

HEAT & SOUND INSULATION

AUTO ELECTRICAL

BRAKES

COOLING

ENGINE & TRANSMISSION

GENERAL TOOLS

PAINT & BODY SHOP

SUSPENSION

AEROSOLS

SURFACE CARE & RUST PREVENTION

FUEL FILTRATION

VEHICLE SAFETY

SPECIALISED INDUSTRIAL



AGRIEMACH Ltd

Supplier of Engine Protection and Performance

DESIGN ENGINEERING PRODUCTS

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WELCOME TO AGRIEMACH'S LATEST CATALOGUE

We are delighted to present to you our latest catalogue with many new and exciting products that we hope you will find interesting and useful.

We have been market leaders in heat and sound control products for a number of years and many leading equipment and vehicle manufacturers including the aerospace industry are amongst our valued customers.

Our industrial range of products are of the highest quality, as well as being the most technically advanced. We are proud to include as our clients, JCB, Johnston Sweepers, Powerscreen, Hatz, Volvo Construction and many more too numerous to mention.

We hope you find this catalogue interesting, if you need any assistance or wish to place an order over the telephone, just ring us on (01342) 713743 for friendly helpful assistance.

Our Website and online shop are also at your disposal and is an ideal source to find the very latest product lines available.

We look forward to being of service to you.

George Kallmann
Managing Director

P.S. If there is a product you cannot find in our catalogue that you were looking for; then please call us and we will endeavour to track it down for you.

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ALUMINISED HEAT BARRIER

One of our most versatile products is this ultra high temperature protection blanket. Manufactured from flexible, high temperature resistant materials it makes an excellent choice for any application requiring protection from high conductive heat. Most effective in a temperature range of 350 - 1200° F. The highly reflective metallic surface withstands radiant temperatures exceeding 2000° F.

T14001 1/2 m	500mm X 1000mm	£27.73
T14001	1000mm X 1000mm	£55.45

Other sizes available on request.



THERMO-GUARD FR

Thermo-Guard offers the best in heat and sound insulation. This lightweight, durable shield reduces sound, absorbs vibration, protects from radiant heat and provides an extra layer of insulated padding. The product features 100% synthetic fibre felt that provides sound and comfort control and a high-tech foil heat barrier that blocks more than 90% of radiant heat.

Thermo-Guard is easy to apply, as it can be trimmed to fit anywhere from aircraft to automobiles and even in the home.

Available in various sizes, it should be applied with Agriemach's new heavy duty adhesive.

T14130	ONE-SIDE FOIL 24"X48"	£15.50
T14120	ONE-SIDE FOIL 48"X72"	£54.00
T14125	TWO-SIDE FOIL 48"X72"	£64.90



TURBO INSULATING KIT

T15001	4 CYLINDER	£96.35
T15002	6/8 CYLINDER	£112.50


Insulating turbochargers to protect and improve performance is the job of our Turbo Insulating Kit. On the performance side the Turbo Kit keeps the turbo at peak performance and virtually eliminates turbo-lag. Radiant heat is also contained, making for a cool under-bonnet environment. The complete kit fits a wide variety of turbines. From heavy duty truck applications, to the smallest automotive installation, the cut to fit kit comes with plenty of material to cover all turbos. Supplied with complete instructions on the use and measurements necessary for an easy installation of the material.

EXHAUST WRAP HIGH TEMPERATURE PAINT

Preserves and protects exhaust insulating wrap after it has been installed. Extra resins and binders toughen the surface and help extend the life of the wrap by protecting it from friction and seals the pores to minimise the penetration of liquids and reduce the harmful effect of spills.

A range of quick drying very high temperature paints suitable for use on exhaust manifolds, engine blocks, brake drums, brake calipers and pipes. Resists temperatures up to 650°C/1200°F.

T12001	BLACK HIGH TEMP PAINT - 400 ML	£6.50
T12002	SILVER HIGH TEMP PAINT - 400 ML	£6.50
TIS331	WHITE HIGH TEMP PAINT - 400 ML	£6.50
TIS332	RED HIGH TEMP PAINT - 400 ML	£6.50
TIS333	BLUE HIGH TEMP PAINT - 400 ML	£6.50



SPEED TAPE

TD060101	BLACK - 2" X 90 FT	£4.60
TD060102	WHITE - 2" X 90 FT	£4.60
TD060103	RED - 2" X 90 FT	£4.60
TD060104	BLUE - 2" X 90 FT	£4.60
TD060105	YELLOW - 2" X 90 FT	£4.60
TD060106	PURPLE - 2" X 90 FT	£4.60
TD060107	GREEN - 2" X 90 FT	£4.60
TD060108	ORANGE - 2" X 90 FT	£4.60
TD060202	CHECKER-BOARD - 2" X 45 FT	£4.60



Speed Tape has multiple uses including race applications, temporary damage repairs, taping body seams to name a few. Speed Tape tears straight and easy every time and is available in eight colours as well as the popular checkered board. 2"x 90' Rolls (except Checkerboard 2'x 45')

HEAVY DUTY ADHESIVE



TR210 | £4.50

Easy to use, re-positionable glue which is compatible for use on most surfaces. Performs well in higher temperature applications (upto a temperature of 250°C).

BATTERY HEAT BARRIER KIT



The world's only acid neutralising Battery Wrap deflects 90% of radiant heat, traps and neutralises battery acid and protects against corrosion. Used extensively in military applications, the kit is easy to install, safe to handle and best of all, it is inexpensive to fit. Size: 8" x 40". (Also available in custom sizes)

T13200 | £26.30

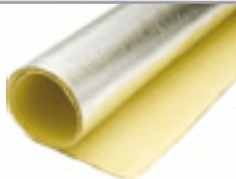
COOL-IT MAT

T14100	24" x 48"	£29.80
T14110	48" x 48"	£60.70
T14100-50	24" x 50ft	£353.00



The secret of the Cool-It Mat is an innovative combination of heat and sound control technologies, a layering of materials possessing different protective characteristics. The mat is composed of a resin-bonded silica blanket insulation sandwiched between a mylar facing on one side and a foil facing on the other. The foil reflects the heat away from surfaces or areas which need to be kept cool or protected from heat damage. The Mylar facing is oriented to the heat source when a lower heat tolerance is required. The middle layer, or spun glass blanket, assists in heat dissipation and is the main sound insulator in the mat. It has a dual density so it has excellent sound absorption at both low and high frequencies.

KEVLAR HEAT BARRIER



The Kevlar Heat Barrier is made from Kevlar with a Mylar finish. The Barrier can withstand up to 3000deg F of radiant heat and can withstand direct contact up to 1100deg F.

T16850	26" x 40"	£119.00
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KEVLAR SILENCER COVER

T16800	£143.00
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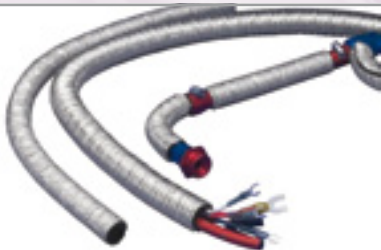


Handles continuous temperatures up to 1100deg F. Reduces radiant heat inside vehicle. Dampens

silencer noise and vibration. Includes stainless steel straps for installation. Neat attractive appearance and is abrasion resistant.

COOL TUBE

Designed to protect wiring, fuel lines and other areas from extreme heat up to 500°F (260°C). Manufactured from convoluted Nylon 6 tubing - NOT PLASTIC - and covered with aluminised glass fibre fabric, Cool Tube combines flexibility with maximum thermal protection. Chemical and abrasion resistant, the tube can be supplied slit lengthwise for ease of installation.



