder 180mm
 8 400RPM. Suitable for 180mm cutting and grinding discs.

Cutter



240-010
Steel cutter 76mm
 Ideal for body panels. 20 000RPM. Small in size and light weight.

Saw



242-010
Reciprocating saw
 Ideal for body panels and exhaust tubing. Capacity 1.6mm (steel), 2mm aluminium

Sanders



Saw blades (Reciprocating saw)		
Code	TPI	Packet
242-020	32	5
242-030	32	5
242-040	32	5



244-010
Orbital sander
 Pad size 95 x 175mm. Very comfortable to use with palm grip for one hand operation. Uses 1/3 abrasive sheets.



244-020
Random orbital sander
 4.8mm Orbits. 150mm Pad with 6 holes. Very comfortable to use with palm grip for one hand operation. Port included for dust extraction.



244-030
Random orbital sander
 2.4mm Orbits. 150mm pad with 6 holes. Very comfortable to use with palm grip for one hand operation.



244-040
Random orbital sander with exhaust tube
 2.4mm Orbits. 150mm pad with 6 holes. Very comfortable to use with palm grip for one hand operation. Hose included for dust extraction.



244-070
Sanding pad for random orbital sander
 6 Hole with hook & loop. 150mm x 5/16 UNF

Sanders



244-050
Random orbital sander 50mm
 50mm pad. Light weight, small and comfortable to use for small jobs.



244-080
Sanding pad for random orbital sander
 Hook & loop. 50mm x 5/16 UNF



244-060
Random orbital sander 150mm
 Pad size 150mm. Suitable for automotive sanding and woodworking work.

Polisher



244-090
Sanding pad for random orbital sander
 Hook & loop. 150mm x 5/16 UNF



246-010
Angle polisher 180mm
 Pad size 180mm. Suitable for automotive work. Slow speed.



246-020
Backing pad for polisher
 180mm



246-030
Sheep's wool buff for polisher
 180mm



248-010
Nail gun (18 gauge (1.25mm) nails)
 Maximum thickness 18 gauge. Length of nails 10 to 32mm. Maximum capacity 100 nails.



248-020
Nail gun (16 gauge (1.65mm) nails)
 Maximum thickness 16 gauge. Length of nails 15 to 50mm. Maximum capacity 100 nails.

Stapler



Nails							
Code	Gauge	Length	Qty	Code	Gauge	Length	Qty
248-030	18	15mm	5000	248-070	16	25mm	2500
248-040	18	20mm	5000	248-080	16	32mm	2500
248-050	18	25mm	5000	248-090	16	38mm	2500
248-060	18	30mm	5000	248-100	16	45mm	2500
				248-110	16	50mm	2500

250-010
Stapler (21 gauge (0.6mm) staples)
 Maximum thickness 21 gauge (0.6mm). Length of staples 6 to 16mm. Maximum capacity 125 nails. Crown width 12.7mm

Staples 21 Gauge					
Code	Length	Qty	Code	Length	Qty
250-020	4mm	10000	250-050	10mm	5000
250-030	6mm	5000	250-060	12mm	5000
250-040	8mm	5000	250-070	14mm	5000



Riveter (Pneumatic)
Container on rear holds mandrels after riveting

Code	Capacity
252-010	2.4 to 4.8mm
252-020	2.4 to 6.35mm

Riveter



Aluminium rivets 100 per packet					
Code	Thickness	Length	Code	Thickness	Length
252-030	3.2mm	6mm	252-120	3.2mm	12mm
252-040	3.2mm	8mm	252-130	3.2mm	15mm
252-050	3.2mm	10mm	252-140	3.2mm	18mm
252-060	4.0mm	6mm	252-150	4.0mm	12mm
252-070	4.0mm	8mm	252-160	4.0mm	15mm
252-080	4.0mm	10mm	252-170	4.0mm	18mm
252-090	4.8mm	8mm	252-180	4.8mm	15mm
252-100	4.8mm	10mm	252-190	4.8mm	18mm
252-110	4.8mm	12mm	252-200	4.8mm	21mm

Needle scaler



254-010 Needle scaler
Ideal for removing paint, cement, rust and welding on uneven surfaces. 2800BPM. 12 Needles.

Grinding discs



Grinding disc (steel) for angle grinder		
Code	Diameter	Width
256-010	100mm	4.5mm
256-020	115mm	6mm
256-030	125mm	6mm
256-040	230mm	6mm



Cutting disc (steel) for angle grinder or cut off saw					
Code	Diameter	Width	Code	Diameter	Width
258-010	76mm	1.1mm	258-100	125mm	1.6mm
258-020	100mm	1mm	258-110	125mm	2.5mm
258-030	100mm	3mm	258-120	180mm	2.5mm
258-040	115mm	0.8mm	258-130	230mm	1.6mm
258-050	115mm	1mm	258-140	230mm	2mm
258-060	115mm	1.6mm	258-150	230mm	2.5mm
258-070	115mm	2.5mm	258-160	230mm	3mm
258-080	115mm	3mm	258-170	350mm	3mm
258-090	125mm	1.2mm	258-180	400mm	3mm



Cutting disc (masonry) for angle grinder or tile / brick cutter					
Code	Diameter	Width	Code	Diameter	Width
260-010	115mm	1mm	260-060	125mm	2.5mm
260-020	115mm	1.6mm	260-070	230mm	2mm
260-030	115mm	2mm	260-080	230mm	2.5mm
260-040	115mm	2.5mm	260-090	230mm	3mm
260-050	115mm	3mm	260-100	350mm	3mm

Grinding wheels



Grinding wheel for bench grinder			
Code	Diameter	Width	Grit
262-010	150mm	20mm	36
262-020	150mm	20mm	46
262-030	150mm	20mm	60
262-040	200mm	20mm	36
262-050	200mm	20mm	46
262-060	200mm	20mm	60
262-070	200mm	25mm	36
262-080	200mm	25mm	46
262-090	200mm	25mm	60

Wire wheels



Wire wheel for bench grinder					
Code	Diameter	Width	Code	Diameter	Width
264-010	100mm	12mm	264-070	150mm	25mm
264-020	100mm	20mm	264-080	200mm	20mm
264-030	100mm	25mm	264-090	200mm	25mm
264-040	127mm	12mm	264-100	250mm	25mm
264-050	127mm	19mm	264-110	250mm	40mm
264-060	150mm	19mm	264-120	305mm	50mm

Wire brushes



Wire brush for drill or die grinder			
Code	Diameter	Code	Diameter
266-010	6mm	266-030	20mm
266-020	15mm	266-040	25mm

Wire cup brushes



Wire cup brush for angle grinder			
Code	Diameter	Code	Diameter
268-010	60mm	268-050	120mm
268-020	76mm	268-060	140mm
268-030	85mm	268-070	150mm
268-040	100mm		



Wire cup brush with 6mm shaft for drill or die grinder			
Code	Diameter	Code	Diameter
270-010	50mm	270-030	75mm
270-020	65mm	270-040	85mm

Wire brush sets



272-010 Wire brush decarbon set
4 Piece



272-020 Wire brush decarbon set
7 Piece

Water paper



Water paper 230mm x 280mm								
Code	Grit	Quantity	Code	Grit	Quantity	Code	Grit	Quantity
274-010	60	4	274-180	60	10	274-350	60	50
274-020	80	4	274-190	80	10	274-360	80	50
274-030	100	4	274-200	100	10	274-370	100	50
274-040	120	4	274-210	120	10	274-380	120	50
274-050	150	4	274-220	150	10	274-390	150	50
274-060	180	4	274-230	180	10	274-400	180	50
274-070	220	4	274-240	220	10	274-410	220	50
274-080	320	4	274-250	320	10	274-420	320	50
274-090	360	4	274-260	360	10	274-430	360	50
274-100	400	4	274-270	400	10	274-440	400	50
274-110	600	4	274-280	600	10	274-450	600	50
274-120	800	4	274-290	800	10	274-460	800	50
274-130	1000	4	274-300	1000	10	274-470	1000	50
274-140	1200	4	274-310	1200	10	274-480	1200	50
274-150	1500	4	274-320	1500	10	274-490	1500	50
274-160	2000	4	274-330	2000	10	274-500	2000	50
274-170	2500	4	274-340	2500	10	274-510	2500	50

Cabinet paper



Cabinet paper 230mm x 280mm								
Code	Grit	Quantity	Code	Grit	Quantity	Code	Grit	Quantity
278-010	60	4	278-080	60	10	278-150	60	50
278-020	80	4	278-090	80	10	278-160	80	50
278-030	100	4	278-100	100	10	278-170	100	50
278-040	120	4	278-110	120	10	278-180	120	50
278-050	150	4	278-120	150	10	278-190	150	50
278-060	180	4	278-130	180	10	278-200	180	50
278-070	220	4	278-140	220	10	278-210	220	50

Flap discs



Flap disc					
Code	Diameter	Grit	Code	Diameter	Grit
282-010	100mm	40	282-090	180mm	40
282-020	100mm	60	282-100	180mm	60
282-030	100mm	80	282-110	180mm	80
282-040	100mm	120	282-120	180mm	120
282-050	115mm	40	282-130	230mm	40
282-060	115mm	60	282-140	230mm	60
282-070	115mm	80	282-150	230mm	80
282-080	115mm	120	282-160	230mm	120

Sanding disc (hook and loop) without holes					
Code	Diameter	Grit	Code	Diameter	Grit
284-010	50mm	40	284-130	125mm	40
284-020	50mm	60	284-140	125mm	60
284-030	50mm	80	284-150	125mm	80
284-040	50mm	120	284-160	125mm	120
284-050	50mm	180	284-170	125mm	180
284-060	50mm	240	284-180	125mm	240
284-070	115mm	40	284-190	150mm	40
284-080	115mm	60	284-200	150mm	60
284-090	115mm	80	284-210	150mm	80
284-100	115mm	120	284-220	150mm	120
284-110	115mm	180	284-230	150mm	180
284-120	115mm	240	284-240	150mm	240

Sanding disc (hook and loop) with holes					
Code	Diameter	Grit	Code	Diameter	Grit
286-010	50mm	40	286-130	125mm	40
286-020	50mm	60	286-140	125mm	60
286-030	50mm	80	286-150	125mm	80
286-040	50mm	120	286-160	125mm	120
286-050	50mm	180	286-170	125mm	180
286-060	50mm	240	286-180	125mm	240
286-070	115mm	40	286-190	150mm	40
286-080	115mm	60	286-200	150mm	60
286-090	115mm	80	286-210	150mm	80
286-100	115mm	120	286-220	150mm	120
286-110	115mm	180	286-230	150mm	180
286-120	115mm	240	286-240	150mm	240

Flap wheels

Flap wheel										
Code	Diameter	Width	Grit	Shaft	Code	Diameter	Width	Grit	Shaft	
288-010	30mm	15mm	40	6mm	288-160	60mm	40mm	40	6mm	
288-020	30mm	15mm	60	6mm	288-170	60mm	40mm	60	6mm	
288-030	30mm	15mm	80	6mm	288-180	60mm	40mm	80	6mm	
288-040	30mm	15mm	120	6mm	288-190	60mm	40mm	120	6mm	
288-050	30mm	15mm	150	6mm	288-200	60mm	40mm	150	6mm	
288-060	40mm	20mm	40	6mm	288-210	80mm	50mm	40	6mm	
288-070	40mm	20mm	60	6mm	288-220	80mm	50mm	60	6mm	
288-080	40mm	20mm	80	6mm	288-230	80mm	50mm	80	6mm	
288-090	40mm	20mm	120	6mm	288-240	80mm	50mm	120	6mm	
288-100	40mm	20mm	150	6mm	288-250	80mm	50mm	150	6mm	
288-110	50mm	40mm	40	6mm	288-260	30mm	10mm	60	3mm	
288-120	50mm	40mm	60	6mm	288-270	30mm	10mm	80	3mm	
288-130	50mm	40mm	80	6mm	288-280	30mm	10mm	120	3mm	
288-140	50mm	40mm	120	6mm	288-290	30mm	10mm	180	3mm	
288-150	50mm	40mm	150	6mm	288-300	30mm	10mm	240	3mm	



Emery cloth



Emery cloth							
Code	Width	Length	Grit	Code	Width	Length	Grit
276-010	25mm	10m	40	276-150	25mm	50m	40
276-020	25mm	10m	60	276-160	25mm	50m	60
276-030	25mm	10m	80	276-170	25mm	50m	80
276-040	25mm	10m	120	276-180	25mm	50m	120
276-050	25mm	10m	180	276-190	25mm	50m	180
276-060	25mm	10m	240	276-200	25mm	50m	240
276-070	25mm	10m	400	276-210	25mm	50m	400
276-080	50mm	10m	40	276-220	50mm	50m	40
276-090	50mm	10m	60	276-230	50mm	50m	60
276-100	50mm	10m	80	276-240	50mm	50m	80
276-110	50mm	10m	120	276-250	50mm	50m	120
276-120	50mm	10m	180	276-260	50mm	50m	180
276-130	50mm	10m	240	276-270	50mm	50m	240
276-140	50mm	10m	400	276-280	50mm	50m	400

Production rolls



Production roll			
Code	Width	Length	Grit
280-010	70mm	50m	40
280-020	70mm	50m	60
280-030	70mm	50m	80
280-040	70mm	50m	120

Sanding discs



Impact drills



290-010
Impact drill 650W 13mm
 Variable electronic speed with forward and reverse direction. 650W Power. 13mm Geared chuck



290-020
Impact drill 1300W 13mm
 Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 1300W Power. 13mm Geared chuck. Mechanical safety clutch included.

Hammer drills



290-030
Rotary hammer drill 800W 24mm (masonry)
 Variable electronic speed with forward and reverse direction. 2.3J Chiseling capacity. 800W Power. SDS chuck. Capacity 24mm masonry.

Mag base drill



290-040
Rotary hammer drill 1100W 24mm (masonry)
 Variable electronic speed with forward and reverse direction. 2.8J Chiseling capacity. 1100W Power. SDS chuck but also a standard quick change keyless 13mm included. Capacity 24mm masonry.



292-010
Mag base drill 1000W 32mm (Steel)
 Broach cutter adaptor included. 1000W Power. 16mm Geared chuck and chuck adaptor available.

Die grinder



294-010
Die grinder 710W 6mm chuck
 Variable electronic speed 10 000 to 30 000RPM. 710W Power. 6mm chuck.

Impact wrench



296-010
Impact wrench 650W 600Nm 1/2" Drive
 650W Power. 600Nm torque. 2100 RPM speed.

Angle grinders



298-010
Angle grinder 115mm 850W
 Angle grinder 115mm capacity. 850W Power.



298-020
Angle grinder 115mm 1100W
 Angle grinder 115mm capacity. 1100W Power.

Cut off saw



298-030
Angle grinder 230mm 2200W
 Angle grinder 230mm capacity. 2200W Power.



298-040
Angle grinder 230mm 2600W
 Angle grinder 230mm capacity. 2600W Power.



300-010
Cut off saw 355mm 2300W
 Cut off saw 355mm blade. 2300W Power.

Heat gun



302-010
Heat gun 2000W 3 Speed
 Three speed 150 / 300 / 500L/min. Temperature 80 to 600°C.

Glue gun



304-010
Glue gun
 Non drip nozzle. Capacity 18g/min. 11W.

Screwdriver / drill



306-010
Cordless drill / screwdriver 12V
 Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 10mm keyless chuck. 2 x 12V 2Ah Li-Iron batteries with fast charger. Maximum torque 40Nm.

Screwdriver impact drill



306-020
Cordless drill / screwdriver / impact drill 18V
 Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 13mm keyless chuck. 2 x 18V 2Ah Li-Iron batteries with fast charger. Maximum torque 50Nm.



306-030
Cordless drill / screwdriver / impact drill 18V
 Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 13mm keyless chuck. 2 x 18V 4Ah Li-Iron batteries with fast charger. Maximum torque 60Nm.



306-040
Cordless drill / screwdriver / impact drill 18V
 Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 13mm keyless chuck. 2 x 18V 5.2Ah Li-Iron batteries with fast charger. Maximum torque 120Nm.