TD010414	1/2" I.D. x 3ft - Slit / Unslit*	£17.85
TD010415	1/2" I.D. x 15ft - Slit / Unslit*	£72.93
TD010406	3/4" I.D. x 3ft - Slit / Unslit*	£28.28
TD010407	3/4" I.D. x 15ft - Slit / Unslit*	£81.70

* state Slit or Unslit when ordering .

COOL TUBE HEAT SHIELD

Keep your induction air cool with this unique lace up tube cover. The design of the cover allows it to fit from 2 1/2 inch to 4 inch air tubes up to 36" long. The lace on heat shield blocks over 98% of the radiant heat of the turbo and exhaust. The kit comes complete with four different colour laces, blue, yellow, red and white.



T14500	£50.75
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HEAT SHIELD



T16500	MUFFLER/ CATALYTIC CONVERTER KIT	£60.90
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The 40" x 24" Mylar Heat Shield is made of woven silica with a flexible Mylar finish. The highly reflective heat shield can be installed between the catalytic converter or silencer to reflect radiant heat away from the underside of the car. Kit includes all necessary fasteners.

HEAT SHROUD

A fast and efficient way to protect wires and lines from heat up to 1200°F. Heat Shroud is made of the same fine laminated materials as our sewn sleeving. With Heat Shroud, however, there is no need to unfasten the line or bundle of wires you are protecting. Heat Shroud is wrapped around the wires or lines you are protecting and fastens to itself with full-length hook and loop material as a closure. Depending on how tightly it's wrapped, the Heat Shroud's diameter ranges from 3/4" to 1 1/4".



TD010405	HEAT SHROUD - 36" LENGTH	£31.43
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KEVLAR HOT SLEEVE

PMT4598	£9.80
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Kevlar hot sleeve protects arms from burns whilst working on engines and exhaust systems. Made from hard wearing, double skinned Kevlar with thumb slot which ensures the sleeve does not slip and 360mm long giving complete protection.



SPARK PLUG WIRE HEAT SHIELD

T14200	x 2	£16.55
T14250	x 4	£33.10



The heat shield that offers the ultimate protection for spark plug wires and boots from conductive and radiant heat. The dual composite sleeve has a surface that reflects over 90% of radiant heat while the inside silica based fabric prevents conductive heat from penetrating. Two 1/2" dia. X 6" long.

EXHAUST/TAILOPIPE REPAIR KIT

PMHF97799

£6.40

Innovative all-steel clamp and high temperature silica/ceramic gasket will seal and support leaking tailpipes in minutes.

- Gasket withstands temperatures as high as 700° Fahrenheit
- Pipe capacity: 1-1/2" to 2-1/2" diameter
- Zinc-plated clamp resists rust and corrosion.



EXHAUST INSULATION WRAP

For use on all internal combustion engines; diesel, rotary, 2-stroke, turbo-charged, fuel-injected, blown, performance or track, passenger cars, trucks, motorcycles, RVs, marine, and aircraft.

- 1) Reduces under bonnet temperatures up to 70%.
- 2) Increases horsepower and fuel efficiency.
- 3) Withstands continuous heat up to 2000°F (1093°C).
- 4) Increases the life of engine and electronics.

Also available - Snap Straps for an easy to use method of securing exhaust wrap.

T11151	1" x 1/16" x 15'	£8.95
T11153	1" x 1/16" x 15' Black	£10.25
T11001-25	1" x 1/16" x 25'	£15.75
T11021-25	1" x 1/16" x 25' Black	£17.70
T11001	1" x 1/16" x 50'	£26.90
T11021	1" x 1/16" x 50' Black	£30.00
T11152	2" x 1/16" x 15	£15.35
T11154	2" x 1/16" x 15' Black	£16.40
T11002-25	2" x 1/16" x 25'	£26.25
T11022-25	2" x 1/16" x 25' Black	£29.50
T11002	2" x 1/16" x 50'	£45.20
T11022	2" x 1/16" x 50' Black	£49.50
T11003	2" x 1/16" x 100'	£90.40
T11006	6" x 1/16" x 100'	£214.00

APPROXIMATE COVERAGE FOR INSTALLING EXHAUST INSULATING WRAP

1" EXHAUST INSULATING WRAP

Pipe Size:	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/8"	2 1/4"
Inches of Wrap per foot of Pipe:	70"	76"	82"	88"	95"	101"	108"	113"

2" EXHAUST INSULATING WRAP

Pipe Size:	2"	3"	4"	5"	6"
Inches of Wrap per foot of pipe:	44"	57"	70"	83"	96"
Coverage per 50 ft roll of Wrap:	13'	11'	9'	7'	5'



COPPER EXHAUST WRAP

T11031	1" x 50'	£28.20
T11032	2" x 50'	£47.50



Improves heat resistance up to 30% more than current technology. Creates more horsepower, reduces under-hood temperatures and is more abrasive resistant. Increases exhaust scavenging and withstands continuous heat up to 2000°F.

TITANIUM WRAP

TD010128	1" X 15FT	£15.00
TD010126	1" X 50FT	£38.00
TD010129	2" X 15FT	£20.67
TD010127	2" X 50FT	£59.80



Titanium Wrap is extremely durable and capable of handling more heat than any other wrap found in the market today. Typical glass fiber wrap is rated at handling 1200 degrees F of maximum direct heat, while new Titanium Wrap, using LR Technology, is capable of handling direct continuous heat up to 1800 degrees F and radiant heat up to 2800 degrees F.

HEADER MANIFOLD BLANKET

T14004	4 CYL. & STRAIGHT 6 - 1m x 1m	£79.00
T11003	V6-V8 BLOCK - 1.5m x 1m	£84.00



Flexible heat shield to cover upper header or exhaust manifolds. Protect underhood components from harmful exhaust heat. Great for wrapping cast iron, and also for RV applications.

EXHAUST JACKET - HIGH VELOCITY

The all new Exhaust Jackets are easy to apply and can be installed with manifolds mounted. Reduces under-bonnet temperatures up to 70%. Increases horsepower and fuel efficiency. Jackets withstand temperature up to 2000°F (1093°C). Works on all manifolds with 2" dia. or smaller primaries. The kits include enough material to insulate up to 22" of each primary tube, and all necessary fasteners.



T11246	4 & 6 CYL. KIT	£69.40	T11248	V8 KIT	£90.80
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SNAP STRAPS - STAINLESS STEEL - PRE-CUT

The pre-cut multi-purpose stainless steel Snap Straps are designed to secure the Exhaust Insulating Wrap but the uses are endless. The high temperature stainless steel straps have a narrow profile to fit tight spots. Simple and safe to use, with no sharp edges.



T13101	8 X 9" LENGTHS OF STRAP + 4 X 18" LENGTHS OF STRAP (V-8)	£25.25
T13105	6 X 9" LENGTHS OF STRAP + 4 X 18" LENGTHS OF STRAP (V-6)	£21.10
T13150	12 X 9" LENGTHS OF STRAP	£22.65
T13160	6 X 18" LENGTHS OF STRAP	£14.85
TD010202	4 X 14" LENGTHS OF STRAP	£8.00
TR1601	SNAP STRAP 7MM CUSTOM CUT STAINLESS STEEL STRAP	£1.51 (per foot)
TTR1603	SNAP STRAP FLIP LOCK SCREW	£3.38

REFLECT-A-COOL

Reflect-A-Cool is a reflective material with an adhesive backing. It is a combination of fibreglass and an aluminised foil layer to reflect the heat away from sensitive areas. The amount of reflection, as with any reflective material, depends upon the distance from the object and the mass of heat. It will reflect up to about 1500°F (816°C) and protects against a continuous temperature of 600°F (320°C). This offers excellent protection where a mechanical fastener cannot be used, e.g. on a firewall, in the cockpit of a racing car. It can easily be cut to fit and has an excellent adhesive quality.