Hammer drill



308-010
Cordless rotary hammer drill 24mm (masonry)
 Variable electronic speed with forward and reverse direction. 2.2J Chiseling capacity. SDS chuck but also a standard quick change keyless 13mm chuck included. Capacity 24mm masonry. No batteries or charger included.

Batteries



310-010
Li-Iron 12 to 36V battery charger
 Fast charger, air cooled



Li-Iron battery					
Code	Voltage	Amp Hour	Code	Voltage	Amp Hour
310-020	12V	2.0Ah	310-070	18V	8.0Ah
310-030	12V	4.0Ah	310-080	18V	10.0Ah
310-040	18V	2.0Ah	310-090	36V	5.2Ah
310-050	18V	4.0Ah	310-100	36V	6.2Ah
310-060	18V	5.5Ah			

Impact wrench



Cordless impact wrench	
Code	Torque
312-010	300Nm
312-020	400Nm
312-030	600Nm

Angle grinders



314-010
Cordless angle grinder 115/125mm 18V
 115 / 125mm. No load speed 9000RPM.



314-020
Cordless angle grinder 230mm 36V
 230mm. No load speed 6600RPM. Battery not included.

Brake lathes



316-010
On car disc brake lathe

Complete with heavy duty drive motor mounted on adjustable stand, cutting lathe with universal fittings, alignment tools, cutting bits and manual. Easy to use.



316-020
On car and off car disc brake lathe

It is possible to mount disc directly onto the lathe. Earn more income by clients dropping off discs for skimming. Also possible to cut discs directly on the vehicle. Complete with heavy duty drive motor mounted on adjustable stand, cutting lathe with universal fittings, alignment tools, cutting bits and manual. Easy to use.



316-030
Off car / truck
Drum, disc brake and flywheel lathe

Complete with stand and all accessories
Disc diameter 102-610mm
Disc width up to 73mm
Drum diameter 152-711mm
Drum depth up to 229mm
220V 50Hz Single phase

Brake tester



318-010
Brake tester

Decelerometer that allows the execution of braking efficiency tests on the road for light and heavy vehicles with convenient Bluetooth connection

Brake tools



320-010
Disc brake separator

Maximum opening 65mm



320-020
Wind back tool

Cube
6 Popular sizes



320-030
Brake wind back tool

7 Piece. Suitable for most popular vehicles.



320-040
Brake wind back tool

11 Piece. Suitable for most popular vehicles.



320-050
Brake wind back tool

18 Piece. Very comprehensive set suitable for most vehicles. Includes left and right threaded tools.



320-060
Brake wind back tool

21 Piece. Very comprehensive set suitable for most vehicles. Includes left and right threaded tools.

Brake bleeders



322-010
Brake bleeder / vacuum system tester
 Suitable to bleed brakes with one person and to test vacuum related systems accurately.



322-020
Brake / clutch bleeder (pressure method)
 Suitable to bleed brakes and clutches with one person. Can be used on ABS brakes.



322-030
Brake spring washer tool
 To remove and install stubborn hold-down springs. Suitable for spring washers 5/8" to 7/8" (12 - 22mm) in diameter

Brake fluid / system testers



324-010
Brake fluid tester
 Detects moisture in DOT 3, 4 and 5 brake fluid. Easy to read 3 colour LED display



324-020
Brake service & inspection kit
 Kit includes brake fluid tester, disc brake vernier, tyre tread gauge and disc pad thickness gauge



Brake cylinder hone
Professional ball type

Code	Size	Range	Grit
326-010	12mm	10 - 14mm	180 grit
326-020	14mm	12 - 16mm	180 grit
326-030	16mm	14 - 18mm	180 grit
326-040	18mm	16 - 20mm	180 grit
326-050	20mm	18 - 22mm	180 grit
326-060	22mm	20 - 25mm	180 grit
326-070	25mm	22 - 29mm	180 grit
326-080	29mm	25 - 35mm	180 grit
326-090	35mm	29 - 41mm	180 grit

Other sizes and grits available on request



328-010
Brake cylinder hone
 Two stone 13 to 64mm



328-020
Brake cylinder hone
 Three stone 19 to 64mm



Stone sets

Code	Set
328-030	Two stone
328-040	Three stone

Brake tools



330-010
Brake spring plier
 Tool easily removes and installs shoe return springs on most drum brakes



330-020
Brake adjuster
 To adjust brake drum shoes



330-030
Brake spring washer tool
 To remove and install stubborn hold-down springs. Suitable for spring washers 5/8" to 7/8" (12 - 22mm) in diameter

Valve refacer



332-010
Valve refacer
230 V Single phase. Machine is complete with stone dresser. Cut valves with stem diameter from 5 - 18 mm. Special design, no need for collets to clamp valve stems.

Valve seat grinder



334-010
Valve seat grinder
Machine is complete with self centering pilots and grinding wheels 26 - 63 mm diameter. Stone dresser included to reface grinding wheels. 220V Single phase.

Valve seat cutter



334-020
Valve seat cutting tool
Precision machined tungsten carbide blades produce valve seats with accurate seat angles, superior surface and true flat seal. Seats concentric with valve guide.



334-030
Oscillating valve lapper
Unique mechanism converts rotary drill action to oscillating grinding motion. 22/28mm sucker head fits most valves.

Valve lappers



334-040
Double-ended valve grinder set
Suitable for grinding most engine valves. Suction cup sizes: 15, 20, 28, 34mm.

Valve spring tester



336-010
Valve spring compressor
0 - 700 lbs/in
0 - 320 Kg/in

Block testers



338-010
Block tester
Testing kit to check cylinder heads and blocks for cracks and / or blown gaskets



338-020
Block testing fluid
Additional fluid to be used with block tester. Recommended to keep fluid refrigerated to extend shelf life

Valve spring compressors



340-010
Universal Valve Spring Installer & Remover Set
 Used for removing and installing valve spring
 Applications: Audi, Citroen, Fiat, Ford, Honda, Mazda, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Toyota, Vauxhall, VW, Volvo



340-020
Universal Valve Spring Installer & Remover Set
 Used for removing and installing valve spring
 Applications: Audi, Citroen, Fiat, Ford, Honda, Mazda, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Toyota, Vauxhall, VW, Volvo
 Includes valve stem seal pliers and pneumatic hose and fittings to keep valves closed with compressed air



340-030
Valve spring compressor
 For large engines complete with two sets of jaws.
 Capacity 55 - 165 mm with offset jaws and 75 - 185 mm with straight jaws.
 Throat clearance 245 mm.



340-040
Multi valve spring compressor
 For multi-valve petrol & diesel engines, specially designed for difficult access & deep-seated multi-valve cylinder heads. Includes two valve spring adapters, which fit valve spring retainers up to 1" (25mm) and 1-3/16" (30mm). Jaw opening of 1-3/8" to 5-5/8" (35mm to 142mm) Throat clearance of 5-7/8" (150mm).



340-050
Multi valve spring compressor
 Suitable for use on multi-valve petrol and diesel engines with deep-seated valves. Suitable also for general use on OHC engines. Universal jaw with 55-175mm capacity and 165mm throat depth. Reversible jaw and adaptor. Twin cam action permits use from above or below valve.



340-060
OHV Valve Spring Compressor
 Used on a wide range of OHV engines. Allows valve springs and valve stem oil seals to be replaced with the cylinder head mounted. Features a reversible jaw adaptor and automatic cam-action locking system to a pre-determined setting. NOT suitable for use on engines with deep seated valves.



340-070
Valve pressure spring compressor
 BMW
 N20/N26/N55
 Installer / Remover
 For removal and installation of valve pressure springs



340-080
Valve pressure spring compressor
 BMW, Peugeot
 N12/N16/N18
 Installer / Remover
 For removal and installation of valve pressure springs

Valve pliers



340-090
Valve Stem Seal Pliers
 Used to reach into confined areas for removal of valve seals. Serrated tip for better grip of valve seals



344-040
Piston ring compressor set
 Installs pistons from 2.7/8" to 4.3/8" (73 to 111mm). 6 Bands. Ratchet allows for bands to compress in small increments.

Piston ring compressors



Piston ring compressors
 Self locking ratchet pawl allows positive locking action. Friction proof band edge makes a smooth & accurate operation.

Code	Height	Capacity
344-010	3" 76mm	53-125mm
344-020	4" 100mm	60-175mm
344-030	6" 150mm	60-175mm

Piston ring pliers



342-010
Piston ring groove cleaner

Fits 2" - 5" (51 - 127 mm) pistons. Three six blade cutters cover all major piston ring grooves. SAE & Metric.



342-020
Piston ring installer

Makes ring installation fast and easy. Protects against ring breakage. Suitable for rings from 64 to 159mm. Spring loaded for one hand operation.



342-030
Piston ring plier

Removes and installs rings easily & fast without the danger of breakage or distortion. No adjustment needed, expands all rings from 1.1/4" - 4.1/4" 32-108mm

Cylinder hones



346-010
Cylinder hone small engine 3 stone

Suitable from 1.1/4" to 3.1/2" (32-90 mm) 3 Medium grit stones are 2" (50 mm) long. Square ended stones polish to the end in step or blind end cylinders. Flexible shaft.



346-020
Cylinder hone engine 3 stone

For cylinders from 2" to 7" (50 - 177 mm) 3 Medium grid stones 4" (100 mm) long for quick polishing or honing



Honing stones
Three medium grit stones
Complete with pins.

Code	Length	Hone
346-030	50mm	346-010
346-040	100mm	346-020

Cylinder hone
Professional ball type

Code	Size	Range	Grit
348-010	41mm	38 - 45mm	180 grit
348-020	45mm	41 - 51mm	180 grit
348-030	51mm	45 - 57mm	180 grit
348-040	57mm	51 - 64mm	180 grit
348-050	64mm	57 - 70mm	180 grit
348-060	70mm	64 - 76mm	180 grit
348-070	76mm	70 - 83mm	180 grit
348-080	83mm	76 - 89mm	180 grit
348-090	89mm	83 - 95mm	180 grit
348-100	95mm	89 - 101mm	180 grit
348-110	101mm	95 - 105mm	180 grit

Other sizes and grits available on request



Thread repair inserts



Thread insert set
Includes drill, tap, insert tool and breakout punch

Code	Size
350-010	M4 x 0.7mm
350-020	M5 x 0.8mm
350-030	M6 x 1.0mm
350-040	M8 x 1.25mm
350-050	M10 x 1.5mm
350-060	M12 x 1.75mm

Spark plug repair inserts



352-010
Thread insert kit 14 mm spark plug

Repairs damaged threads on aluminum cylinder heads. Includes tap & 4 solid steel inserts of sizes 9.5, 11, 12.7 and 19mm



352-020
Spark plug hole thread chaser
14 and 18mm thread.



350-070
Thread insert kit

M6, M8 and M10
Includes drills, taps, insert tools and breakout punches

Taps



Tap (metric)					
Code	Thread	Code	Thread	Code	Thread
354-010	3 x 0.35mm	354-020	3 x 0.5mm	354-030	4 x 0.5mm
354-040	4 x 0.7mm	354-050	5 x 0.5mm	354-060	5 x 0.8mm
354-070	6 x 0.75mm	354-080	6 x 1.0mm	354-090	7 x 1.0mm
354-100	8 x 1.0mm	354-110	8 x 1.25mm	354-120	9 x 1.25mm
354-130	10 x 1.5mm	354-140	11 x 1.5mm	354-150	12 x 1.25mm
354-160	12 x 1.75mm	354-170	14 x 1.0mm	354-180	14 x 1.5mm
354-190	14 x 2.0mm	354-200	16 x 1.5mm	354-210	16 x 2.0mm
354-220	18 x 1.5mm	354-230	18 x 2.0mm	354-240	18 x 2.5mm
354-250	20 x 1.5mm	354-260	20 x 2.5mm	354-270	22 x 1.5mm
354-280	22 x 2.5mm	354-290	24 x 2.0mm	354-300	24 x 3.0mm
354-310	27 x 2.0mm	354-320	27 x 3.0mm	354-330	30 x 1.5mm
354-340	30 x 3.5mm	354-350	36 x 4.0mm	354-360	42 x 4.5mm

Thread files



Thread file Internal and external		
Code	Type	Pitch
356-010	Metric	0.8 to 3mm
356-020	Imperial	11,12,13,14, 16,18,20,24TPI
356-030	Imperial	9,10,12,16,20, 27,28,32TPI

Thread file External		
Code	Type	Pitch
358-010	Metric	0.8 to 3mm
358-020	Imperial	11,12,13,14, 16,18,20,24TPI
358-030	Imperial	9,10,12,16,20, 27,28,32TPI

Dies



Die nut (metric)					
Code	Thread	Code	Thread	Code	Thread
360-010	3 x 0.35mm	360-020	3 x 0.5mm	360-030	4 x 0.7mm
360-040	5 x 0.8mm	360-050	6 x 0.75mm	360-060	6 x 1.0mm
360-070	7 x 1.0mm	360-080	8 x 1.0mm	360-090	8 x 1.25mm
360-100	9 x 1.25mm	360-110	10 x 1.25mm	360-120	10 x 1.5mm
360-130	11 x 1.5mm	360-140	12 x 1.25mm	360-150	12 x 1.75mm
360-160	14 x 1.5mm	360-170	14 x 2.0mm	360-180	16 x 1.5mm
360-190	16 x 2.0mm	360-200	18 x 1.5mm	360-210	18 x 2.5mm
360-220	20 x 1.5mm	360-230	20 x 2.5mm	360-240	22 x 1.5mm
360-250	22 x 2.5mm	360-260	24 x 2.0mm	360-270	24 x 3.0mm
360-280	30 x 3.5mm	360-290	36 x 4.0mm		

Die (metric)					
Code	Thread	Code	Thread	Code	Thread
362-010	3 x 0.5mm	362-020	4 x 0.5mm	362-030	4 x 0.7mm
362-040	5 x 0.5mm	362-050	5 x 0.8mm	362-060	6 x 0.5mm
362-070	6 x 0.75mm	362-080	6 x 1.0mm	362-090	7 x 1.0mm
362-100	8 x 1.0mm	362-110	8 x 1.25mm	362-120	9 x 1.25mm
362-130	10 x 1.25mm	362-140	10 x 1.5mm	362-150	11 x 1.5mm
362-160	12 x 1.25mm	362-170	12 x 1.75mm	362-180	14 x 1.0mm
362-190	14 x 2.0mm	362-200	16 x 1.5mm	362-210	16 x 2.0mm
362-220	18 x 1.0mm	362-230	18 x 1.5mm	362-240	18 x 2.5mm
362-250	20 x 1.5mm	362-260	20 x 2.5mm	362-270	22 x 1.5mm
362-280	22 x 2.5mm	362-290	24 x 2.0mm	362-300	24 x 3.0mm
362-310	27 x 2.0mm	362-320	27 x 3.0mm	362-330	30 x 2.0mm
362-340	30 x 3.5mm	362-350	36 x 4.0mm		

Die handles



Die stock			
Code	Type	Size	Tap
364-010	Die stock	13/16"	M3 - M6
364-020	Die stock	1"	M4 - M10
364-030	Die stock	1.5/16"	M6 - M14
364-040	Die stock	1.1/2"	M8 - M20
364-050	Die stock	2"	M12 - M27

Tap handles



Tap wrench			
Code	Type	Size	Tap
366-010	Tap wrench	2.8 - 5mm	M3.5 - M6
366-020	Tap wrench	4 - 10mm	M5 - M16
366-030	Tap wrench	4 - 12mm	M5 - M20
366-040	Tap wrench	5.3 - 17mm	M7 - M30