T13500	12" x 12"	£13.00
T13575	24" x 12"	£21.55
TS332ALFOL	1m x 1m	£45.00
TD010412	48" x 36"	£56.12



STARTER HEAT SHIELD

The Starter Heat Shield developed to eliminate starter problems caused by close proximity of the exhaust to the starter. The radiant heat of the exhaust easily produces enough heat to destroy the windings of the starter and solenoid. To combat this problem we can offer an easy to install strap-on heat barrier to reflect the radiant heat produced by an exhaust system.

The universal kit enables the user to insulate the starter and solenoid. The unique construction of the aluminised material provides protection by reflection of up to 90% of radiant heat.



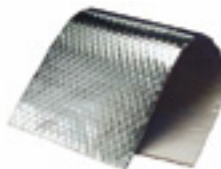
T14150	7" x 22"	£25.67
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FLOOR TUNNEL HEAT SHIELD

The shield is designed to withstand direct temperatures of 1750°F (955°C) and is ideal for under vehicle application for both heat and sound deadening purposes.

Constructed utilising an embossed 10 mil aluminium face bonded to a 1/8" (2 mm) composite fibreglass insulation, the floor and tunnel shield is backed with a very aggressive adhesive that holds past 450°F (230°C). The shield is only 3/16" (4 mm) thick, so requires only minimal clearance and can be shaped and trimmed for a custom fit. The floor and tunnel shield provides the optimal way to reflect heat and sound away from floor pans and floor tunnel areas but can also be used to protect underhood and firewalls as well, being ideal for use on exterior areas such as under-vehicle locations.

TD050501	2 ft x 21" (610 mm x 533 mm)	£30.80
TD050502	4 ft x 21" (1220 mm x 533 mm)	£61.62
TD050503	4 ft x 42" (1220 mm x 1066 mm)	£123.00



THERMO-SLEEVE

The aluminised hose and wiring protection sleeve reflects over 90% of radiant heat to provide the ultimate in protection. The fireproof material is oil resistant providing protection from possible leaks or spills.



Available from 1/4" to 2 1/2" I.D. Packaged in 3ft lengths.

T14005	3' roll fits 1/4" - 1/2"	£12.75
T14010	3' roll fits 5/8" - 1"	£16.95
T14015	3' roll fits 1 1/8" - 1 1/2"	£21.25
T14020	3' roll fits 1 5/8" - 2"	£25.50
T14025	3' roll fits 2 1/8" - 2 1/2"	£29.70

50' rolls available on request.

THERMO-FLEX



T17062	5/8" x 3ft	£13.40
T17062 - 10	5/8" x 10ft	£37.20
T17075	3/4" x 3ft	£15.00
T17075 - 10	3/4" x 10ft	£41.65
T17100	1" x 3ft	£17.35
T17100 - 10	1" x 10ft	£48.15
T17125	1 1/4" x 3ft	£19.50
T17125 - 10	1 1/4" x 10ft	£54.20
T17150	1 1/2" x 3ft	£22.15
T17150 - 10	1 1/2" x 10ft	£61.50
T17300	3" x 3ft	£35.95
T17300 - 10	3" x 10ft	£99.90

The Thermo-Flex heat shield is a composite heat shield material with unlimited uses. The material is manufactured from a combination of materials to provide abrasion resistance, thermal insulation and physical containment of hoses and wiring. The combination of aluminium, silica and stainless steel are combined to produce a sleeving that is flexible, lightweight and strong.

The aluminum silica combination can be slit for applications such as wire looms or hose covering without disconnecting the ends of the wire or hoses.

Thermo-Flex is available in 5/8"- 3/4"-1" 1 1/4"-1 1/2" and 3" I.D. Custom sizes from 1/2" to 18" I.D. Thermo-Flex can withstand extreme temperature of 740°F (395°C) in aluminum.

(1050° F (570°C) in stainless steel - prices on application).

LIZARD SKIN CERAMIC INSULATION

TLS50102/1 GALLON	WHITE LIZARD SKIN CERAMIC INSULATION	£83.00
TLS50100/1 GALLON	BLACK LIZARD SKIN CERAMIC INSULATION	£83.00
TLS50102/2 GALLON	WHITE LIZARD SKIN CERAMIC INSULATION	£159.00
TLS50100/2 GALLON	BLACK LIZARD SKIN CERAMIC INSULATION	£159.00
and optional		
TLS50125	SPRAY GUN	£88.99

Amazing Lizard Skin spray-on insulation not only reduces engine noise by 10 - 12 decibels and solar heat transfer by 25 - 30°F but protects from moisture and corrosion as well. Lizard Skin can be applied with a brush, roller or spray, is environmentally safe and can be sanded and painted to a concourse finish.

Lizard Skin will withstand temperature up to 500°F (260°C) offering a seamless membrane over the area being covered. It will adhere to any clean, dry substrate and forms an impervious barrier to water.

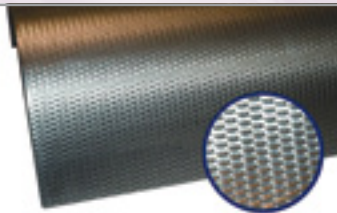
Ideally suited for use under floorboards, wheel arches, firewalls and under bonnet applications, as well as solar insulation of the body shell. Lizard Skin is available in 2 gallon containers in both black and white and is easy to apply. Covers 47.5 sq. ft - 1 mm thick.



MICRO LOUVRE AIR SHIELD

T11710	12" x 24"	£28.95
T11720	24" x 24"	£45.50
T11740	48" x 24"	£82.50

Made from lightweight durable aluminium, featuring micro air louvres. These louvres self cool the surface of the material through air convection making this product one of the most efficient heat shields ever developed to block radiant heat.



AUTOMOTIVE EXPANDING FOAM

TUEF	24 OZ SPRAY CAN (680 G)	£14.00
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Unique Expanding Fire Stop Foam is similar to commercial expanding foam but does not emit toxic fumes when exposed to flames and will not catch fire.



SUPPRESSOR SOUND AND HEAT MAT

The Suppressor Mat is ideal when both sound and radiant heat control is needed. In addition to the polyethylene film, the foil surface provides direct protection from radiant heat. Ideal for areas like firewalls, floorboards or doors. The Suppressor Mat is 1.778 mm thick, contains a high temperature adhesive backing and is easy to trim and fit.

T14600	12" x 12" (two pieces)	£13.25
T14610	36" x 24"	£26.00
T14620	36" x 60"	£51.70

Also available:-
Rubberised Mat Roller to assist in the application process (T14800) | £13.50



SUPER SONIC ACOUSTIC MAT

This high quality mat offers superior sound dampening control to reduce road noise, rattles, engine noise, and any other noises that are bothersome. The high-density polyethylene film with an aluminium foil composite is abrasion and tear resistant. The grey film provides structural integrity and strength, allowing the material to bend, move and return to shape even under tension forces. The product is 1.778 mm thick. The rubberised compound is applied with the high temperature adhesive to absorb all those out of control noises. The extra strong adhesive makes the mat very easy to fit and can be cut to any shape.

T14700	12" x 12" (two pieces)	£14.30
T14710	36" x 24"	£26.95
T14720	36" x 60"	£56.10

Also available:-
Rubberised Mat Roller to assist in the application process (T14800) | £13.50



PIPE HEAT SHIELD - CLAMP-ON

The flexible clamp on pipe heat shield blocks over 98% of the damaging radiant heat of the exhaust. The high-tech composite construction of the heat shield provides the ultimate in protection.