Drills



Steel drills Fully ground							
Code	Size	Code	Size	Code	Size	Code	Size
368-010	1mm	368-170	4.2mm	368-330	7.4mm	368-490	10.6mm
368-020	1.2mm	368-180	4.4mm	368-340	7.6mm	368-500	10.8mm
368-030	1.4mm	368-190	4.6mm	368-350	7.8mm	368-510	11.0mm
368-040	1.6mm	368-200	4.8mm	368-360	8.0mm	368-520	11.2mm
368-050	1.8mm	368-210	5mm	368-370	8.2mm	368-530	11.4mm
368-060	2.0mm	368-220	5.2mm	368-380	8.4mm	368-540	11.6mm
368-070	2.2mm	368-230	5.4mm	368-390	8.6mm	368-550	11.8mm
368-080	2.4mm	368-240	5.6mm	368-400	8.8mm	368-560	12.0mm
368-090	2.6mm	368-250	5.8mm	368-410	9.0mm	368-570	12.2mm
368-100	2.8mm	368-260	6.0mm	368-420	9.2mm	368-580	12.4mm
368-110	3.0mm	368-270	6.2mm	368-430	9.4mm	368-590	12.6mm
368-120	3.2mm	368-280	6.4mm	368-440	9.6mm	368-600	12.8mm
368-130	3.4mm	368-290	6.6mm	368-450	9.8mm	368-610	13.0mm
368-140	3.6mm	368-300	6.8mm	368-460	10.0mm	368-620	13.2mm
368-150	3.8mm	368-310	7.0mm	368-470	10.2mm	368-630	13.4mm
368-160	4.0mm	368-320	7.2mm	368-480	10.4mm	368-640	13.5mm

Steel drills (reduced shanks 13mm) Fully ground					
Code	Size	Code	Size	Code	Size
370-010	14mm	370-070	17mm	370-130	20mm
370-020	14.5mm	370-080	17.5mm	370-140	20.5mm
370-030	15mm	370-090	18mm	370-150	21mm
370-040	15.5mm	370-100	18.5mm	370-160	21.5mm
370-050	16mm	370-110	19mm	370-170	22mm
370-060	16.5mm	370-120	19.5mm	370-180	24mm

Tap & Die sets



372-010
Tap & Die set (metric) M2 to M18
110 Piece
M2 to M18 in various pitch sizes



372-020
Tap & Die set (metric) M6 to M20
37 Piece
M6, M8, M10, M12, M16, M18 and M20



372-030
Tap & Die set (imperial) 5/16 - 1/2"
20 Piece
5/16" to 1/2"



372-040
Tap & Die set (metric) M3 to M12
32 Piece
M3, M4, M5, M6, M8, M10 and M12



372-050
Tap & Die set (metric) M3 to M12
44 Piece
M3, M4, M5, M6, M8, M10 and M12



372-060
Tap & Die set (metric) M3 to M12
41 Piece
M3, M4, M5, M6, M8, M10 and M12

Step drills



374-010
Step drill
4 to 22 mm
Steps of 2mm
4, 6, 8, 10, 12, 14, 16, 18, 20 and 22mm



374-020
Step drill
5 to 35 mm
Steps of 2 to 3mm
5, 8, 10, 12, 14, 17, 20, 22, 25, 27, 30, 32 and 35mm



376-010
Drill set 1 to 10mm
19 Piece
1 to 10mm in each 0.5mm size



376-020
Drill set 1 to 13mm
25 Piece
1 to 13mm in each 0.5mm size



376-030
Drill set 1 to 13mm (Cobalt)
25 Piece
1 to 13mm in each 0.5mm size

Drill sets

Rotary burrs



Carbide rotary burr Cylindrical shape with top flat cutter				
Code	Diameter	Length	Total length	Shaft
378-010	6mm	16mm	61mm	6mm
378-020	8mm	20mm	65mm	6mm
378-030	10mm	20mm	65mm	6mm
378-040	12mm	25mm	70mm	6mm
378-050	16mm	25mm	70mm	6mm



Carbide rotary burr Cylindrical shape with ball nose				
Code	Diameter	Length	Total length	Shaft
380-010	6mm	16mm	61mm	6mm
380-020	8mm	20mm	65mm	6mm
380-030	10mm	20mm	65mm	6mm
380-040	12mm	25mm	70mm	6mm
380-050	16mm	25mm	70mm	6mm



Carbide rotary burr Ball nose taper shape				
Code	Diameter	Length	Total length	Shaft
382-010	10mm	25mm	70mm	6mm
382-020	12mm	28mm	73mm	6mm
382-030	16mm	33mm	78mm	6mm



Carbide rotary burr Tree shape ball nose				
Code	Diameter	Length	Total length	Shaft
384-010	6mm	18mm	63mm	3mm
384-020	8mm	20mm	65mm	6mm
384-030	12mm	32mm	77mm	6mm



Carbide rotary burr Tree shape with sharp point				
Code	Diameter	Length	Total length	Shaft
386-010	6mm	18mm	63mm	6mm
386-020	10mm	20mm	65mm	6mm
386-030	12mm	25mm	70mm	6mm
386-040	16mm	25mm	70mm	6mm



Carbide rotary burr Ball shape				
Code	Diameter	Length	Total length	Shaft
388-010	6mm	5mm	50mm	6mm
388-020	8mm	7mm	47mm	6mm
388-030	10mm	9mm	49mm	6mm
388-040	12mm	12mm	61mm	6mm
388-050	16mm	14mm	54mm	6mm

Measuring tapes



Measuring tape	
Code	Length
390-010	3m
390-020	5m
390-030	8m
390-040	10m

Rulers



Steel ruler	
Code	Length
392-010	150mm
392-020	300mm
392-030	600mm
392-040	1000mm

Straight edges



Straight edge Professional	
Code	Length
394-010	300mm
394-020	500mm
394-030	1000mm

Engineers square



Engineer square	
Code	Length
396-010	100mm
396-020	150mm
396-030	200mm
396-040	300mm

Builders square



Square Builders / Carpenters	
Code	Size
398-010	200 x 300mm
398-020	400 x 600mm

Combination square



400-010 Combination square set	
300mm	

Feeler gauges



Feeler gauge				
Code	Range	Blades	Length	Standard
402-010	0.03-1mm 0,0015-0,025"	26	100mm	Metric Imperial
402-020	0.05-1mm		150mm	Metric
402-030	0.05-1mm		200mm	Metric
402-040	0.05-1mm		300mm	Metric

Screw pitch gauges



404-010 Screw pitch gauge	
Metric and imperial	

Radius gauges



406-010 Radius gauge	
Inside and outside	

Standard verniers



Vernier Standard	
Code	Length
408-010	150mm
408-020	200mm
408-030	300mm

Dial type verniers



Vernier Dial	
Code	Length
410-010	150mm
410-020	200mm
410-030	300mm

Digital vernier



Vernier Digital	
Code	Length
412-010	150mm
412-020	200mm
412-030	300mm

Inside micrometers



Outside micrometer Standard type	
Code	Range
414-010	0 to 25mm
414-020	25 to 50mm
414-030	50 to 75mm
414-040	75 to 100mm

Digital micrometers available on request



416-010 Outside micrometer 0 to 100mm	
4 Piece	
0 - 25mm, 25 - 50mm, 50 - 75mm and 75 - 100mm	
Digital micrometer sets available on request	



416-020 Outside micrometer 0 to 150mm	
6 Piece	
0 - 25mm, 25 - 50mm, 50 - 75mm, 75 - 100mm, 100 - 125mm and 125 - 150mm	
Digital micrometer sets available on request	

Dial gauge



418-010 Dial gauge	
With lug at back. 0 to 10mm x 0.01mm	

Magnetic base



420-010 Magnetic base	
Includes fine adjustment	

Bore gauges



Bore gauge set Dial type	
Code	Range
422-010	18 to 35mm
422-020	35 to 60mm
422-030	50 to 160mm

Telescopic gauges



424-010 Telescopic gauge set	
8 to 150mm	

V Blocks



V Blocks Magnetic	
Code	Size
426-010	75mm
426-020	100mm
426-030	150mm

Scribers



428-010 Scriber	
190mm	

Spring calipers



Spring caliper Inside	
Code	Size
430-010	100mm
430-020	150mm
430-030	200mm
430-040	250mm
430-050	300mm



Spring caliper Outside	
Code	Size
432-010	100mm
432-020	150mm
432-030	200mm
432-040	250mm
432-050	300mm



Spring divider	
Code	Size
434-010	100mm
434-020	150mm
434-030	200mm
434-040	250mm
434-050	300mm

4 Gas analyser (5 Gas option)



436-010
4-Gas analyser (5-Gas optional)
 Used to measure CO, HC, O2 and Co2 (NOX Optional)
 These readings can be used to analyse and adjust the most advance fuel injection and carburetor system.
 Lambda, AFR and corrective CO can be displayed as well.
 The warm up time is 3 minutes. Printer included

Diagnostic scanners



Super diagnostic scanner
 * Read fault codes * Erase fault codes * Reset oil and service lights * Do adjustments
 * View live data * Test actuators * Do dynamic tests * Code components
 * View technical data and wiring diagrams (optional)
 Communication via Blue Tooth or wired
 Printouts possible through data transfer to optional printer
 Software updates via internet

Code	Tablet / PC	Blue Tooth	Wired	Updates	Haynes Pro
438-010	Excluded	Yes	No	Included	Included
438-020	Included	Yes	No	Included	Included
438-030	Included	No	Yes	Included	Included

Smoke tester



440-010
Diesel smoke tester
 Complies with European regulations. Micro processor controlled. To be connected to the 4 / 5 Gas analyser or can work on it's own by interfacing to a computer.



442-010
Diagnostic scanner (PC Based)
 Bluetooth interface complete with all cables, pins and software. Possible to scan vehicles fitted with 16 pin OBD plugs but also vehicles with older round or square plugs. Includes a 2 channel oscilloscope. Software updates available every 6 months and lowest cost in the industry. Only R1500 per update. PC not included.

Gas analyser (CO Tester)



436-020
Digital CO Tester
 Portable CO tester to test fuel injection and carburetor systems. 12 V operation.



444-010
Diagnostic scanner (PC Based)
 Bluetooth interface complete with all cables, pins and software. Fault finding and technical data included. Software available for cars, trucks, trailers, earth moving vehicles, agricultural vehicles, motorcycles and marine industry. PC not included.

Compression testers



446-010
Petrol compression tester
Includes ridged and flexible hoses with fittings for most petrol engines



446-020
Petrol compression tester with printout (cards)
Includes ridged and flexible hoses with fittings for most petrol engines. Packet of 100 cards included.



448-010
Diesel compression tester
Includes a wide variety of injector adaptors for diesel engines. Pressure 70Bar.



448-020
Diesel compression tester
Includes a wide variety of glow plug adaptors for diesel engines. Pressure 70Bar.



448-030
Diesel compression tester with printout (cards)
Includes ridged and flexible hoses with fittings for diesel engines. Packet of 100 cards included. All adaptors sold separately



450-010
Fuel injection pressure tester
Suitable for petrol injection systems
Pressure 0 to 7Bar

Fuel injection pressure testers



450-020
Fuel injection pressure tester
Suitable for petrol injection systems
Complete with a range of fittings
Pressure 0 to 7Bar



450-030
Fuel injection pressure tester (Petrol)
Includes most adaptors, hoses and fittings to test most petrol engines. Has two gauges and capable of doing a very important flow test.



450-040
Master fuel injection pressure tester (Petrol)
Includes most adaptors, hoses and fittings to test most petrol engines. Has two gauges and capable of doing a very important flow test.

Cylinder leakage tester



452-010
Cylinder leakage tester
Suitable for petrol and diesel engines
Includes adaptors for petrol engines

Vacuum / Pressure testers



454-010
Brake bleeder / vacuum pressure system tester
Suitable to bleed brakes with one person and to test vacuum related systems accurately and also activate systems operated by pressure.



454-020
Vacuum pressure tester
To test vacuum related problems as well as fuel pressure (carburettors)
Not suitable for fuel injection pressures

Carburettor synchroniser



456-010
Carburettor synchronisation kit

The kit let you synchronize the air intake of 2 to 4 carburettors simultaneously. Complete with most fittings

Fuel flow meter



458-010
Fuel flow meter (Common rail diesel engines)

For measuring the amount of fuel the injectors return to the tank. This way the volume injected per cylinder can be determined. For use on up to 6 Injectors. Adaptors for Bosch, Siemens, Denso and Delphi injectors

Oil pressure tester



460-010
Oil pressure tester

Hose 600mm long with assortment of fittings. 0 to 35Bar pressure.

Back pressure tester



462-010
Exhaust back pressure tester

Easy to detect blocked catalytic converters or exhausts

Transmission pressure tester



464-010
Transmission pressure tester

Supplied with two pressure gauges for high and low pressure ranges. Complete with adaptors. Range 0 to 7Bar & 0 to 35Bar.

Stethoscope



466-010
Stethoscope

Used to pinpoint worn bearings, engine faults and other mechanical noises.

Noise finder



466-020
Electronic stethoscope

2 Channel. Complete with 3 types of sensors. Long fixed sensor, magnetic sensor and clamp on sensor. Used to pinpoint worn bearings, engine faults and other mechanical noises.

Timing lights



468-010
Timing light with advance

Supplied with inductive clamp that fits over spark plug lead. Advance reading on dial 0 to 60 degree.



468-020
Timing light with advance, volts, dwell and RPM

Supplied with inductive clamp that fits over spark plug lead. Digital display that reads advance (0 to 60 degree), volts, dwell (0 to 100%) and RPM (0 to 9999RPM). RPM and advance readings have a built in function to rectify RPM and advance readings while using on direct ignition engines.

Diesel timing adaptor



468-030
Diesel timing adaptor

The adaptor is designed to be used in conjunction with most petrol timing lights fitted with an inductive clamp. The diesel adaptor's clamp, is supplied with a square clamp capable of testing diesel engines with pipes from 6 to 10mm in diameter.

Ultrasonic leak detector



470-010
Ultrasonic leak detector

Easy to check for windows and doors not sealing properly.

Tachometer



472-010
Digital tachometer

To measure RPM of moving shafts, pulley's etc. Contact type by means of various wheels or non contact by means of reflective tape.

Electrical Test Benches



Electrical test benches
For alternators and starters 12 / 24V
Bench models

Code	Voltage	Speed	DFM
474-010	380V	Fixed	No
474-020	230V	Variable	No
474-030	230V	Variable	Yes



Electrical test benches
For alternators and starters 12 / 24V
Regulator test and hydraulic starter
brake included

Code	Voltage	Speed	DFM
474-040	380V	Fixed	No
474-050	230V	Variable	No
474-060	230V	Variable	Yes

Headlight Aimer



476-010
Headlight aimer

Complete with optical alignment gauge
Suitable for symmetric and asymmetric lenses
with headlight heights of up to 1660mm.
Includes digital LUX meter.

Circuit Testers



478-010
DFM Tester

This unit is necessary to test Magneti Marelli and Ford alternators with DFM regulator output



480-010
Car tester light 6 to 24V

Sharp probe tip covered with brass protection cap.
You can check the function of car lights fast and easily.
Brass casing body.



480-020
Car tester light 6 to 50V

Sharp probe with special housing to probe through wire easily and lock into position if needed. The use of LED's instead of globes reduces the risk of damage to electronics.



480-030
Inteli probe 6 - 24V

The probe uses a 5m cable which attaches to the vehicle's battery, allowing the user to perform an electrical test anywhere in, or around the vehicle. The inteli probe is a continuity / voltage tester, with visual indicators to indicate ground or voltage. This circuit tester also supplies battery voltage or ground to activate components. This powerful time-saver tool is perfect for every technician



480-040
Inteli probe 0 - 40V

The probe uses a 5m cable which attaches to the vehicle's battery, allowing the user to perform an electrical test anywhere in, or around the vehicle. The inteli probe is a continuity / voltage tester, with visual indicators to indicate ground or voltage with a digital display. This circuit tester also supplies battery voltage or ground to activate components. This powerful time-saver tool is perfect for every technician



480-050
Diagnostic Smart Probe

Test ignition plugs, sensor measurement, earth testing, polarity checks, continuity testing and components activation. Easy reading AVO meter allows you to read voltage, current and resistance as well as an oscilloscope to read pulses at a fingertip. Just pressing power switch, the live wire / ground lead can instantly power up electrical components such as the cooling fans, relays etc. Instantly identifies positive, negative and open circuits Test for bad ground contacts instantly, allowing you to follow and locate the shorts fast without wasting fuses.

Battery and alternator testers



482-010
Voltage tester 0 - 16V

A must for starting / charging systems and battery tests as well as other electrical tests. Single function meter with large face for simplicity and easy reading. 0 - 16V DC Volt scale for all automotive electrical systems. Convenient probe and alligator clip.



482-020
Battery alternator tester 12V

Cost effective tester to test battery and alternator



482-030
Battery and charging system tester

Battery testing on 6V and 12V batteries
Alternator charging on 12V and 24V systems
Suitable to test 200 to 1200 CCA batteries
Capable of testing 12V start stop batteries.
For all Lead-Acid, AGM, EFB, GEL, VRLA batteries



482-040
Battery and charging system tester

Battery testing on 12V batteries
Alternator charging on 12V and 24V systems
Suitable to test 40 to 2000 CCA batteries
Capable of testing 12V start stop batteries
For all Lead-Acid, AGM, EFB, GEL, VRLA batteries



482-050
Blue Tooth Battery and charging system tester

Blue tooth system. Run program from your smart phone or tablet. Android 4.3 and IOS 8 and above compatible. Battery testing on 6V and 12V batteries. Alternator charging on 12V and 24V systems. Suitable to test f 40 to 2000 CCA batteries. Capable of testing 12V start stop batteries. For all Lead-Acid, AGM, EFB, GEL, VRLA batteries



482-060
Battery and charging system tester with printer

Battery testing on 12V batteries
Alternator charging on 12V and 24V systems
Suitable to test 40 to 2000 CCA batteries
Capable of testing 12V start stop batteries
Capable of printing a full report
For all Lead-Acid, AGM, EFB, GEL, VRLA batteries



482-070
Battery and charging system tester with printer

Battery testing on 6V and 12V batteries
Alternator charging on 12V and 24V systems
Suitable to test 40 to 2000 CCA batteries
Capable of testing 12V start stop batteries
Capable of printing a full report
For all Lead-Acid, AGM, EFB, GEL, VRLA batteries



482-080
Battery and charging system tester

Designed for motorcycle batteries
Battery testing on 12V batteries
Alternator charging on 12V systems
Suitable to test 2.3 to 30 AH batteries
For all Lead-Acid, AGM, EFB, GEL, VRLA batteries



482-090
Battery and charging system tester with printer

Designed for motorcycle batteries
Battery testing on 12V batteries
Alternator charging on 12V systems
Suitable to test 2.3 to 30AH batteries
Capable of printing a full report
For all Lead-Acid, AGM, EFB, GEL, VRLA batteries

Load testers



484-010
Battery load tester (analogue)

Load testing on 6V and 12V batteries
Alternator charging on 12V systems
Suitable to test up to 1000 CCA batteries
Load capacity 125A. Possible to test battery, cranking system (starter) and charging system (alternator)



484-020
Battery load tester (digital)

Load testing on 12V batteries. Alternator charging on 12V systems. Suitable to test up to 1000 CCA batteries
Load capacity 125A. Possible to test battery, cranking system (starter) and charging system (alternator).
Automatically turns off load after 10 sec



484-030
Battery load tester (carbon pile)

Load testing on 12V batteries
Alternator charging on 12V systems
Suitable to test up to 1000 CCA batteries
Load capacity 500A. Possible to test battery, cranking system (starter) and charging system (alternator) under load. Built in beeper after test.

Multimeters



**486-010
Multimeter**
AC / DC Voltage 0 to 500V, AC & DC Amperage 0 to 10A , transistor check (PNP or NPN), diode check, resistance up to 2MΩ, continuity tester with buzzer and data hold, min & max hold standard.



**486-020
Multimeter**
AC & DC Voltage 0 to 1000V, AC & DC Amperage 0 to 10A (optional clamp on adaptor available to measure amperage up to 600A), frequency up to 10MHz, capacitance up to 4000µF, **duty cycle**, resistance up to 60MΩ, continuity tester with buzzer, auto ranging, data hold, min & max hold standard



**486-030
Multimeter**
AC & DC Voltage 0 to 1000V, AC & DC Amperage 0 to 10A (optional clamp on adaptor available to measure amperage up to 600A), frequency up to 10MHz, capacitance up to 4000µF, **temperature**, resistance up to 60MΩ, continuity tester with buzzer, auto ranging, data hold, min & max hold standard

Surge Protectors



**488-010
Clamp meter**
AC / DC Amps 0 to 800V. No need for tapping into the circuit. Simply clamp the meter over the wire. AC & DC Volts 0 to 600V, temperature, capacitance, frequency, resistance, continuity tester with buzzer and diode test. Automatic power off function.



**490-010
Voltage tester**
AC & DC Voltage 0 to 690V, phase rotation test, single pole phase check, low impedance check, polarity detection, rotary field indication and continuity test. By simply placing the probes of the tester onto the circuit under test, the meter is automatically turned on.



Surge protectors
Protects sensitive electronic components on vehicles when battery terminals are connected or removed, vehicles are boost started with jumper cables / booster packs or arc welding is performed

Code	Voltage
492-010	12V
492-020	24V

Battery Hydrometers



**494-010
Battery hydrometer**
Cost effective hydrometer to measure specific gravity of battery fluid



**494-020
Battery hydrometer**
Cost effective hydrometer to measure specific gravity of battery fluid



**496-010
Refractometer**
Test ethylene glycol (antifreeze) strength, battery liquid (specific gravity) as well as washer fluid.

Booster Packs



**498-010
Booster pack 12V**
Capable of starting most petrol & diesel cars and LDV vehicles. Voltage 12V 2000A. Designed to supply high current at short intervals. Not recommended to crank problem vehicles for long durations.



**498-020
Booster pack 12V 24V**
Capable of starting most petrol & diesel cars, LDV's and small trucks. Voltage 12V 4000A or 24V 2000A. Designed to supply high current at short intervals. Not recommended to crank problem vehicles for long durations.



**498-030
Booster pack 12V**
Complete with flash light, USB adaptors smart phone and tablet adaptors. Capable of starting most petrol & small to medium diesel and LDV vehicles. Voltage 12V 600A peak. Designed to supply high current at short intervals to start vehicles. Not recommended to crank problem vehicles for long durations.

Battery maintainers / chargers



500-010
Battery maintainer / charger 1.5A 12V
 Smart charger. Power 1.5A 12V. Keeps batteries fully charged and maintained. To be used on caravans, boats and vehicles that are not frequently used.



500-020
Battery maintainer / charger 3A 12V
 Smart charger. Power 3A 12V. Keeps batteries fully charged and maintained. To be used on caravans, boats and vehicles that are not frequently used.



500-030
Battery maintainer / charger 5A 12V
 Smart charger. Power 5A 12V. Keeps batteries fully charged and maintained. To be used on caravans, boats and vehicles that are not frequently used.

Battery chargers



500-040
Battery maintainer / charger 1.5 / 10A 12V
 Smart charger. Power 1.5A 10A 12V. Keeps batteries fully charged and maintained. To be used on caravans, boats and vehicles that are not frequently used. Batteries can also be quick charged when selecting the 10A function.



500-050
Battery maintainer / charger 4 x 5A 12V
 Smart charger. Four chargers in one. Power 5A 12V. Charge and maintain up to 4 batteries at a time. Keeps batteries fully charged and maintained. To be used on caravans, boats and vehicles that are not frequently used. Ideal for people that want to charge and maintain more than one battery at a time.



502-010
Battery charger 22A 6V or 12V
 Smart charger. Power 22A 6V or 12V. For all Lead-Acid, AGM, EFB, GEL and VRLA batteries. Quick and easy way to quick charge a battery without damaging it.



504-010
Battery charger 12A
 12 and 24V. Continuous charge rate of 12A. Suitable for wet and AGM batteries



504-020
Battery charger 30A
 12 and 24V. Continuous charge rate of 30A. Suitable for wet and AGM batteries



504-030
Boost battery charger on wheels
 12 and 24V. Continuous charge rate of 40A. Boost charge 400A.



504-040
Boost battery charger on wheels
 12 and 24V. Continuous charge rate of 75A. Boost charge 500A.

Armature growler



506-010
Armature growler
 For testing armatures on motors

Impact driver



508-010
Impact driver set
 6 Piece. To be used to remove stubborn bolts on starters, alternators and other applications. Supplied with 2 x Flat and 2 x Phillips bits

Booster Cables



510-010
Battery booster cables (1000A)
 Very heavy duty cables suitable for most vehicles. Battery cables are 50m2 and use clamps with copper tips.



Battery booster cables		
Code	Capacity	Length
510-020	400A	3m
510-030	600A	3m
510-040	800A	3m

Battery Carrier



512-010
Battery carrier
 Tool for lifting and carrying batteries effortlessly

Alternator Sockets



514-010
Alternator socket
 Suitable for Bosch alternators normally found on Mercedes Benz, VW, Audi and BMW vehicles



514-020
Alternator socket set
 13 Piece.
 Suitable to most alternators



514-030
Alternator socket set
 18 Piece.
 Suitable to most alternators

Battery terminal tools



516-010
Battery terminal cleaner
 Suitable of cleaning battery terminals (posts) and battery clamps



516-020
Battery terminal & wiper arm puller
 Easily removes stuck battery terminals and bolted on windshield wiper arms, that fit over a tapered spline.



516-030
Battery plier
 7" Used on battery terminals

Crimping pliers



518-010
Crimping pliers
 Capacity 1.25mm to 8mm



518-020
Crimping pliers
 Capacity 1.25mm to 14mm



518-030
Crimping tool set
 7 Piece. Ratchet type to apply consistent pressure. Suitable for insulated, non insulated, open barrel, cord end and coaxial terminals.

Wire strippers



520-010
Wire stripper
0.2 to 6mm wire



520-020
Wire stripper
0.2 to 6mm wire



520-030
Wire stripper
0.2 to 6mm wire
Fully insulated

Ignition tools



522-010
Ignition lock remover
Tool used for removing Mercedes Benz ignition locks



522-020
Relay plier
For the safe removal of electrical relays and fuses. Spring loaded for one handed operation.



522-030
Spark lead plier
For removing plug and coil leads to avoid being shocked by HT leads

Radio removal kit



522-040
Ignition coil puller
For removing VW and Audi ignition coils



522-050
Ignition coil puller set
4 Piece. Suitable to be used on VW and Audi ignition coils



524-010
Master radio set
46 Piece master set to install and / or remove most automotive radios

Soldering



Soldering irons	
Code	Power
526-010	40W
526-020	80W
526-030	120W
526-040	175W



Soldering gun / station			
Code	Description	Power	
528-010	Gun	100W	
528-020	Tips for gun		
528-030	Station	40W	



Solder			
Resin core suitable for electronic work			
Acid core suitable for plumbing work			
Code	Thickness	Weight	Core
530-010	0.7mm	500g	Resin
530-020	0.9mm	500g	Resin
530-030	1.25mm	500g	Resin
530-040	1.6mm	500g	Resin
530-050	2mm	500g	Resin
530-060	2.5mm	500g	Acid

Aircon charging stations



532-010
Aircon station
R134A

Gas recovery, leak check, oil recovery and injection and recharging all done automatically. Very easy to operate. Integrated vehicle database. Suitable for cars and bakkies. Tank capacity 12.5Kg. 220V Single phase Optional printer available



532-020
Aircon station
R134A and R1234yF

Two machines in one. Gas recovery, leak check, oil recovery and injection and recharging all done automatically. Very easy to operate. Integrated vehicle database. Suitable for cars and bakkies. Tank capacity 2 x 10.5Kg. 220V Single phase Printer included.



532-030
Aircon station
R134A

Gas recovery, leak check, oil recovery and injection and recharging all done automatically. Very easy to operate. Integrated vehicle database. Suitable for cars and bakkies. Tank capacity 30Kg. 220V Single phase Printer included. Recommended for Bus service.



534-010
Aircon flushing station

To be used as a stand alone unit to clean aircon systems. Suitable for R134A gas. 230V Single phase.



534-020
Aircon flushing kit

To be used with any of the aircon stations.



536-010
R134A Aircon gas
13Kg Bottle

Aircon consumables



536-020
UV Light with goggles

To check leaks on aircon systems. Works in conjunction with UV dye



536-030
Leak detecting dye
250ml Bottle



536-040
Pag oil 100
1L Bottle

Hose clamp tools



538-010
Fuel line disconnect tool
 1/4, 5/16, 3/8, 1/2,
 5/8, 3/4 & 7/8" adaptors



538-020
Fuel line disconnect plier set
 Blue 1/4", 5/16", 8mm
 Green 3/8", 10mm
 Red Special applications



538-030
Hose clamp plier set
 9 Piece



538-040
Fuel feed pipe pliers
 Suitable for releasing connections
 on fuel pipes during maintenance
 or when replacing fuel filters



538-050
Hose clamp plier
 With long extension to reach
 hard to get places



538-060
Hose clamp plier
 Straight type with built in
 ratchet



538-070
Hose clamp plier
 Angled type with built in
 ratchet



538-080
Fuel line pliers
 Used to remove clamps on fuel lines



538-090
Hose clamp pliers
 Click type

Pipe cutters



540-010
Pipe cutter (mini type)
 3mm – 28mm



540-020
Pipe cutter
 3mm – 28mm



540-030
Pipe cutter
 12mm – 50mm

Flaring tools



542-010
Double flaring tool with pipe cutter
 Suitable for aluminium & copper tubing



542-020
Double flaring tool
 Suitable for 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4" tubing.



542-030
Hydraulic flaring tool (metric and imperial)
 Professional flaring tool for various types of flaring. Suitable for steel, copper & aluminium tubing

Pipe benders



544-010
Tube bender
 Suitable for 10 to 13mm tubing



544-020
Pipe bender
 Suitable for 6, 8 and 10mm tubing



544-030
Pipe bender
 Suitable for pipes 15mm and 22mm in diameter (1/2" and 3/4")

Radiator pressure testers



546-010
Radiator pressure tester
 28 Piece. Master cooling radiator pressure tester with vacuum purge and refill kit. Suitable for most vehicles



546-020
Radiator pressure tester
 14 Piece. Universal radiator pressure tester. Kit includes thermometer. Suitable for a wide variety of vehicles



546-030
Radiator cap pressure tester
 Suitable for most standard radiator cap pressure testing. Pressure pump capable of testing up to 2 Bar (30 psi)



546-040
Radiator pressure tester
 18 Piece. Universal radiator pressure tester. Kit includes cap tester. Suitable for a wide variety of vehicles. Aluminium radiator caps.



546-050
Radiator vacuum purge & refill kit
 Refill entire cooling system quickly. Eliminates the need for bleeding and purging the system to prevent air pockets.



546-060
Radiator pressure tester
 Ideal for locating system leaks from head gaskets, header tank, radiator, feeder core, core plugs, water pump and hoses. Suitable for most vehicles including trucks. With special patented bladder it's easy to use with no special adaptors

Block testers



338-010
Block tester
Testing kit to check cylinder heads and blocks for cracks and / or blown gaskets



338-020
Block testing fluid
Additional fluid to be used with block tester. Recommended to keep fluid refrigerated to extend shelf life

Fuel / Brake hose clamps



548-010
Fuel & brake line clamps
Compact design allows use in confined spaces. Suitable for use on fuel, vacuum and brake hoses

Antifreeze testers



548-020
Fuel & brake line clamps
3 Piece
Plastic pliers prevent harm to hoses. Suitable for use on fuel, vacuum and brake hoses



550-010
Antifreeze tester
Test ethylene glycol strength and include temperature adjustment scale for accurate interpretation of mixture strength.



496-010
Refractometer
Test ethylene glycol (antifreeze) strength, battery liquid (specific gravity) as well as washer fluid.

Viscous van clutch spanners



552-010
Viscous fan spanner set
Suitable for most viscous fans including BMW and Mercedes Benz vehicles.

Thermometers



554-010
Infrared thermometer
Temperature from -50 °C to 1050 °C. Include dual laser for accurate distance measurement, data hold and maximum reading hold.



554-020
Pen type thermometer
Temperature from -40 °C to 250 °C. Includes data hold, automatic power off, and minimum / maximum reading hold. Probe made of stainless steel.