The kits come complete with all clamps, can be installed in minutes and are available in one, two and three foot lengths. Clamp-on pipe heat shields incorporate a proprietary coating technology. Suitable for pipe diameters - Pipe dia. 1/18" - 3 1/2" dia.



T11600	1FT	£23.65
T11620	2FT	£36.30
T11630	3FT	£48.40

HEAT SLEEVE

This silicone-coated fibreglass sleeving is designed to protect wires cables and hoses from high temperature exposure, liquid spills and occasional exposure to flame. It is capable of continuous protection to 500°F (260°C) and short term exposure to 2200°F (1200°C). Available in silver or black for sizes and prices see below.

T18050	1/2" X 3FT HEAT SLEEVE BLACK	£19.22
T18050-10	1/2" X 10FT HEAT SLEEVE BLACK	£60.90
T18051	1/2" X 3FT HEAT SLEEVE SILVER	£19.22
T18051-10	1/2" X 10FT HEAT SLEEVE SILVER	£60.90
T18075	3/4" X 3FT HEAT SLEEVE BLACK	£24.50
T18075-10	3/4" X 10FT HEAT SLEEVE BLACK	£77.53
T18076	3/4" X 3FT HEAT SLEEVE SILVER	£24.50
T18076-10	3/4" X 10FT HEAT SLEEVE SILVER	£77.53
T18100	1" X 3FT HEAT SLEEVE BLACK	£32.95
T18100-10	1" X 10FT HEAT SLEEVE BLACK	£104.00
T18101	1" X 3FT HEAT SLEEVE SILVER	£32.95
T18101-10	1" X 10FT HEAT SLEEVE SILVER	£104.00



THERMO-SHIELD TAPE

T14002	11/2" x 15ft	£17.30
T14002-60	2" x 60ft	£65.00

This self adhesive aluminised tape is an economical and very effective way of protecting hoses and wiring harnesses from the effect of excessive heat without the need to disconnect these components, saving time and money and increasing the longevity of the insulated components.



REFLECT-A-GOLD



TD010391	12 X 12 REFLECT-A-GOLD	£16.60
TD010392	12 X 24 REFLECT-A-GOLD	£28.90
TD010393	24 X 24 REFLECT-A-GOLD	£53.40
TD010394	1.5" X 15FT REFLECT-A-GOLD	£27.40
TD010397	2" X 30FT REFLECT-A-GOLD	£77.51

This state-of-the-art polymer laminated glass cloth is extremely light weight and capable of handling continual operating temperatures up to 850° F, reflecting 80% of all radiant heat while offering a weight savings advantage versus other types of reflective materials.

Requiring minimal clearance, Reflect-A-GOLD is a highly conformable material that has a pressure sensitive adhesive backing that is easy to apply and remove. Common uses include wrapping wire bundles, fuel lines, engine covers, seat bottoms, bulk heads, fuel cells, engine compartment...the possibilities are endless.

IN-LINE SPARK CHECKER KIT FOR RECESSED PLUGS



This kit is a must for anyone testing vehicles with recessed spark plugs and can troubleshoot virtually any vehicle both domestic and imports including SUV's and trucks. It also provides information not available with OBD II code reading devices and shows a duplicate view of the ignition spark.

PMTA23970 | £14.95

IN-LINE IGNITION SPARK CHECKER

Features a 90° boot and longer wire to easily install and remove the In-Line spark checker between the spark plug and ignition wire. Great for working in confined areas, such as 'cab forward' designed vehicles to overcome obstructions like shock towers, air conditioning tubing and exhaust manifolds. Use to quickly trouble-shoot ignition system with 'hands-free' operation.

PM23920 | £11.65



LED RECHARGEABLE LAMP

This compact rechargeable LED lamp features magnetic back fixing, swivel hook, soft grip and 36 super bright LED. It can be recharged from 12volt output socket or 240v. Fits into glove compartment for general or breakdown use.



PMTc77040 | £25.95

FLEXI LIGHT WITH MAGNETIC BASE

This robust LED lamp has a 1w bulb and flexi shaft with strong magnetic base. A handy light that fixes quickly and easily and especially useful under the bonnet or chassis in emergency or general repair situations.



PMTc4114 | £9.50

**240V SOLDERING IRON
25W**



PMTC0425 | £7.00

MULTIFUNCTIONAL TESTER

- For contact and non-contact testing
- Super bright long lasting instant blink LED
- GS & CE approved
- 12v upto 250v
- Contact Test 70-250v AC
- Polarity Test 1.5v - 36v DC
- DC Voltage - up to 250v
- Microwave Leakage detection 5Mw/cm²
- Checks Fuse and bulbs
- Locates circuit breaks.



PMTC55754 | £3.26

BULB & FUSE PLIERS

For removing and installing hard to reach automotive bulbs and fuses. Will service small instrument cluster bulbs, plus xenon, halogen and filament bulbs. Better than using screwdrivers or fingers. Features molded plastic body with cushioned inserts embedded in tips to protect bulbs.



PMD3060 | £8.40

LONG JAW OFFSET SPARK PLUG PLIERS

Offset jaw is 3" (76mm) long for hard to reach spark plug boots. Jaws are also ribbed for extra strength and vinyl coated for protection. Tool is spring-loaded with vinyl coated handles. OAL: 11" (28cm).



PMD3054 | £19.15

GAS SOLDERING IRON

This pocket Gas Soldering Iron is ideal for light gauge wire splicing and precise torching applications and comes complete with its own igniter and cover case.



PMTC3658 | £13.78

GLOW PLUG SOCKET SET

These sockets have a universal joint for easy replacement and removal of all popular glow plugs. Manufactured from matt finished Chrome Vanadium and 72mm long. Sizes: 8mm/10mm/12mm.



PMTC4122 | £18.68

MOTORCYCLE THREAD REPAIR KIT

Repair threaded motorcycle parts such as spark plugs, timing plugs, cylinder head bolts, oil sump drain plugs, engine case bolts, cam covers and more. Can also repair Outdoor Power Equipment. Six different repair kits are packed in a sturdy metal box. Each kit includes one installation tool, one tap and 10 inserts.



Replacement insert packs available separately.

PMD38016 | £169.00

SOLDER IN A TUBE DISPENSER

A neat and handy tube dispenser holding solder for emergency repairs etc.



PMTC2297 | £1.50

BATTERY HYDROMETER

Battery Tester for Lead Acid batteries, easy to read with floating discs showing level of charge. Temperature compensating allows hot or cold temperature testing. Readings in both specific gravity and percentage charge. Range 1.145 to 1.260sg.



PMTC4294 | £3.55

SPARK PLUG TORQUE LIMITING SOCKET

Prevents over-torquing of spark plugs with built-in torque-limiting mechanism.

12-point sockets are Chrome-Vanadium with protective inserts. OAL: 5" (127mm).

For use with standard spark plugs.



PMD2379 | £32.43

BATTERY/ALT TESTER

- Plugs into cigarette lighter port to quickly test your vehicle's charging system
- LED indicators tell whether battery condition is strong, normal, or weak
- Works on any 12V system
- Compact design stores away easily.



PMHF92571 | £18.93

VOLTAGE TESTER

PM3006 | £18.05

Checks voltage on any electrical component or connection, including total battery voltage in D.C. systems up to 16 volts. Features large case with easy to read scale, 36" (910 mm) leads clamp and probe.



AUDIO CIRCUIT TESTER

PM25500 | £17.01

Handy device for locating short and open circuits. Horn sounds when circuit is complete. Long 5ft leads permit technician to work around corners, under dashboards, in boots, in fact at any distance from the tool. Both hands remain free. Suitable for use on all 6 and 12 volt circuits.