Carburettor / Injection adjustment set



556-010
Carburettor & fuel injection set
Most drivers to adjust carburettor and fuel injection systems

Fuel lid spanner



556-020
Fuel injection lid remover
Adjustable tool to remove most fuel tank lids. 45 - 190mm

Turbo spanner



558-010
Turbo spanner
12mm Bi-hexagon spanner to be used with 3/8" Drive ratchet. To be used on VW / Audi diesel engines fitted with turbo chargers

BMW timing tools



560-010
Timing tool
BMW, Mini
B38 / B48 / B58



562-010
Timing tool
BMW
M40 / M43



562-020
Timing tool
BMW
N40 / N42 / N45 / N46



566-010
Timing tool
BMW, Opel, Land Rover, Range Rover
2.5 TDS



566-020
Timing tool
BMW, Land Rover, Range Rover, Rover, Opel
M41 / M47 / M47TU / M47T2 / M47R
M51 / M57 / M57TU / M57T2
2.0 3.0
204D3, Td4, Td6



562-030
Timing tool
BMW
M40 / M42 / M43 / M44 / M50
M52 / M54 / M55 / M60



562-040
Timing tool
BMW
M42 / M44 / M50 / M52 / M52TU
M54 / M56 / S50US / S52US



562-050
Timing tool
BMW
M42 / M50



562-060
Timing tool
BMW
M42 / M44 / M50 / M52 / M54 / M56



562-070
Timing tool
BMW
M42 / M47 / M50 / M52 / M60



562-080
Timing tool
BMW
N43
1.6 / 2.0
Petrol



562-090
Timing tool
BMW
M47
1.6 2.0

BMW timing tools



562-100
Timing tool
BMW
M52TU / M54 / M56



562-110
Timing tool
BMW
M60 / M62



562-120
Timing tool
BMW
M60 / M62



568-010
Timing tool
BMW, Mini, Citroen, Peugeot
N12 / N14
1.4 1.6
Petrol



560-020
Timing tool
BMW, Mini
N13 / N16 / N18



562-130
Timing tool
BMW
N20 / N26
4 Cylinder turbo



562-140
Timing tool
BMW
N40 N45 N45T



562-150
Timing tool
BMW
N42 / N46



562-160
Timing tool
BMW
N42 / N46 / N46T
1.8 2.0
Petrol



562-170
Timing tool
BMW
N47 / N47S
2.0
Diesel



560-030
Timing tool
BMW, Mini
N47 / N47S / N57
R56 / R60 / R61
2.0
Diesel



562-180
Timing tool
BMW
N51 / N52

BMW timing tools



562-190
Timing tool
BMW
N53 / N54



562-200
Timing tool
BMW
N51 / N52 / N53 / N54



562-210
Timing tool
BMW
N51 / N52 / N53 / N54 / N55



562-220
Timing tool
BMW
N62 / N73
V8 / V12



562-230
Timing tool
BMW
N62 / N73
V8 / V12



562-240
Timing tool
BMW
N63 / N74

Mercedes Benz timing tools



562-250
Timing tool
BMW
R50 / R52 / R53
W10 / W11



562-260
Timing tool
BMW
S54



564-010
Crankshaft pulley socket
Mercedes Benz
M133 / M157 / M270 / M271 / M276 / M278
T100H 1/2" Drive



564-020
Timing tool
Mercedes Benz
M271



564-030
Timing tool
Mercedes Benz
M157 / M276 / M278



570-010
Timing tool
Mercedes Benz, Chrysler, Jeep
CDI 2.0 2.2 2.7 3.3 4.0
D-DT 2.0 2.2 2.5 2.9 3.0
Petrol 1.8 2.0 2.3

Mercedes Benz timing tools



564-040
Timing tool
Mercedes Benz
M156 (AMG)



564-050
Timing tool
Mercedes Benz
M270 / M274



564-060
Chain rivet tool
Mercedes Benz
M272 / M273
1.7 2.1 2.2 2.7 3.0 3.2 3.9 4.0
Diesel

VW / Audi timing tools



572-010
Timing tool
VW, Audi
FSI / TFSI
1.4 1.6
AXU / BAG / BKG / BLF / BLN / BLP



572-020
Timing tool
VW, Audi
FSI / TFSI
1.4 1.6
AXU / BAG / BKG / BLF / BLN / BLP



572-030
Timing tool
VW, Audi
TSI / FSI / TFSI
1.2 1.4 1.6
CBZA / CBZB / CBZC
AXU / BAG / BKG / BLF / BLN / BLP



572-040
Timing tool
VW, Audi
FSI / TFSI
1.4 1.6



572-050
Timing tool
VW, Audi
FSI
1.8



572-060
Timing tool
VW, Audi
TSI
1.2 1.4



572-070
Timing tool
VW, Audi
TSI
1.0
CHYA, CHYB, CPGA, DAFA



572-080
Timing tool
VW, Audi
TSI
1.0 1.2 1.4 1.6 EA211



572-090
Timing tool
VW, Audi
TSI
1.2 1.4

VW / Audi timing tools



572-100
Timing tool
VW, Audi
TFSI
1.4
CPTA, CZEA



572-110
Timing tool
VW, Audi
FSI / TFSI
1.8 2.0 16V



572-120
Timing tool
VW, Audi
FSI / TFSI
2.0
AWA / AXW / BHD / BMB



572-130
Timing tool
VW, Audi
Diesel



572-140
Timing tool
VW, Audi
TSI / TFSI
1.8 2.0
Petrol



572-150
Timing tool
VW, Audi
TSI / TFSI
1.8 2.0 EA888



572-160
Timing tool
VW, Audi
FSI TFSI
2.0 2.8 3.0T



572-170
Timing tool
VW, Audi
FSI
2.0 2.4 2.8 3.0 3.2 4.2



572-180
Timing tool
VW, Audi
FSI
2.4 3.2
V6 V8 V10



572-190
Timing tool
VW, Audi
2.4 3.2
FSI
V6



572-200
Timing tool
VW, Audi
TDI
2.7 3.0



572-210
Timing tool
VW, Audi
2.7D 3.0D TDi V6
4.2D TDi V8

VW / Audi timing tools



572-220
Timing tool
VW, Audi
TDI
1.9



572-230
Timing tool
VW, Audi
TDI
1.2 1.4 1.6 1.9 2.0



572-240
Timing tool
VW, Audi
TDI Diesel
1.6 2.0



572-250
Timing tool
VW, Audi
TDI SDI
1.9



572-260
Timing tool
VW, Audi
TSI
1.2
CBZA / CBZB



572-270
Timing tool
VW, Audi
1.2
Petrol



572-280
Timing tool
VW, Audi
1.2 1.4 1.9 2.0
AFB / KE / AKN / AYM / BAU / BCZ / BOG / BOH / BFC



572-290
Timing tool
VW, Audi
TDI
2.5 V6 3.3 V8



572-300
Timing tool
VW, Audi
A4, A6, A8, A11
1997 - 2004



572-310
Timing tool
VW, Audi
1.4 1.6 16V
Petrol



572-320
Timing tool
VW, Audi
TDI SDI
1.9



572-330
Timing tool
VW, Audi
2.3 2.8
Petrol

VW / Audi timing tools



572-340
Timing tool
VW, Audi, Ford
2.3 2.8 2.9
AAA / ABV / AES / AGZ / AMY / AFP / AZX



572-350
Cam chain tensioner
VW, Audi
AHA / APH / ATQ / AUG / AWM / AWP
AMV / AMB / AMU / APB / ART / ATC / AWN
BBD / BCY / BEA / BEL / BFM / BKF / BNU



572-360
Timing tool
VW, Audi
TDI
2.5



572-370
Timing tool
VW, Audi
TDI SDI
2.4 2.5



572-380
Timing tool
VW, Audi
TDI PD
2.5
AXD / AXE / BAC / BLJ / BLK / BPD / BPC / BPE



572-390
Timing tool
VW, Audi
D TDI PD
2.5 4.9
BAC / BLK / BDP / AXD / AXE / AYH / BLJ / BNZ / BPC / AYH



572-400
Timing tool
VW, Audi
2.4 2.8
V6



572-410
Timing tool
VW, Audi
V8



572-420
Timing tool
VW, Audi
2.4 2.7 2.8 3.0



572-430
Timing tool
VW, Audi
Universal kit



572-440
Crankshaft pulley puller
VW, Audi
4 and 5 Cylinder engines



574-010
Timing tool
Opel, Fiat, Alfa Romeo, Chevrolet
1.4 1.6 1.8 16V
Petrol

Opel timing tools



576-010
Timing tool
Opel, Chevrolet
2.0
Diesel



578-010
Timing tool
Opel
1.0 1.2 16V
Petrol



578-020
Timing tool
Opel
1.4
A14NEL / A14NET / A14XER



576-020
Timing tool
Opel, Chevrolet
1.4
Petrol



578-030
Timing tool
Opel
1.3 1.9 2.0 2.2



580-010
Timing tool
Opel, Fiat
1.7 1.9 2.4
D / TD / JTD / CDTI



574-020
Timing tool
Opel, Fiat, Alfa Romeo
1.9 2.4
JTD / CDTI



578-040
Timing tool
Opel
2.0
CDTI



578-050
Timing tool
Opel
1.6 1.7
Diesel



578-060
Timing tool
Opel
1.5 1.9 2.2 2.5
DCI
K9K, K9Q, G9T, G9U



576-030
Water pump spanner
Opel, Chevrolet
41mm 1/2" Drive



576-040
Water pump spanner
Opel, Chevrolet
46mm 1/2" Drive

Fiat timing tools



582-010
Timing tool
Alfa Romeo, Fiat, Lancia
1.2 1.4 1.6 1.8 2.0 3.0



584-010
Timing tool
Fiat
1.2 1.4 1.6 1.8 16V 1.9 2.4 D / TD / JTD
Petrol and diesel



586-010
Timing tool
Fiat, Lancia
1.4 Fire EVO



584-020
Timing tool
Fiat
500 8V
1.2 1.4 VVT



584-030
Timing tool
Fiat
1.2 8V 1.4 16V
Petrol



588-010
Timing tool
Fiat, Iveco, Opel, Citroen, Peugeot, Renault
2.5 2.8
TDI / JTD / HDI / D



584-040
Timing tool
Fiat
1.6 16V



584-050
Timing tool
Fiat
1.6 16V



590-010
Timing tool
Fiat, Iveco
2.3 3.0
JTD



586-020
Timing tool
Fiat, Lancia
1.2 16V



580-020
Timing tool
Fiat, Opel
1.3
CDTI / JTD



590-020
Timing tool
Fiat, Iveco
2.3 3.0
JTD

Fiats timing tools



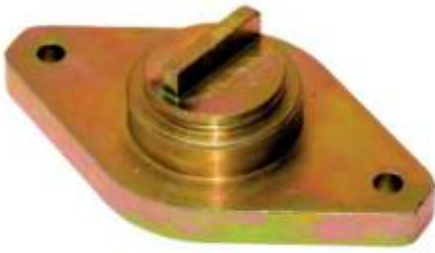
582-020
Timing tool
Fiat, Alfa Romeo, Lancia
1.4
MultiAir



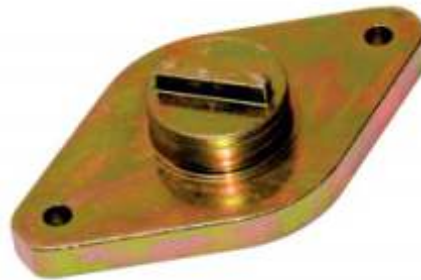
582-030
Timing tool
Fiat, Lancia, Alfa Romeo
0.9 TwinAir Turbo



588-020
Timing tool
Fiat, Iveco, Ford, Citroen, Peugeot
2.2
TDCI / JTD / HPI



584-060
Timing tool
Fiat
1.2 8V



584-070
Timing tool
Fiat
1.2 8V EVO

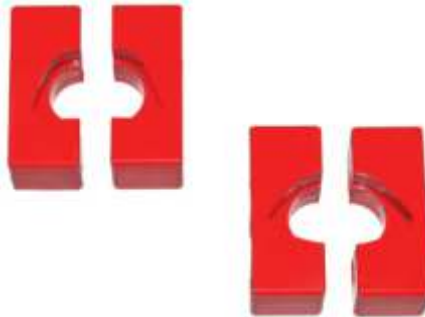


592-010
Timing tool
Alfa Romeo
1.4 1.6 16V TS

Alfa Romeo timing tools



592-020
Timing tool
Alfa Romeo
1.8 2.0 16V 2.0 TS



592-030
Timing tool
Alfa Romeo
2.5 3.0 V6 24V



594-010
Timing tool
Renault, Nissan
16V
D4F / K4J / K4M / F4P / F4R / F4Rt / F5R740 / K9K / FR4720

Renault timing tools



596-010
Timing tool
Renault
2.0 IDE
F5R



596-020
Timing tool
Renault
1.2 1.4 1.5 1.6 1.8 2.0 2.0T
16V CDI
Petrol and diesel



598-010
Timing tool
Renault, Nissan, Opel
1.2 1.4 1.5 1.6 1.8 2.0 2.0T
16V DCI
Petrol and diesel

Renault timing tools



596-030
Timing tool
Renault
16V
K4J / K4M / F4P / F4R



596-040
Timing tool
Renault
1.2 1.4 1.6 1.8 2.0 2.2 2.5
16V 20V D/TD
Petrol and diesel



598-020
Timing tool
Renault, Nissan, Opel
1.5 1.9 2.2 2.5
Diesel

Renault / Nissan timing tools



594-020
Timing tool
Renault, Nissan
3.0
DCI



594-030
Timing tool
Renault, Nissan
1.6
DCI



596-050
Timing tool
Renault
2.0
CDI
Diesel



598-030
Timing tool
Renault, Nissan, Opel
1.5 1.9 2.0 2.2
DCI



600-010
Timing tool
Renault, Volvo
1.6 1.8 1.9 2.0 2.2 2.3 2.4 2.5
16V 20V

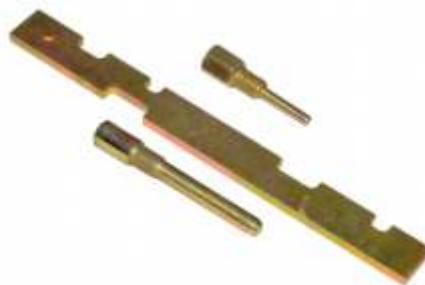


602-010
Timing tool
Ford
1.25 1.4 1.6 2.0 16V

Ford timing tools



604-010
Timing tool
Volvo
1.8 2.0
16V



606-010
Timing tool
Ford, Mazda
1.25 1.4 1.6 1.7 1.8 2.0
16V



606-020
Timing tool
Ford, Mazda
1.25 1.4 1.7 1.8 2.0 16V

Ford timing tools



606-030
Timing tool
Ford, Mazda
1.25 1.4 1.6 1.7 2.0 16V 1.8 TDI



602-020
Timing tool
Ford
1.6
TI-VCT



602-030
Pulley lock
Ford
1.6



602-040
Timing tool
Ford
1.6
TI-VCT



608-010
Timing tool
Ford, Volvo
1.6
EcoBoost



602-050
Timing tool
Ford
1.6
EcoBoost



608-020
Timing tool
Ford, Volvo
1.6
EcoBoost



602-060
Timing tool
Ford
1.6
TI-VCT TDI



602-070
Timing tool
Ford
1.8
TDDI / TDCI



606-040
Timing tool
Ford, Mazda
1.25 1.3 1.4 1.6 1.8 1.9 1.9T 2.0 2.5T
Petrol and diesel



606-050
Timing tool
Ford, Mazda
1.25 1.4 1.6 1.8 2.0 2.4
Petrol and diesel

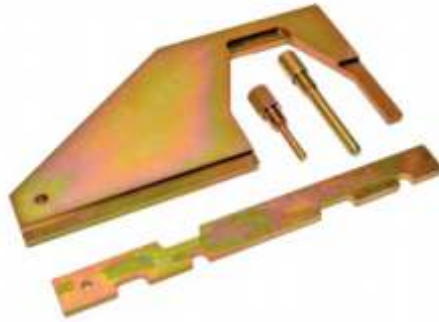


602-080
Timing tool
Ford
1.25 1.4 1.6 1.7 1.8 2.0
VCT-TI / TDCI / DI / TDDI
Petrol and diesel

Ford timing tools



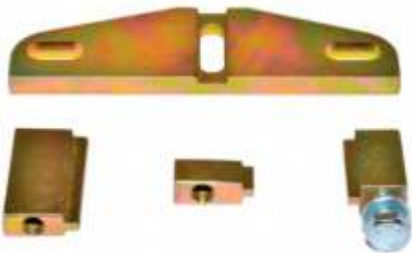
602-090
Timing tool
Ford
2.0T
TI-VCT



606-060
Timing tool
Ford, Mazda
1.8 2.0 2.3



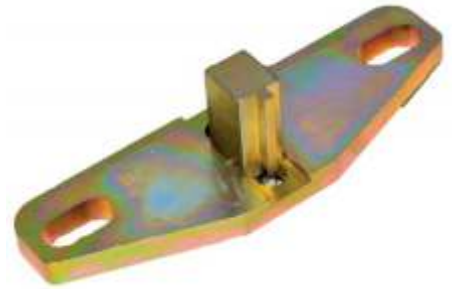
610-010
Timing tool
Ford, Mazda, Volvo
1.6 2.0



602-100
Flywheel lock
Ford
1.25 1.4 1.6 1.7 1.8 2.0 2.2



612-010
Timing tool
Ford, Volvo, Peugeot, Citroen, Land Rover
2.0 2.2



602-110
Timing tool
Ford
1.25 1.4 1.6 1.7 1.8 2.0
16V



602-120
Injection pump tool
Ford
2.0 2.4
16V



602-130
Timing tool
Ford
2.0 2.2 2.4
Diesel



602-140
Timing tool
Ford
1.0 Ecoboost
3 Cylinder



602-150
Timing tool
Ford
2.2 3.2
TDCI



612-020
Timing tool
Ford, Citroen, Peugeot
1.4 1.6 2.0 2.4
8V 16V TDCI TDI HDI



602-160
Timing tool
Ford
1.6 1.8 2.5
D / TD

Ford / Mazda timing tools



606-070
Timing gear puller
Ford, Mazda
1.8 2.5
TDCI / TCI / TDDI



606-080
Timing tool
Ford, Mazda
1.8 2.0 2.3T
SCI / LF / L3



608-030
Timing tool
Ford, Volvo
2.5T
HUBA / HUWA / HYD

Volvo timing tools



600-010
Timing tool
Renault, Volvo
1.6 1.8 1.9 2.0 2.2 2.3 2.4 2.5
16V 20V



604-020
Timing tool
Volvo
1.6 2.0
T4 T5



604-030
Timing tool
Volvo
2.0
T4 T5



604-040
Timing tool
Volvo
2.0 3.0 3.2
T6



604-050
Timing tool
Volvo
850 960 S40 S60 S70 S80



614-010
Timing tool
Volvo, Land Rover
3.0 3.2
T6

Land Rover / Jaguar timing tools



604-060
Crankshaft holding tool
Volvo
5 and 6 Cylinder engines



616-010
Timing tool
Land Rover, Jaguar
4.2 4.4
V8



616-020
Timing tool
Land Rover, Jaguar
2.7
276D / 276DT

Land Rover / Jaguar timing tools



616-030
Timing tool
Jaguar, Land Rover
2.0



616-040
Timing tool
Land Rover, Jaguar
3.0 5.0



618-010
Timing tool
Land Rover, Rover
2.0 2.5 V6
Petrol



616-050
Crankshaft sensor locking tool
Land Rover, Jaguar
3.0 3.6
Diesel



566-010
Timing tool
BMW, Opel, Land Rover, Range Rover
2.5 TDS



566-020
Timing tool
BMW, Land Rover, Range Rover, Opel
M41 / M47 / M47TU / M47T2 / M47R
M51 / M57 / M57TU / M57T2
2.0 3.0
204D3, Td4, Td6

Citroen / Peugeot timing tools



620-010
Timing tool
Citroen, Peugeot
HPI / HDI
Petrol and diesel



620-020
Timing tool
Citroen, Peugeot
1.8 2.0 16V
6FZ / RFN



620-030
Timing tool
Citroen, Peugeot
1.4 16V

Toyota / Mitsubishi timing tool



568-010
Timing tool
BMW, Mini, Citroen, Peugeot
N12 / N14
1.4 1.6
Petrol



620-040
Timing tool
Peugeot, Citroen
1.0 1.2 VTI
Petrol



622-010
Timing tool
Toyota, Mitsubishi
Petrol and diesel

Toyota / Mazda timing tool



624-010
Timing tool
Toyota, Mazda
Petrol and diesel

Honda tools



626-010
Harmonic damper pulley socket
Honda
50mm Hexagon
1/2" Drive

Chrysler timing tools



628-010
Timing tool
Chrysler
2.8
Diesel



570-010
Timing tool
Mercedes Benz, Chrysler, Jeep
CDI 2.0 2.2 2.7 3.3 4.0
D-DT 2.0 2.2 2.5 2.9 3.0
Petrol 1.8 2.0 2.3



628-020
Timing tool
Chrysler, Jeep
2.5 2.8
CRD

Chery timing tool



630-010
Timing tool
Chery
A3, A5, Tiggo
SQR481, 484

Universal timing tools



632-010
Timing tool
Universal
Single overhead and twin cam engines



632-020
Timing tool
Universal
Twin cam engines



632-030
Timing tool
Universal
Twin cam engines

Universal timing tool



632-040
Timing tool fuel pump
Universal
Diesel engines

Pulley locking tools



634-010
Pulley locking tool
Universal
21 - 100mm Diameter between holes



634-020
Pulley locking tool
Universal
Movable arm

Crankshaft holding / locking tools



634-030
Crankshaft lock
BMW
N12 / N14 / N40 / N42 / N45 / N46 / N52



634-040
Crank pulley holding tool
VW, Audi
TSI / TFSI
1.8 2.0
Petrol



572-450
Timing belt tensioner spanner
VW, Audi
TSI / TFSI
1.2 1.4



572-460
VW Audi adjustment tool
Belt tension adjustment tool



564-070
Flywheel lock (Mercedes Benz)
Suitable for M651 series



564-010
Crankshaft pulley socket
Mercedes Benz
M133 / M157 / M270 / M271 / M276 / M278
T100H 1/2" Drive

Motorcycle magneto puller



636-010
Motorcycle magneto puller
Suitable for most motorcycles



638-010
Pulley holding tool
V Groove
Used for clamping and holding V groove pulleys



638-020
Hand impact wrench
Remove nuts effortlessly with this tool where limited space is available

Pulley removing tool



640-010
Cam belt tension gauge
Universal
Suitable for belts with various thicknesses

Timing belt tools



640-020
Stretch belt installer
5 Piece. Suitable for a wide range of motor vehicles



640-030
Stretch belt installer
4 Piece. Suitable for a wide range of motor vehicles

Torque wrench



642-010
Torque wrench 1/2" drive
Torque in both directions
Capacity 0 to 300Nm

Torque angle gauge



644-010
Torque angle gauge
Work with 1/2" drive ratchet.
Easy to read the dial, calibrated in degrees

Torque multiplier



Torque multiplier
By using a smaller torque wrench, much higher torques (5 times more) can be obtained

Code	Ratio	Torque	Drive
646-010	5:1	2000Nm	1/2" & 1"
646-020	5:1	2700Nm	3/4" & 1"

Torque wrenches



Torque wrench
Forward & reverse (torque in forward (clockwise) position)
Lock to prevent accidental torque adjustment settings
Calibration certificate included

Code	Range	Drive	Code	Range	Drive
648-010	5 to 25Nm	1/4"	648-050	70 to 340Nm	1/2"
648-020	5 to 25Nm	3/8"	648-060	65 to 450Nm	3/4"
648-030	20 to 110Nm	3/8"	648-070	140 to 980Nm	1"
648-040	42 to 210Nm	1/2"			

Torque wrench
Dial type for easy and accurate settings
Calibration certificate included

Code	Torque	Drive	Code	Torque	Drive
650-010	4 to 20Nm	3/8"	650-060	80 to 400Nm	3/4"
650-020	10 to 50Nm	3/8"	650-070	150 to 700Nm	3/4"
650-030	20 to 100Nm	1/2"	650-080	300 to 1000Nm	3/4"
650-040	40 to 200Nm	1/2"	650-090	700 to 1500Nm	1"
650-050	60 to 300Nm	1/2"			



Torque wrench
With interchangeable bits
Calibration certificate included

Code	Torque	Bit size	Code	Torque	Bit size
652-010	4 to 20Nm	9 x 12mm	652-050	40 to 200Nm	14 x 18mm
652-020	10 to 60Nm	9 x 12mm	652-060	60 to 340Nm	14 x 18mm
652-030	20 to 100Nm	9 x 12mm	652-070	100 to 600Nm	14 x 18mm
652-040	20 to 100Nm	14 x 18mm	652-080	200 to 1000Nm	14 x 18mm

Interchangeable bits



Open end insert tool

Code	Size	Square	Code	Size	Square
654-010	7mm	9 x 12mm	656-010	13mm	14 x 18mm
654-020	8mm	9 x 12mm	656-020	14mm	14 x 18mm
654-030	9mm	9 x 12mm	656-030	15mm	14 x 18mm
654-040	10mm	9 x 12mm	656-040	16mm	14 x 18mm
654-050	11mm	9 x 12mm	656-050	17mm	14 x 18mm
654-060	12mm	9 x 12mm	656-060	18mm	14 x 18mm
654-070	13mm	9 x 12mm	656-070	19mm	14 x 18mm
654-080	14mm	9 x 12mm	656-080	22mm	14 x 18mm
654-090	15mm	9 x 12mm	656-090	24mm	14 x 18mm
654-100	17mm	9 x 12mm	656-100	27mm	14 x 18mm
654-110	18mm	9 x 12mm	656-110	30mm	14 x 18mm
654-120	19mm	9 x 12mm	656-120	32mm	14 x 18mm
654-130	21mm	9 x 12mm	656-130	36mm	14 x 18mm
654-140	22mm	9 x 12mm	656-140	38mm	14 x 18mm
			656-150	41mm	14 x 18mm
			656-160	46mm	14 x 18mm

Ring insert tool

Code	Size	Square	Code	Size	Square
658-010	10mm	9 x 12mm	660-010	16mm	14 x 18mm
658-020	11mm	9 x 12mm	660-020	17mm	14 x 18mm
658-030	12mm	9 x 12mm	660-030	18mm	14 x 18mm
658-040	13mm	9 x 12mm	660-040	19mm	14 x 18mm
658-050	14mm	9 x 12mm	660-050	24mm	14 x 18mm
658-060	16mm	9 x 12mm	660-060	27mm	14 x 18mm
658-070	17mm	9 x 12mm	660-070	30mm	14 x 18mm
658-080	19mm	9 x 12mm	660-080	32mm	14 x 18mm
			660-090	36mm	14 x 18mm

Magnetic parts dishes



662-010
Magnetic dish (round)
150mm Diameter



662-020
Magnetic dish (rectangular)
240mm x 140mm

Pick set (scraper)



428-020
Pick and hook set
2 Piece

For removal of bushings, cotter pins, O-rings & seals. Curve hook, 45-degree hook, 90 degree hook, straight pick.

Pick & hook sets



664-010
Mini pick and hook set
4 Piece

For removal of bushings, cotter pins, O-rings & seals. Curve hook, 45-degree hook, 90 degree hook, straight Pick.



664-020
Mini pick and hook set
6 Piece

For removal of bushings, cotter pins, O-rings & seals. Curve hook, 3 x 45-degree hook, 90 degree hook, straight Pick.

Magnetic pick up tool



666-010
Pick up tool

Length 580mm. Telescopic, magnetic pick up tool with very strong magnet to pick up heavy objects. Weight capacity 3.5Kg.

Magnetic pick up tool



666-020
Pick up tool

Length 525mm. Flexible magnetic pick up with very narrow front end to get into small spaces.

Magnetic pick up tool with light



666-030
Pick up tool

Length 585mm. Flexible magnetic pick up tool with LED light to pick up objects.

Pick up tool with claw



666-040
Pick up tool

Length 610mm. Flexible magnetic pick up tool with mechanical claw to pick up objects.

Pick up tool with claw and light



666-050
Pick up tool

Length 610mm. Flexible magnetic pick up tool with mechanical claw and LED light to pick up objects.

Inspection mirrors



668-010
Inspection mirror

Length 580mm. Telescopic, inspection mirror with small mirror to get into small spaces.



668-020
Inspection mirror

Length 580mm. Telescopic, inspection mirror with large mirror to get into places where space is not a problem. Size of mirror 50mm x 92mm.

Inspection cameras



670-010

Inspection camera

Colour screen. Probe is 1m long with 9mm front piece. Camera uses AA batteries.



670-020

Inspection camera

Removable colour screen with remote data transmission. Camera capable for recording video and images. Probe is 1m long with 9mm front piece. Rechargeable monitor.

Lead light



672-010

Inspection light (lead light)

Lead light complete with 5m cable and plug



672-020

Inspection light

Pen, pocket inspection light with 6 LED lights. Small and compact. Use AA batteries.

Inspection lights (lead lights)



672-030

Inspection light (slim type)

Inspection light with cob LED light. Rechargeable batteries.



672-040

Inspection light (under bonnet)

Inspection light with 3 very bright cob LED lights. Rechargeable batteries.



672-050

Inspection light 1000 Lumens

The portable LED work light with a powerful 1000 lumen output. Its folding 180° kickstand contains a useful hanging hook and integral magnets. An additional 300 lumen torch provides a useful spot beam. The light has three dim settings to extend its run time.



672-060

Inspection light 500 Lumens

The portable LED work light with a powerful 500 lumen output. Integral pocket clip and strong magnets for hands free use. An additional 200 lumen torch provides a useful spot beam. USB charging cable included.



672-070

Inspection light 300 Lumens

The portable LED work light with a powerful 300 lumen output. Integral pocket clip and strong magnets for hands free use. An additional 100 lumen torch provides a useful spot beam. USB charging cable included.

Seat / Fender covers



674-010

Fender cover

Universal protective fender cover. Reusable. Made of very durable leather that is water and oil resistant. Magnetic strip is used for easy fitment without the risk of scratching the paint



674-020

Fender cover

Magnetic with scratch resistant material on the bottom. Shaped to follow the contour of the wheel arch. Size 1050mm x 650mm.



676-010

Seat cover

Universal protective cover designed for the front seats of passenger cars. Made from non-woven polypropylene. Reusable. Elastic material sewn into the back of the cover to hold the cover perfectly. Very easy and quick to fit.

Pom pom greaser



678-010
Greaser pom pom
Capacity 300ml

Lever type greaser



678-020
Greaser lever type
Capacity 500ml

Air greaser (pneumatic)



680-010
Greaser lever type
Capacity 500ml

Greaser hand operated



678-030
Greaser hand operated
Complete with container.
Capacity 15 Kg

Greaser foot operated



678-040
Greaser foot operated
Capacity 8Kg

Greaser pneumatic



680-020
Greaser pneumatically operated
Complete with 3m hose, control on wheels.
Capacity 15 L

Field greaser



678-050
Greaser field type
Complete with hose, control & follower plate
To fit a 15Kg bucket

Greaser (pneumatic)



Greaser (pneumatic)
Complete with hose, control, drum cover & follower plate.