NOID LIGHTS, IAC TEST LIGHTS & IGNITION SPARK TESTER KIT

This kit is used to test electronic fuel injection signals, idle air control circuit and spark plug circuits. Included in the kit are:- (a) 8 noid lights for checking GMPFI, Ford TBI, GEO TBI, Bosch PFI, GMTBI, GMSCPI, Bosch 2 and GM Multec 2. (b) 2 IAC test lights for straight and 90° applications. (c) Plus inline spark checker. The kit enables the technician to quickly diagnose "no starts" and missing engine conditions in the electrical, fuel injection and spark plug circuits, enabling one to analyse rough running engines. It is supplied in a durable moulded storage case with full user instructions.



PMTA36330 | £31.30

UNIVERSAL IGNITION SPARK TESTER

PM3020 | £5.71

The most essential tool for troubleshooting no-starts. Allows user to see AND hear if spark is present and test intensity. Adjusts for any ignition system from small engine magneto to high energy electronic, plus new distributorless systems. Also tests spark timing with conventional ignition. Safe and easier than other methods. Needs to be earthed.



SPARK PLUG WIRE TESTER

PMD3018 | £4.20

Tests for the presence of spark without risk of shock and without damaging wires. Identifies badly fouled spark plugs. Includes hooded alligator clip, lead and inductive tester with LED.



MULTIMETER

PMA303 MULTIMETER - DIGITAL | £9.99

Pocket-sized meter tests five functions with 21 ranges including:- DC volts, Ohms, Diode, DC amps and AC volts. Offers 10 megohm input impedance overload protection and a 0.7% accuracy. Features 3.5 digit display, 44" (1.1m) leads with probes, 9 volt battery and complete instructions.



BATTERY BRUSH

Cleans battery terminals and posts. Internal and external wire brushes are built into special acid proof plastic case.

PM3115 | £5.95



CIRCUIT TESTER

PM21250/26000
6 & 12 VOLT PLUS
FINGER SAVER | £8.47

The new Circuit Tester is a vehicle wiring trouble-shooter that suits both 6 and 12 volt circuits. It also comes with something extra called 'Finger Saver', a patented Wire Piercing Guide that prevents injury to fingers.



COMPUTER MEMORY SAVER

Saves the memory of the on-board vehicle computer when the battery is disconnected. Plugs into cigarette lighter. Use with 9-volt alkaline battery (not included).



PM3002 | £7.62

INTERMITTENT SHORT INDICATOR AND SHORT CIRCUIT FINDER

PM25300 | £39.50

The number of complex wiring systems in modern vehicles is growing. Intermittent short circuits are becoming more common and are the most difficult shorts to locate. Use this device with AUDIO SIGNAL to indicate when intermittent short circuit occurs with vehicle at rest or on road test. After faulty system is indicated, use to find short location.



DC CURRENT INDICATOR

PM3014 | £8.18

Inductively measures alternator, generator and starter DC current for 6 volt, 12 volt and 24 volt systems. Includes scales of 400-0-400 and 75-0-75 DC amps. Features bracket on back to hang on wire and allow user to work 'hands-free'.





ECONOMY BATTERY TERMINAL PULLER

Essential when terminals are a tight fit or corroded, avoids damage to battery terminal posts. The tool is spring-loaded and features vinyl ends for a comfortable grip.

PMA330 | £6.80

REMOTE CONTROL STARTER SWITCH

PM24000 | £13.50

This heavy-duty switch controls any engine with the solenoid starter switch when making adjustments and repairs. Features large switch case, long leads with hooded clamps.



SPARK PLUG GAPPER

Ramp style gauge measures spark plug gaps from .020" to .100" (.50 to 2.5 mm). Hole in gauge works as electrode adjuster and can be used to fit on key chain.

PM3235 | £0.84

14 MM SPARK PLUG CYLINDER HEAD RE-THREADER KIT

PM2340 | £10.66

This kit can save the cost of a new head by repairing damaged threads on aluminum heads. Includes 3/4" hex drive tap and one each of four sizes of solid steel inserts to replace damaged threads.

- PM2342 14 mm Inserts 3/8" long (set of 2) | £2.55 Each
- PM2343 14 mm Inserts 7/16" long (set of 2) | £2.55 Each
- PM2344 14 mm Inserts 1/2" long (set of 2) | £2.55 Each
- PM2345 14 mm Inserts 3/4" long (set of 2) | £2.55 Each



FLUID TRANSFER TOOL

Much more resistance to automotive fluids than an ordinary turkey baster, this bulb type tool is useful for emptying brake master cylinder reservoirs during fluid service, adjusting the level of distilled water or electrolyte in batteries, cleaning out carburettor bowls etc. Large long-lasting rubber bulb and long, rigid plastic nozzles.



PM3150 | £3.25

9-WIRE SPARK PLUG GAUGE

PMD3238 | £1.80

If you don't want to damage the precious metal electrodes found on today's plugs, then this wire gauge is the best tool for setting spark plug gaps. New larger design with 9-wire sizes:- .025", .030", .035", .040", .044", .055" and .060 (metric equivalents included). The Gauge also includes an electrode adjuster.



SPARK PLUG SPANNER - T HANDLE

- PMA355 13/16" 20.64mm | £3.26
- PMA350 5/8" 15.875mm | £3.26



MEMORY SAVER EOBD11

This EOBDII memory saver holds the data codes from the vehicle's ECU when the car battery is disconnected.

Simply plug straight into the 180pin EOBD socket and attach the battery clips to a slave battery.

PMTC77065 | £21.68



SPARK PLUG HOLE THREAD CHASER

- PM2360 10mm-14mm | £4.75
- PM2361 14mm-18mm | £5.95

Removes carbon and corrosion and straightens damaged threads on spark plug holes. Use with 13/16" deep socket, open end or box spanner. Tapered for easy starting.



RIGHT ANGLE BRUSH

Can be used on battery terminals, or hard to reach corners etc. Handy for most cleaning applications.



PM099635 | £2.12

WIRE STRIPPER 5-IN-1

Superior to all other tools on the market, this 5-in-1 electrical tool cuts wire, crimps solderless terminals, strips 10 to 22 gauge wire, cuts bolts and works as pliers. Also features a 7-8 mm Auto Crimp. Constructed from heavy gauge alloy steel and featuring a thick plastic grip OAL 8" (200 mm).

PMA847 | £10.25



SPARK PLUG BOOT PULLER

A small but invaluable tool for every toolbox. This Puller removes spark plug boots quickly and easily without the danger of burning your hands on a hot manifold. It is made of heat-treated steel with a vinyl handgrip. OAL 3-1/2" (90mm).

PMD3050 | £1.78



SPARK PLUG CLEANER

PM18500 | £24.00

A useful tool which cleans all plugs incl. rotary engine plugs quickly and effortlessly with internally controlled abrasive blasting. All you need is ordinary airline pressure and the compressed air flows through a special venturi and mixes with the abrasive to thoroughly clean the spark plug, just like new.

A lever valve on the outside of the unit allows for blasting with an abrasive/air mix or pure air only. Silica free abrasive material is included with the unit. The cleaner is supplied complete with full and detailed instructions.

- Recommended airline pressure: 70-80 psi with a maximum of 90 psi.

PM18530 SILICA FREE ABRASIVE - 750 GRAMS | £3.68



WIRE AND CABLE TIE ASSORTMENT

PM26200 | £10.90



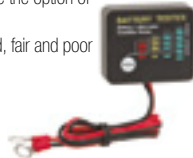
For product details see page 59

12 VOLT ONBOARD BATTERY AND ALTERNATOR LOAD TESTER

Check the condition of your battery and charging/alternator system with the push of a button.