Code	To fit drum size
680-040	20Kg
680-050	50Kg
680-060	180Kg

Greaser with trolley & reel



680-060
Greaser field type
Complete with hose, control, drum cover, follower plate, drum trolley and hose reel
To fit a 180Kg drum

Grease pumps (pneumatic)



Greaser 50:1 Ratio

Code	Length	Drum capacity
682-010	480mm	20 / 30Kg
682-020	740mm	50 / 60Kg
682-030	940mm	200Kg

Drum covers



Drum cover

Code	Size	Drum capacity
684-010	330mm	20 / 30Kg
684-020	400mm	50 / 60Kg
684-030	600mm	200Kg

Follower plates



Follower plate

Code	Size	Drum capacity
686-010	310mm	20 / 30Kg
686-020	400mm	50 / 60Kg
686-030	600mm	200Kg

Drum trolley's



688-010
Trolley
20 / 30 Kg drum



688-020
Trolley
50 / 60 Kg drum



688-030
Trolley
180 Kg drum

Grease couplers



690-010
Grease coupler
4 Jaw



690-020
Grease coupler
Button head 15mm
Pull type



690-030
Grease coupler
Button head 15mm
Push type



690-040
Grease coupler
Button head 22mm

Grease swivels



692-010
Swivel
Straight 1/4"



692-020
Swivel
Z Type 1/4"

Grease controls



694-010
Grease control
Ridget hose with
swivel and coupler



694-020
Grease control
Flexible hose with
swivel and coupler

Bearing packer



696-010
Bearing packer
Suitable to pack bearings with grease
up to a bearing diameter of 88mm

Grease hose



698-010
Grease hose
400mm x 1/8"



Grease hose
1/4"

Code	Length
698-020	1.5m
698-030	3m
698-040	5m

Grease hose reel



Hose reel grease

Code	Hose
700-010	10m
700-020	15m

Oil suction gun



702-010
Suction gun
500ml

Lever type pump



704-010
Lever type transfer pump
Oil & diesel
25L/min

Rotary type pump



704-020
Rotary pump
Oil & diesel
45L/min @ 60RPM

Gear oil dispenser



704-040
Gear oil dispenser
16L Container

Oil pump (pneumatic)



Oil pump stub type
Pneumatic

Code	Volume	Ratio
706-010	21.5L/min	3.5:1
706-020	15.5L/min	5.5:1



704-030
Rotary pump
Petrol & thinners
45L/min @ 60RPM

Oil controls



Oil pump drum type
Pneumatic

Code	Volume	Ratio
706-030	21.5L/min	3.5:1
706-040	15.5L/min	5.5:1



708-010
Oil Control
Rigid nozzle with swivel

Oil controls with meters



708-020
Oil Control
Flexible nozzle with swivel



708-030
Oil Control with meter
Rigid nozzle with swivel



708-040
Oil Control with meter
Flexible nozzle with swivel

Oil hose



Hydraulic oil hose 1/2" BSP Fittings both sides	
Code	Length
710-010	1.5m
710-020	3m
710-030	5m
710-040	10m
710-050	12m
710-060	15m

Oil pumps (pneumatic)



Oil pump stub Pneumatic		
Code	Volume	Ratio
706-050	14L/min	3:1
706-060	14L/min	5:1

Bung adaptor



712-010 Bung adaptor
Necessary to fit drum pumps to a 200L drum. 2" Fitting



Oil pump drum Pneumatic				
Code	Volume	Ratio	Drum	Length
706-070	14L/min	3:1	50/60L	740mm
706-080	14L/min	3:1	200L	940mm
706-090	14L/min	5:1	50/60L	740mm
706-100	14L/min	5:1	200L	940mm

Drum trolley's



688-010 Trolley
20/30L drum



688-020 Trolley
50/60Lg drum



688-030 Trolley
200L drum

Oil hose reels



Hose reel oil	
Code	Hose
714-010	10m
714-020	15m



Hose reel oil	
Code	Hose
714-030	10m
714-040	15m

Drip trays



Drip trays Steel 50mm high	
Code	Length
716-010	50x50cm
716-020	50x80cm
716-030	80x80cm

Oil drains / evacuators



718-010
Oil drain
Capacity 80 L. Bowl 10 L. Pneumatic drain operation. Hose 1.5m



718-020
Oil evacuator (pneumatic)
Capacity 80 L. Suction time 2 L/min. Pneumatic drain operation. Hose 2m. 7 Suction probes included



718-030
Oil drain and evacuator in one
Capacity 80 L. Bowl 10 L. Suction time 2 L/min. Pneumatic drain operation. Hose 2m. 7 Suction probes included

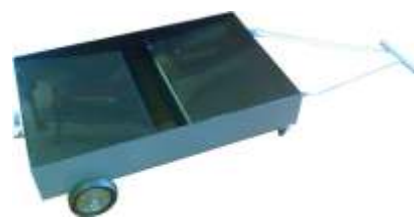


718-040
Oil evacuator (manual)
Capacity 7L complete with 4 probes

Oil drains



720-010
Oil drain
16L



Oil drain (Truck)
Trolley type on wheels

Code	Capacity	Size
720-020	60L	90x50x15cm
720-030	240L	150x80x20cm

Sump socket set



722-010
Sump plug socket set
21 Piece

Oil measures



Measuring jug
Complete with lid

Code	Capacity
724-010	1L
724-020	2L
724-030	5L

Funnels



Funnel
Complete with lid

Code	Size
726-010	180mm
726-020	200mm

Oil cans



Oil can
With brass internals

Code	Container
728-010	300ml
728-020	500ml
728-030	700ml

Oil drum trolley's



730-010
Drum trolley
With this trolley it's easy to lift and move 200L drums 250mm rubber wheels



730-020
Drum decanting trolley
Capacity 220Kg
Suitable for 200L drums

Oil filter cups / wrenches



732-030 Oil filter cup set 30 Piece set			
Code	Size	Flutes	Steps
732-040	66/6 66mm	6 flutes	1 step
732-050	65/14 65mm	14 flutes	1 step
732-060	65-67/14 65-67mm	14 flutes	2 step
732-070	68/14 68mm	14 flutes	1 step
732-080	73/14 73mm	14 flutes	1 step
732-090	74/15 74mm	15 flutes	1 step
732-100	74-76/15 74-76mm	15 flutes	2 step
732-110	75-77/15 75-77mm	15 flutes	2 step
732-120	76/12 76mm	12 flutes	1 step
732-130	76/14 76mm	14 flutes	1 step
732-140	76/30 76mm	30 flutes	1 step
732-150	76/8 76mm	8 flutes	1 step
732-160	78/15 78mm	15 flutes	1 step
732-170	80/15 80mm	15 flutes	1 step
732-180	80-82/15 80-82mm	15 flutes	2 step
732-190	86/16 86mm	16 flutes	1 step
732-200	86/18 86mm	18 flutes	1 step
732-210	90/15 90mm	15 flutes	1 step
732-220	92/10 92mm	10 flutes	1 step
732-230	93/15 93mm	15 flutes	1 step
732-240	93/36 93mm	36 flutes	1 step
732-250	93/45 93mm	45 flutes	1 step
732-260	95/15 95mm	15 flutes	1 step
732-270	96/18 96mm	18 flutes	1 step
732-280	100/15 100mm	15 flutes	1 step
732-290	106/15 106mm	15 flutes	1 step
732-300	108/15 108mm	15 flutes	1 step
732-310	108/18 108mm	18 flutes	1 step
732-320	Adaptor 3/8" x 1/2"		
732-330	3 Jaw Two way oil filter wrench 65-120mm.		



732-010
Oil Filter Wrench Set
9 Piece

14 flutes x 64.5mm
14 flutes x 64.5mm
15 flutes x 88.8mm
14 flutes x 74.2mm.
16 flutes x 86.6mm.
6 flutes x 27mm
6 flutes x 32mm
6 flutes x 36mm
63-83mm. Universal oil filter wrench 63-83mm.



734-010
Oil filter plier
Locking plier type
53 - 118mm

734-020
Toyota filter cup
14 Flutes x 64.5mm
Steel thickness: 2.5mm
Designed with 6 slots
1/2" Drive or 21mm spanner

732-020
Oil filter cup set
15 Piece



734-030
Oil filter wrench 3 Leg
Loosens or tightens oil filters from 2.1/2" to 4.3/4" (60 - 120 mm) diameter. Use with 3/8" square drive or 3/4" (19mm) spanner.

734-040
Oil filter wrench two way
Removes all oil filters from 2 1/2"- 4 3/4" (65 - 120 mm). Use with 1/2" or 3/8" square drive tool.

Oil filter wrench Heavy duty Swivel type

Code	Range
734-050	60mm to 73mm
734-060	73mm to 85mm
734-070	85mm to 95mm
734-080	95mm to 111mm

Oil filter wrenches



734-090
Oil filter strap
 Maximum 152mm filter diameter
 Nylon



Oil filter straps
Leather type

Code	Range
734-100	Up to 160mm
734-110	Up to 240mm



734-120
Oil filter wrench
 Chain type
 60 - 140mm



734-130
Oil filter wrench
 Chain type
 Up to 135mm diameter



Oil filter wrench
Double chain type

Code	Range
734-140	60 to 115mm
734-150	60 to 170mm



734-160
Hinged oil filter wrench
 Heavy duty chain type
 Suitable for filter diameters from 60mm to 160mm.
 Total length of chain: 520mm.

Pumps



Diesel pump 3/4"

Code	Voltage	Volume	Amps
736-010	12V	50L/min	24A
736-020	12-24V	30-50L/min	6.5-13A



Diesel pump 1"

Code	Voltage	Volume	Amps
736-030	12V	56L/min	35A
736-040	12-24V	35-70L/min	16-25A



Diesel pump 1"

Code	Voltage	Volume	Amps
736-050	12V	85L/min	42A
736-060	24V	85L/min	21A



Oil pump

Code	Voltage	Volume	Amps	Port
736-070	12V	5L/min	22.5A	1/2"
736-080	24V	5L/min	19.5A	1/2"
736-090	12V	10L/min	35A	3/4"
736-100	24V	10L/min	18A	3/4"



736-110

Diesel pump 1"
230V
56L/MIN
3A



Diesel / oil pump 1"

Code	Voltage	Volume	Amps
736-120	230V	25L/min	5.5A
736-130	230V	50L/min	6.5A



736-140
Oil pump 1"

230V
14L/MIN
6A



Petrol AVGAS pump 1"

Code	Voltage	Volume	Amps
736-150	12V	50L/min	21A
736-160	230V	50L/min	1A



Diesel pump 3/4" kit

Code	Voltage	Volume	Amps
738-010	12V	50L/min	22A
738-020	24V	50L/min	13A



Diesel pump 1" kit

Code	Voltage	Volume	Amps
738-030	12V	56L/min	35A
738-040	12-24V	35-70L/min	16-25A



738-050

Diesel pump 1" kit
12V
80L/MIN
22A



Oil pump 3/4" kit

Code	Voltage	Volume	Amps
738-060	12V	10L/min	22A
738-070	24V	10L/min	18A

Pump kits



Diesel pump 1" kit				
Code	Voltage	Volume	Amps	Meter
738-080	12V	80L/min	44A	No
738-090	12V	80L/min	44A	Yes
738-100	24V	80L/min	22.5A	No
738-110	24V	80L/min	22.5A	Yes



Diesel pump kit					
Code	Voltage	Volume	Amps	Meter	Port
738-120	230V	56L/min	44A	No	1"
738-130	230V	56L/min	44A	Yes	1"
738-140	12-24V	35-70L/min	16A	Yes	3/4"



Oil pump 1/2" kit				
Code	Voltage	Volume	Amps	Meter
738-150	12V	4L/min	18.5A	No
738-160	24V	4L/min	18.5A	Yes



Oil pump 1/2" kit				
Code	Voltage	Volume	Amps	Meter
738-170	230V	9L/min	3.8A	No
738-180	230V	9L/min	3.8A	Yes
738-190	230V	28L/min	4.6A	No
738-200	230V	28L/min	4.6A	Yes

Petrol AVGAS pump kit					
Code	Voltage	Volume	Amps	Port	
738-210	12V	50L/min	21A	1"	
738-220	230V	50L/min	1A	1"	

Petrol AVGAS pump kit					
Code	Voltage	Volume	Amps	Port	
738-230	12V	50L/min	21A	1"	
738-240	230V	50L/min	1A	1"	

Flow meters



740-010
Diesel flow meter
1" Ports
Maximum flow 100L/min
Maximum 10Bar
4 Digit display



740-020
Petrol AVGAS flow meter
1" Ports
Maximum flow 100L/min
Maximum 10Bar
3 Digit display



740-030
Petrol AVGAS flow meter
1" Ports
Maximum flow 100L/min
Maximum 10Bar
3 Digit display



740-040
Flow Meter diesel / oil 1/2"
Flow rate of 30 L/min
Max Pressure of 70 Bar
5 Digit Display.



Flow meter 1" port			
Code	Material	Volume	Pressure
740-050	Diesel	120L/min	20Bar
740-060	Petrol	120L/min	20Bar

Fuel control



742-010
Manual Nozzle 1"
Flow rate of 120 L/min
complete with swivel

Fuel controls



742-020
Manual Nozzle 1"
Flow rate of 150 L/min
complete with swivel



742-030
Automatic Nozzle 1"
Flow rate of 120 L/min
complete with swivel

Filters (oil, diesel, petrol & AVGAS)



Filter 1" Port			
Code	Volume	Combination	Microns
744-010	60L/min	Head & Filter	10
744-020	60L/min	Head only	
744-030	60L/min	Filter only	10
744-040	100L/min	Head & Filter	10
744-050	100L/min	Head only	
744-060	100L/min	Filter only	10

Water absorbing filter (diesel, petrol & AVGAS)



Filter (Water captor) 1" Port			
Code	Volume	Combination	Microns
746-010	70L/min	Head & Filter	30
746-020	70L/min	Head only	
746-030	70L/min	Filter only	30
746-040	150L/min	Head & Filter	30
746-050	150L/min	Head only	
746-060	150L/min	Filter only	30

Hose (diesel, petrol & AVGAS)



748-010
Hose with 1" fittings both sides
Length 4m
Maximum pressure 10Bar



Hose reel diesel		
Code	Hose	Diameter
750-010	10m	20mm
750-020	10m	25mm

Pump accessories



752-010
Drum connector without flange 2" x 1"
Drum connector with flange. Top section connects to pump and bottom section connects to riser tube.



752-020
Drum connector with flange 2" x 1"
Drum connector with flange. Top section connects to pump and bottom section connects to riser tube.



752-030
Drum connector quick type 2" x 1"
Quick connector. Top section connects to pump and bottom section connects to riser tube.



752-040
Flange 1"
Flange specially designed to connect to most pumps, drum connectors etc. A perfect connection is made by o rings.



752-050
Riser tube 1"
Riser tube can be connected via drum connectors or directly onto pumps to suck material out of drums. Riser tube is extendable to accommodate various drum capacities.

Parts cleaners



754-020
Parts cleaner
Single brush
40 L container 230V Single phase
No bleeding necessary and easy to clean. Stand alone unit.



754-030
Parts cleaner
Double brush
40 L container 230V Single phase
No bleeding necessary and easy to clean. Stand alone unit.

Parts cleaner brush



754-040
Parts cleaner brush
Nylon
Replaceable brush for parts cleaners. Hole through center for chemical to flow.

Parts cleaner



754-010
Parts cleaner
Single brush
20 L container. Pneumatic pump.
No bleeding necessary and easy to clean. Bench top or under vehicle use.

Pressure washer



756-030
Pressure washer (cold water)
Semi industrial type
5 m hose. 95 Bar pressure
6 L/min (360 L/hour)
230V Single phase 1850W
Not recommended for constant use



Pressure washer (cold water)
Industrial professional type

Code	Pressure	Volume	Voltage
756-010	120Bar	12L/min	220V
756-020	150Bar	15L/min	380V

Foamer



758-010
Foamer
Used to apply car shampoo and detergent to vehicles.
10m hose with gun. 50L tank.
Maximum pressure 8 Bar.

Vacuum cleaner



760-010
Vacuum cleaner
2 x 1200 W motors.
100 L per second vacuum power
70 L tank. 230V.

Paraffin spray gun



762-010
Paraffin spray gun
1L cup capacity

Sand blasters



764-010
Sand blasting gun
Sandblaster needs a medium to large size compressor to operate.



764-020
Sand blaster (bench top model)
Internal dimension 560 x 460 x 280mm
Sandblaster needs a medium size compressor to operate.