- Ring terminals and a hook and loop backing give the option of permanent mounting
- Easy to read LED charge level indicators of good, fair and poor
- Weatherproof for additional safety and durability
- Fits standard 12V batteries with 18mm posts.

PMHF65928 | £7.98



UNIVERSAL ANTENNA WRENCH

Unique design allows service of six different antenna nuts on all vehicles. No need to buy expensive sockets. Hardened and plated for durability.

PMA572 | £5.71



RADIO REMOVAL TOOL KIT

PMD5400 | £28.99

Ideal for use on all European makes of cars and most others. There are 9 sets of specially shaped tools, which will service Blaupunkt, Becker, Grundig and more.



FAN BELT TIGHTENER

PMD2705 | £8.68

This is a simple Tool that makes belt tightening an easy one-man operation. It will work on most alternators and other belt driven units. The special curved design hooks around alternators to lock into position.

Use with a 1/2" drive tool.



JUMP LEADS

The economical high quality and practical jump leads are 30" (762mm) long, highly insulated and colour coded – one lead black and one lead red.



PMTA22900 | £4.00

SELF POWERED FLASHLIGHT

A hand winding powered LED torch with integral compass which makes it an ideal accessory for outdoor activities.



PM410249 | £6.84

THREE-IN-ONE ALTERNATOR GENERATOR STARTER CURRENT INDICATOR



Measures CHARGING RATE and STARTER CURRENT on one indicator. No need to purchase two separate tools. Induction type meter. Needs no hook up wires or cables. Hold meter over cable and read.

- The Indicator is calibrated as follows:-
- 75-0-75 amps - alternator - regulator
 - 600-0-600 amps - starter.

PM24600 | £14.90

HEAVY DUTY RUBBER TORCH



Requires 2 AA batteries.

PM285336 | £2.49

6 LED FLASHLIGHT

A slimline, plain satin finish aluminium torch.

- Super bright LED white light
- Weatherproof and shockproof.



PM410342 | £4.95

CIGAR LIGHTER DOUBLE ADAPTOR

PM660797 | £8.95

Designed for using 12Vdc accessories in the car.

- Converts lighter socket to dual 12V output sockets
- LED power ON indicator
- Protective socket caps
- Complete with fixing screws and adhesive pad.



CIGAR LIGHTER EXTENSION

PM660459 | £6.95



Cigar lighter DC extension lead cigar plug to cigar socket.

- LED indicator
- Fused (F5A, 6 x 32mm)
- Length 2.0m.

LIGHTED BUTTONHEAD BOLTS

12v LED BUTTONHEAD BOLTZ available in White, Red, Amber, Green and Purple. Can be used in many locations - cars, boats, motorcycles, etc. Bolts are 5/16" x 3/4", polished stainless steel, draw very little power and are sold in pairs.

TD030303	2pk White	£21.60
TD030308	2pk Purple	£21.60
TD030306	2pk Green	£21.60
TD030305	2pk Amber	£21.60
TD030304	2pk Red	£21.60



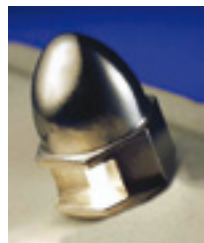
LITE'N-BOLTZ ACORN (LED)

TD030311 (2 PK - MIRROR FINISH) | £29.50

12v LED LITE'N BOLTZ are made from top grade stainless steel. They are easily installed and can be used anywhere an accent light is necessary. If you've removed your factory license plate light, this is a stylish way to stay legal.

MANY OTHER USES:- lights in your boat, RV, personal water craft, 4x4 or 18 wheeler, map lights, step illumination, engine compartment accent, dash board accent. Sold in pairs.

- Great for license plates
- Easy to install
- Use inside or outside vehicle.



LITE'N BOLTZ

12v LED LITE'N BOLTZ lighted bolts. Dimensions for thread:

SAE 9/16" x 18 and are 3/4" long. LITE'N BOLTZ can be used as number plate bolts with two lighted bolts and two standard bolts or as two lighted bolts. Applications include gauge lights, map lights, boat engine compartments, steps etc.

TD030310	2 POLISHED FINISH LITE'N BOLTZ	£25.60
TD030302	2 SATIN FINISH LITE'N BOLTZ	£23.93
TD030301	2 SATIN FINISH LITE'N BOLTZ + 2 S/S BOLTS	£27.78



12 LED HEADLIGHT

- Wide beam ultra bright, high intensity LED light
- 100,000 hours LED lifetime
- 4 modes of operation: 4 LED on, 8 LED on, 12 LED on and All LEDs flashing
- Water resistant.



PM410333 | £5.99

LED MAGNETIC CLIP-ON LIGHT 360 ROTATION



PMTC4069 | £5.35

LED MAGNETIC TOOL LIGHT



PMHF65228 | £7.80

60 PIECE AUTOMOTIVE GLASS FUSE SET

Complete assortment of auto fuses in the six most commonly used ranges.



- Includes 5, 10, 15, 20, 25 and 30 amp
- Fast acting to prevent damage to wiring
- Color coded and marked for amp rating
- Clear glass with chromed brass ends and aluminum inserts.

PMHF65032 | £9.99

XENON TIMING LIGHT

Bright xenon bulb makes it easier to see timing marks.



- Accurate at all speeds
- Clamp-on inductive pickup, 4 ft. leads
- Trigger activated
- Automatic reverse polarity and overload protection
- Durable construction.

PMHF3343 | £25.50

3 PC METRIC FLARE NUT SPANNER SET

PMA860 | £8.18

Forged from chrome vanadium alloy steel for maximum strength and durability. Sizes: 10 x 12 mm, 13 x 14 mm and 15 x 17 mm.



3 PC SAE FLARE NUT SPANNER SET

PMA850 | £8.18

Forged from chrome vanadium alloy steel for maximum strength and durability. Sizes: 3/8" x 7/16", 1/2" x 9/16" and 5/8" x 11/16".

DOUBLE FLARE TOOL SET



Double flares soft steel tubing up to .040 (1 mm) wall thickness. Single flares soft copper, aluminium and brass tubing. Includes hardened bar assembly with seven threaded dies – (1/2", 1/4", 4.75mm, 5mm, 6mm, 8mm and 10mm) – yoke with swivel tip and sliding T-bar and seven double flare adaptors (same sizes as dies). Set is packed in heavy blow-mould box and includes instructions.

PMA974 | £32.85

TUBE CUTTER - LARGE

Cuts steel, aluminium, plastic, brass or copper tubing from 1/8" to 1 1/8" (3 mm to 29 mm) O.D.



PM9176 | £12.30

TUBE CUTTER - MINI

Cuts aluminium, plastic, brass or copper tubing from 1/8" to 5/8" (3 mm to 16 mm) O.D. Ideal for use in close quarter work or confined spaces. Features hardened cutting wheel and adjustment knob to change working diameter.

PMA975 | £4.68



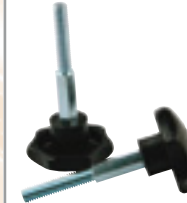
MULTI-GROOVE TUBE BENDER

Bends 3/16", 1/4", 5/16" and 3/8" (4.8, 6.4, 7.9 and 9.5 mm) diameter tubing without kinking or collapsing. Machined aluminium head is mounted to steel handle with vinyl grip. OAL 6 1/2" (160 mm).