764-030
Sand blaster on stand
Internal dimension 600 x 840 x 630mm
Includes foot operated pedal. Sandblaster needs a large compressor to operate

Injector tester & cleaner (petrol)



766-010 Injector tester and cleaner

Tester supplied with most adaptors for electrical and mechanical petrol injectors. Injectors can be tested on bench and cleaned with ultrasonic bath. Test 8 or clean 8 injectors simultaneously. Adaptors and ultrasonic bath included

766-020 Ultrasonic bath

Ultrasonic bath supplied with injector tester but available separately if required. Fluid capacity 1L.

Injector tester (diesel)



766-030 Injector tester (diesel)

Also known as a pop tester
Maximum pressure 60Bar

Injector tools



768-030 Diesel injector / sensor socket set

14 Piece.
A comprehensive set of sockets to remove and install diesel injectors and lambda sensors. 17 to 30mm bi-hexagon and 20 to 22mm hexagon sockets.



768-010 Injector socket set

4 Piece. 22mm Hexagon socket
22, 27 and 28mm bi-hexagon sockets



768-020 Sensor socket set

7 Piece.
A comprehensive set to remove and install a wide range of oxygen and oil pressure sending units



770-010 Injector shaft cleaning set

28 Piece
To be used to clean off carbon on shafts prior to replacing injectors



772-010 Diesel injector seat cutter set

7 Piece.
To clean and re-cut the injector seats of modern common rail diesel engines



772-020 Diesel injector seat cutter set

17 Piece.
To clean and re-cut the injector seats of modern common rail diesel engines



774-010 Injector puller set

A master injector extractor kit for removal of diesel injectors

Injector tools



774-020
Diesel injector puller
 Assists with the removal of stubborn Bosch and Lucas diesel injectors. With M8, M12, M14 adaptors. Length: 230mm



774-030
Injector puller set
 This 3 piece diesel injector puller set comes complete with an extractor key for removing the inner part of the Bosch injectors.



774-040
Injector puller set
 To be hooked on base (overhead or sideways). Slide hammer for easy removal. Suitable for most Bosch injectors.



774-050
Injector puller set
 Can be hooked on base or fitted to injector intake. Slide hammer for easy removal. Suitable for most Bosch injectors.



776-010
Injector pump puller
 Diesel



776-020
Fuel injector seal installer / remover
 A set of fitting aids to enable the operator to correctly fit the Teflon seal (or ring) onto a BMW fuel injector prior to refitting the fuel injector to the cylinder



776-030
Injection pump locking tool
 Suitable for all 2.2 and 3.2 Ford TDCI engines



776-040
Injection pump lock
 Land Rover, Jaguar
 3.0 TDV6



776-050
Injection pump lock
 Mercedes Benz
 601, 602, 603



776-060
Oxygen sensor socket
 22mm



776-070
Oxygen sensor socket
 22mm



776-080
Diesel injector socket
 MAN, Mercedes Benz

Automatic transmission service station



778-010
Automatic transmission oil exchanger & cleaner
 Can be used in manual or automatic cycle. Easy to use with only 4 buttons. Measurement of delivery and return pressures. User friendly software. Two scales and pumps with oil temperature measurement. Automatic discharge of old oil with removable new and used oil tanks. Includes assortment of fittings to connect most transmissions. 220V Single phase.

Transmission jacks (trolley type)



780-010
Transmission jack
Trolley type
 1,5 Ton capacity
 Transmission jack with adjustable cradle
 Minimum height 270mm
 Maximum height 900mm



780-020
Transmission jack
Trolley type
 2 Ton capacity
 Transmission jack with adjustable cradle
 Minimum height 210mm
 Maximum height 960mm

Transmission jacks (pit / lift type)



782-010
Transmission jack
Pit / Lift type
 500Kg capacity
 Transmission jack with fork
 Minimum height 1135mm
 Maximum height 1950mm



782-020
Transmission jack
Pit / Lift type
 500Kg capacity
 Transmission jack with adjustable cradle
 Minimum height 850mm
 Maximum height 1760mm



782-030
Transmission jack
Pit / Lift type
 1 Ton capacity
 Transmission jack with adjustable cradle
 Minimum height 855mm
 Maximum height 1845mm

Clutch tools



784-010
Clutch alignment tool
 Operation range: \varnothing 14.4 - 29mm



784-020
Clutch Alignment Tool SAC
 For fast and professional disassembly & assembly of SAC clutches. Fits on most SAC clutches with 3 and 4 hole systems



784-030
Clutch tool (Audi and VW) DSG
 Clutch assembly and disassembly device

Clutch tools



784-040
Clutch tool (Audi and VW) DSG
 Clutch assembly and disassembly device



786-010
Mechatronic unit remover (DSG)
 Specially designed to remove load from plungers of mechatronic unit when you insert the tool between clutch lever and gear housing



Lock ring pliers
 Right angle knurled tips hold rings securely

Code	Length
786-020	250mm
786-030	350mm

CV Tools



788-010
CV Boot clamp plier
 Crimp and flattens ear-type clamps found on CV joint boots, clamps quick clamps on fuel filter and cooling system hoses



788-020
CV Joint clamp banding plier
 Tool for installing CV Bands.
 Includes built-in cutter



788-030
CV Band
 Stainless steel 6mm x 30m roll

Exhaust tools



788-040
Buckle
 Stainless steel buckle to fit 6mm band



790-010
Tailpipe & tubing cutter
 Quickly cuts exhaust and tail pipes in confined areas. Cuts thin wall copper and steel tubing from 19 - 76mm (3/4" to 3") in diameter



790-020
Tailpipe & tubing cutter
 Vice grip handle design cuts pipes easily without needing to exert pressure. Simply turn adjustment T bar in handle for further force. Can cut up to 2.5 mm thickness. Capacity 19 - 83 mm OD



792-010
Exhaust expander
 Tail pipe reshaper



794-010
Exhaust spring clamp remover and installer
 Essential for safe, controlled removal of clamps which attach the exhaust to the manifold.



462-010
Exhaust back pressure tester
 Easy to detect blocked catalytic converters or exhausts

Spray booth



796-010

Spray Booth Car

380V 3 Phase
Outside dimension L 7m x W 5,2m x H 3.6m.
Inside dimension L 6.9m x W 3.9m x H 2.8m
Vehicle door W 3.2m x H 2.7m, Personnel door W 0.8m x H 2m
Available with diesel burner or infrared heaters
32 Explosion proof ceiling lights included.

Collision repair bench



798-010

Collision repair system (Car bench)

Complete with twin boom system capable of pulling 360 degrees
Platform length 5200mm Width 2100mm Height 500mm.
Pulling power per post is 9.5 Ton
Lifting capacity 3000Kg. Easy to use, and fast and very accurate.
Supplied complete with assortment of pulling clamps, chains and anchoring equipment.

Chassis straightener



798-020

Chassis straightener

Complete with single swivel boom. Supplied complete with sill clamps, cross tube, cross tube stands, pull clamps and pull chains.

Spot weld dent puller

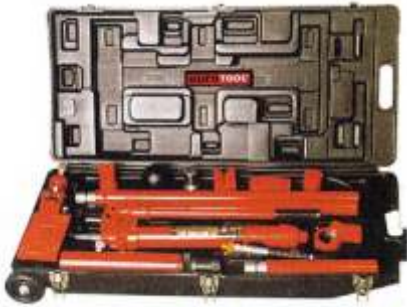


800-010

Electrical spot weld dent puller

3000A Dent puller on trolley. Includes slide hammer with an assortment of rivets to use. 220V Single phase

Body / Chassis repair kits



802-010

Body repair kit

10 Ton Capacity



802-020

Body repair kit

20 Ton Capacity
Supplied in two metal cases



Manual hydraulic pump



804-010

Hydraulic hand pump

10 Ton Capacity
700 Bar
10 000 PSI

Air hydraulic pumps



806-010

Hydraulic foot pump

10 Ton Capacity
700 Bar
10 000 PSI
3.1 L Tank



806-020

Hydraulic foot pump

10 Ton Capacity
700 Bar
10 000 PSI
625ml Tank

Trim tools



808-010
Trim tool
10 in 1 Trim tool



808-020
Trim remover tool
Ideal for removing plastic upholstery fasteners on doors and other applications



808-030
Trim remover set
5 Piece. Easily remove clips on trim and do other upholstery work, without damaging painted surfaces

Speed file



808-040
Trim remover set
11 Piece. Easily remove clips on trim and do other upholstery work, without damaging painted surfaces



810-010
Speed file
Holds 350mm body file. Holder only. File not included. File adjustable as required.



Body file (Speed file)
350mm

Code	Teeth
810-020	9 TPI
810-030	12 TPI

Dolly's



812-010
Dolly
Multi type



812-020
Dolly
Double ended



812-030
Dolly
Curved

Body repair kit



812-040
Dolly
Toe



814-010
Body repair set
6 Piece. Set includes 2 hammers, 3 dollies and 1 moulding spoon

Dent puller



816-010
Dent puller set
9 Piece. 2.5Kg Sliding hammer to remove dents effortlessly.

Body repair tools



818-010
Panel beating hammer
 Heavy shrinking hammer (flat face)
 Milled face



818-020
Panel beating hammer
 Pick hammer
 Crowned face



818-030
Panel beating hammer
 Straight peen and finishing hammer
 Crowned face

Hand sander



820-010
Hand sander
 Sand paper size 70mm x 430mm
 Base length 400mm



820-020
Sanding block
 Sand paper size 212mm x 106mm
 ABS Plastic material

Door opening holder



822-010
Door opening holder set
 Size 74mm to 115mm
 Adjustable anywhere in between

Spot weld cutter



822-020
Spot weld cutter set
 9 Piece. For drilling out spot welds on most body panels. Includes 1 x 5/16" and 1 x 3/8" cutters with 2 cutters spare on both sizes.

Windscreen removal tool



822-030
Windscreen (windshield) removal tool
 7 Piece. Includes stainless steel wire, 2 x Handles, removal tool, wire feeder tool, trim pad remover, windshield molding release tool

Airbag removal tool



822-040
Airbag removal tool set
 12 Piece. Suitable for VW, Audi, BMW, Opel, Renault and Mercedes Benz vehicles

Rivnut tool



350-080
Rivnut tool
 5mm, 6mm, 8mm and 10mm capacity
 Length 320mm. Comes with an assortment of rivnuts. Various shapes of rivnuts available on request.

Positioning jack



030-020
Positioning jack
 Hydraulic type
 700Kg Capacity
 Suitable to move most cars and 4X4 around. Each dolly capable of supporting 700Kg therefore a vehicle of maximum 2.8 Ton weight

Pull back ram



Pull back ram
Stroke 600mm

Code	Capacity
802-030	2 Ton
802-040	5 Ton

Body repair pull clamps



824-010
Pull clamp
Self locking
100mm 10Ton



824-020
Pull clamp
With yoke
100mm 6Ton



824-030
Pull clamp
Right angle
with yoke
100mm 6Ton



824-040
Clamp
Anchor Base



824-050
Base set
Chain fixing
with pins



824-060
Base set
Ball pivot
with pins



824-070
Pull clamp
Right angle
without yoke
100mm



824-080
Pull clamp
Self locking
100mm 6Ton



824-090
Base set
Scissors type



824-100
Ball pivot



824-110
Pull clamp
Large hook



824-120
Pull clamp
Wide serrated



824-130
Pull clamp
Box type 2 way



824-140
Pull clamp
Heavy duty
2 way



824-150
Pull clamp
Small mouth



824-160
Pull clamp
Self locking
60mm 10Ton

Arc welders



826-010
Arc welder MMA (Stick)
 20-120A. Electrode size up to 2.5mm
 Inverter type (light weight and portable)
 Voltage 220V. Includes welding shield
 and cables. Weight 3.2Kg



826-020
Arc welder MMA (Stick)
 20-200A. Electrode size up to 4mm
 Inverter type (light weight and portable)
 Voltage 220V. Includes welding shield
 and cables. Weight 4.35Kg

MIG Welders



826-030
MIG welder (C02)
 250A. Welding wire 0.8 to 1mm
 Voltage 220V. Includes cable and MIG
 torch. Optional extras, flow meter and
 gas. Weight 62Kg

TIG Welders



826-040
MIG welder (C02)
 350A. Welding wire 0.8 to 1.2mm
 Voltage 380V. Includes wire feeder,
 earth cable and MIG torch. Optional
 extras, flow meter and gas. Weight 143Kg



826-050
TIG / MMA welder AC / DC
 Suitable for aluminium welding. 5-200A.
 Electrode size up to 4mm. Voltage 220V.
 Includes earth cable, electrode cable, foot
 operated control and TIG torch. Optional
 extras, flow meter and gas. Weight 15Kg



826-060
TIG / MMA welder AC / DC
 Suitable for aluminium welding. 5-250A.
 Electrode size up to 5mm. Voltage 380V.
 Includes earth cable, electrode cable, foot
 operated control and TIG torch. Optional
 extras, flow meter and gas. Weight 33Kg

Plasma cutters



826-070
Plasma cutter 5mm
 40A. Cutting capacity 0.6 to 5mm
 Voltage 220V. Includes earth cable and
 Plasma torch. Optional extra compressor
 Weight 9Kg



826-080
Plasma cutter 20mm
 60A. Cutting capacity 1 to 20mm
 Voltage 380V. Includes earth cable and
 Plasma torch. Optional extra compressor
 Weight 19Kg



826-090
Plasma cutter 30mm
 100A. Cutting capacity 1 to 30mm
 Voltage 380V. Includes earth cable and
 Plasma torch. Optional extra compressor
 Weight 19Kg

Gas welding



828-010
Gas welding kit
 Includes welding and cutting torch
 complete with regulators, nozzles, flash
 back arrestors, nozzle cleaner, hoses,
 flint lighter and goggles.



Gas regulators

Code	Description
828-020	Oxygen
828-030	Acetylene

Flow meter



828-040
Flow meter regulator (CO2 / ARGON)
 Flow meter with regulator for CO2 or
 ARGON

Gas welding accessories



Flash back arrestors							
Code	Size	Gas	Mount	Code	Size	Gas	Mount
828-050	3/8"	Oxygen	Reg	828-090	9/16"	Oxygen	Reg
828-060	3/8"	Acet	Reg	828-100	9/16"	Acet	Reg
828-070	3/8"	Oxygen	Torch	828-110	9/16"	Oxygen	Torch
828-080	3/8"	Acet	Torch	828-120	9/16"	Acet	Torch

828-130
Flint lighter
Triple head for long life

828-140
Nozzle cleaner
Fold away holder

Welding accessories



828-150
Wire brush
4 Row ideal for welding

828-160
Chipping hammer
Ideal for removing flux

828-170
Welding gloves
Cuff size 204mm

Helmets and goggles



828-180
Welding helmet (flip front)
Helmet with adjustable head strap.
Spare lenses available in request.

828-190
Welding helmet (auto darkening)
Helmet with adjustable head strap.
Fixed darkness shade control.
Spare lenses available in request.

828-200
Welding helmet (auto darkening)
Helmet with adjustable head strap.
Adjustable darkness shade control.
Spare lenses available in request.



828-210
Welding / grinding helmet (auto darkening)
Helmet for welding and grinding with adjustable head strap. Adjustable darkness shade control. Spare lenses available in request.

828-220
Gas welding goggles (flip front)
Goggles with adjustable head strap.
Can be used for grinding with dark lenses flipped up.

828-230
Grinding goggles
Goggles with adjustable head strap.
Anti dust with high impact.

SPIN

PEAK

BEST

Acculiner

HANDYpro

MARK-MOTO

ANNOVI REVERBERI

G5

FORCE
PROFESSIONAL TOOLS

HANDYFORCE

KING TONY

GEDORE

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ECOM

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PNEUMATIC SYSTEMS

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deca

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FRAGRAM

YATO

BM
Brake Master

ELAK

QUALITY
HAND TOOLS
DEAMARK

JTC
AUTO TOOLS

PBI
tools from an
auto world

TRADE
PROFESSIONAL

Sykes-Pickavant

STAHLWILLE

UNILITE
LIGHTS - BUILT - TOUGH

GURTECH
Manufacturers of the Durable Range
of **GGun** Lubrication Equipment

FLEXBIMEC

Red Arrow

AUTOMAS

TEMPER

MAT WELD

MOTOMETER

PUMA
AIR CENTER

Gorbar

TOOL add