PM9170 | £9.50



BRAKE DISC AND DRUM REMOVAL TOOLS



PM1440 | £ 5.20

This specially designed set of bolts easily removes drums and discs from most European and Japanese cars to enable machining or replacement as required. The tools feature strong comfortable plastic handles, and a 10 mm hex for use with a wrench, together with rolled threads for a long life. For fast and efficient removal of drums or discs this tool is a must.

HOSE PINCH SET

This pair of small and compact tools pinches off flexible fuel and vacuum lines up to 5/8" O.D. without damaging them. Also great for brake hydraulic systems.

PMA882 | £5.10



BRAKE BLEEDER WRENCH

This 8mm x 10mm Wrench fits almost all vehicles and loosens the bleeder screws to allow bleeding of air from brake cylinders. The offset style of the tool makes it easy to use.

PMDA145 | £3.10



ONE-MAN BRAKE BLEEDER

Service callipers, wheel cylinders and master cylinders. Includes fluid collection bottle, magnet (attaches bottle to car to allow any bubbles to rise), set of hoses and special tapered fittings.

PM1250 | £5.10



BRAKE BLEEDER REPAIR KIT

Save money by fitting these inexpensive brake bleeder screws instead of replacing the calliper or wheel cylinder when the bleed screw is frozen or broken. Use with a drill and a tap. Two sizes to fit all applications.



PMD1230 | 1/4", 5/16", 7mm and 8mm Screws | £2.50

PMD1235 | 3/8", 7/16" and 10mm Screws | £2.50

DISC BRAKE PAD SPREADER

Helps install pads on most vehicles by compressing inner pad and resetting calliper piston. Features all steel construction with large knob and fine thread driver for easy turning. Works in tight areas where a 'C' clamp won't.



PM1465 | £5.71

MITYVAC VACUUM PUMP - TUNE-UP & BRAKE BLEEDING KIT



Hand-held vacuum pump performs brake bleeding and many automotive testing procedures, such as vacuum gauges, diesel valves, power brakes, ignition timing, vacuum pumps, engine control systems, automatic transmissions, emission controls, A/C and heater controls, carburettor service and many more. Lightweight and easy to use.

PM7000 | £47.65

HOSE PINCH-OFF PLIERS

Clamps hoses and vacuum lines with special swivelling jaws that maintain a parallel clamp. Features built-in ratchet mechanism that locks handles in position.

PM8800 | £9.00



DISC BRAKE PISTON 'CUBE'

A must for re-lining most rear disc brakes. Rotates pistons back into brake callipers when replacing pads. Unique 'cube' design provides five drive pin configurations to fit most applications. Use with 3/8" drive tools.

PM1455 | £7.36



KOUL TOOL



The Koul Tool is the only tool to overcome the problem of installing braided hose into the socket part of the assembly. It is simple to use, virtually indestructible and will save time, money and fingers from the frayed ends of a braided hose. Suitable to meet the requirements of all the well-known fitting manufacturers, such as Aeroquip, Earls, Fragola, XRP and Goodridge. Koul Tool is available in two kits to fit both small and large braided hoses and comes complete with adaptors and full operating instructions.

PMKT468 | £68.00
PMKT1016 | £81.00

FLUID EXTRACTOR

At last a tool that can extract or transfer any fluid – motor oil, gear lubricant, coolant, water etc. neatly, powerfully and fast.

- Features a low-profile spherical design, with a 6-litre capacity with a handy pouring spout and 5mm hose to fit down dipstick tubes.
- Includes 82" long hose.



PMD7450 | £40.00

BRAKE PIPE CORROSION TOOL



This product is unique and allows the user to inspect brake pipes easily. It has two scraper areas which allows the mechanic to remove dirt and corrosion to examine the brake pipes efficiently.

PMTC3948 | £8.23

18 PIECE DISC BRAKE PAD & CALIPER SERVICE TOOL KIT



- For rotating pistons back into the caliper to provide clearance for new pads
- Prevents damage to the piston and boot
- Magnetic right and left side spindle adapters
- Designed for use with many vehicles, including GM, Audi, Austin, BMW, Ford, Honda, Jaguar, Mercedes Benz, Mitsubishi, Nissan, Rover, Toyota, VW, Mazda, Saab, Subaru, Renault, and Opel
- High carbon steel construction.

Includes 16 adapters, two T-handles, and blow mold storage case. Handle dimensions: 6-1/8" L x 4-1/64" W.

PMHF97143 | £64.00

BI-METAL THERMOMETER

Reads the temperature of air conditioning systems and radiators. 1" dial gauge reads from 0° to 220°F. Stainless steel stem is 5" (130 mm) long and comes complete with a plastic case and pocket clip.

PMA934 | £8.50



RADIATOR CAP PLIERS

The specially shaped pliers easily engage the radiator cap for quick and safe removal. It fits all standard radiator caps. The tool is made of solid steel and has vinyl grips for comfort and safety.

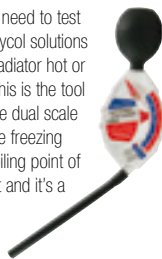
PMD7045 | £10.13



PROFESSIONAL ANTI-FREEZE & COOLANT TESTER

PMA195 | £3.60

If you ever need to test ethylene glycol solutions with your radiator hot or cold then this is the tool for you. The dual scale tests for the freezing point or boiling point of the coolant and it's a really cool price too!



HOSE CLAMP PLIERS

This new tool from Agriemach is essential for servicing hard-to-reach hose clamps. The shaft has a reach of over 2 ft (620 mm) and offers a clamping range of up to 2 1/2" (64 mm). The locking arm keeps the clamps locked in the open position, and also offers a quick-release. This tool will save hours of labour making a difficult task quick and simple.

PM8820 (FLEXIBLE) | £39.99



RADIATOR FIN STRAIGHTENER

PMHF37892 | £6.35



RADIATOR FLUSH KIT



PMDA190 | £4.92

An absolute must if you want to avoid engine-destroying overheating due to clogged radiator passages. The flush kit back-flushes the cooling system, fits in minutes and will work on most cars and trucks. If overheating persists use our Radiator Relief to increase the efficiency of the cooling system.

TD040200 | £9.60 for a 16 fl oz bottle.

RADIATOR PRESSURE TESTER KIT

This well priced kit will find cooling system external leaks caused by a blown head gasket, or a cracked block or head.

- For testing automotive pressurised cooling systems up to 30psi
- Includes eight radiator cap adaptors for servicing most vehicles
- Large volume pump capacity reduces strokes required to pressurise cooling system
- Connects using self-locking quick-disconnect components saving time
- Thumb operated relief valve for convenient pressure release.

PMHF65053 | £125.00



RADIATOR RELIEF™

TD040200 Radiator Relief 16 fl. oz. bottle | £9.60

NEW Radiator Relief™ supercharges your radiator by transferring heat more efficiently through the radiator. This proven coolant additive will reduce your operating temperature up to 17°C reducing engine wear that occurs during extreme use. NEW Radiator Relief™ is also formulated with a corrosion inhibitor that reduces mineral deposits. This is the first additive that maintains pH levels that otherwise fluctuate over time resulting in core damage. • 17°C lower operating temperature • 50% quicker warm up • No mixing required; just add to cooling system! • Compatible with water and all anti-freeze mixtures • Safe with all alloys • 100% Biodegradable, Non-Corrosive and Non-Toxic • For use in all water cooled engines. Simply the best coolant additive on the market today.



RADIATOR RELIEF™ DIESEL

TD040204 Radiator Relief™ for Diesels 16 fl. oz. bottle | £9.60

Radiator Relief™ for Diesels supercharges your radiator by transferring heat more efficiently through the radiator. This proven coolant additive will reduce your operating temperature up to 17°C degrees and reduce engine wear that occurs during extreme heat. NEW Radiator Relief™ for Diesels is also formulated with a corrosion inhibitor that reduces mineral deposits. This is the first additive that maintains pH levels that otherwise fluctuate over time resulting in core damage. • 17°C lower operating temperature • 50% quicker warm up • No mixing required; just add to cooling system! • Compatible with water and all anti-freeze mixtures • Safe with all alloys • 100% Biodegradable, Non-Corrosive and Non-Toxic • For use in all water cooled engines.



RADIATOR RELIEF™ FLUSH

TD040202 Radiator Relief Flush 16 fl. oz. bottle | £9.60

Radiator Relief™ Cooling System Flush is a concentrated cleansing agent that effectively removes rust and mineral deposits left behind in the radiator core and hose lines. This advanced treatment also dissolves oily residue build-up left behind in old anti-freeze and coolant mixtures due to external contaminants. Helps maintain optimum efficiency and recommended to be used with distilled water.



HEATER HOTTER™

TD040206 Heater Hotter Additive 16 fl. oz. bottle | £9.60

Heater Hotter™ formulated specifically to accelerate the transfer of heat from engine to cooling system in frigid climates that otherwise increase engine wear. Heater Hotter's™ unique formula allows your vehicle's heater to warm up 50% faster in even sub-zero temperatures and is safe to mix with all types of anti-freeze. Just simply add to your radiator.



CHILL CHARGER™

TD040208 Chill Charger Intercooler Additive 16 fl. oz. bottle | £9.60

Chill Charger™ for water-to-air intercoolers maximises thermal transfer to lower air intake temperatures while also protecting core corrosion, electrolysis and harmful mineral build up. By effectively transferring water that circulates through the intercooler Chill Charger™ reduces liquid heat soak in high performance turbo and supercharger systems.



AUTOMATIC TRANSMISSION & ENGINE OIL PRESSURE TESTER

Checks oil pressure in automatic transmissions and engines. Adaptors provide coverage of most models of cars and light trucks, including late models.

Supplied with two gauges – the large one for all applications and the small one for more accurate reading of engine oil pressure where maximum oil pressure does not exceed 50 p.s.i. (3.5 BAR). Includes 6 feet of oil proof hose and 10 assorted fittings.

Supplied in a durable plastic moulded storage case with carrying handle and ample space for additional adaptors and parts.

PM34580 | £71.60



AUTOMATIC TRANSMISSION & ENGINE OIL PRESSURE TESTER

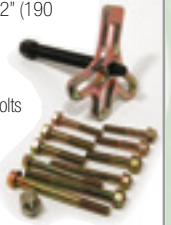
This well priced quality product is essential for checking oil pressure in engines and automatic transmissions for most cars and trucks. It features a 2-1/2" (65mm) dia. gauge with dual calibration (0-300 PSI/0-21 Kg/cm), 6 feet (1.8m) neoprene hose and a complete set of SAE and metric adaptor fittings.



PMD2001 | £31.20

HARMONIC BALANCER PULLER

Removes the harmonic balancer or pulley from the front of the crankshaft without damage. Four-slot, heavy-duty yoke. Extra-long 71/2" (190 mm) centre screw has built-in tip and can be used with flat and pointed adapter tips. Five sets of hardened, flange-head bolts included: M8 x 1.25 x 80 mm, M10 x 1.50 x 75 mm, 3/8" – 16 x 4", 3/8" – 24 x 2" and 5/16" – 18 x 2".



PMA815 | £11.48

CAMSHAFT BEARING TOOL

Removes and installs camshaft bearings on almost all automotive and truck engines. The kit includes drive bar with extension, nylon cone, 5 collet sets with two sets of rubber sleeves, expander assembly and washer. All packed in blow-moulded box with full instructions.

PM2029 | £164.41



4 PC 12-POINT WRENCH SET



Fits 12-point 'serrated' fasteners found on many makes of vehicles fitted to engine head bolts and oil pump retaining bolts.

PM9280 | £6.95

SPIDER TYPE ADJUSTABLE OIL FILTER WRENCHES

Three clamping legs are driven by a gear mechanism for maximum range and superior gripping. Range- 2 3/8" – 4 3/4" (61 mm – 121 mm). For all cars and light trucks.



PM2505 | £13.93

COMPRESSION TESTER (UNIVERSAL KIT)

PM2012 | £64.95

This kit will cover virtually every compression test from lawn mowers to trucks. It includes 8" (20 cm) flex hose with 14 mm and 18 mm threaded end, three long adaptors (10 mm, 12 mm and 14 mm), one straight extension plus offset and straight adaptors with tapered rubber cones, and standard gauge head with quick release valve and threaded end. The gauge head is 2 1/2" (64 mm) diameter with dual calibration. (0-300 psi/0-21 kg/cm).



IMPAC WRENCH KIT

Loosens rusted screws, nuts and bolts. Use with hammer to provide maximum torque action. Kit includes 3/8" square drive tool, hex bit adaptor and four hex bits 9/32" and 5/16" slotted Nos. 2 and 3 Phillips.

PM9311 | £25.52



MECHANIC'S STETHOSCOPE

Excellent technicians' aid providing a fast method of locating and identifying trouble in engines and other moving parts. Includes a 12 inch extension probe to reach all suspected trouble spots.

PM32000 | £15.99



ELECTRONIC STETHOSCOPE

Pinpoint engine and chassis noises for easier troubleshooting.

- Advanced design is more sensitive, covers a wider range of frequencies (100 Hz to 10 kHz)
- Volume control
- Padded ear phones
- 11" long reach probe plus 2" probe for tight spots.

Runs on 9V battery, included. Comes with carry case.

PMTA32100 | £77.00



FILTER WRENCH

Extra wide nylon band tightens as you turn. Offers wider range than any other wrench. Works on all filters up to 6" (152 mm).

PM2595
 FILTER WRENCH UP TO 6"
 £6.80



EXHAUST BACK PRESSURE TESTER

Test for clogged or obstructed catalytic converters and silencers. Fast and easy to use. Threads into oxygen sensor port. Kit includes 12mm and 18mm adaptors to fit most vehicles. Gauge measures 63mm dia. and has a dual scale: 15 p.s.i. and 1.00 Kg/Cm². Hose is 41 inches (1045mm) long. Packed in a vinyl pouch for safe tool-box storage. Supplied complete with instructions.



PM33600 | £37.53

ADJUSTABLE ENGINE CYLINDER HONES

PM2310 | £24.67

Essential for resurfacing cylinder walls on cars and trucks so that new rings will seat. Also eliminates minor cylinder wall imperfections. It adjusts to a wide range of diameters (2"-7") - (51 mm -178 mm) as well as tension settings so that the cutting action can be controlled. A flexible shaft is featured that will fit any variable speed drill. Replacement stones are available when required as follows:



- | | | |
|--------|-------------------------------------------------------------------|-------|
| PM2317 | Set of 3 stones with cotter pins 4" (102 mm) length - Coarse Grit | £9.95 |
| PM2315 | Set of 3 stones with cotter pins 4" (102 mm) length - Medium Grit | £9.95 |
| PM2316 | Set of 3 stones with cotter pins 4" (102 mm) length - Fine Grit | £9.95 |

UNIVERSAL CLUTCH ALIGNMENT TOOL

For fast easy alignment of clutch plates. Complete set offers both SAE and metric applications to service most cars and light trucks. Features all-steel construction and includes 8 1/2" (216 mm) centre shaft, tapered cone and eight bushing sizes.

PM6125 | £19.50



HARMONIC BALANCER INSTALLER



Installs harmonic balances or drive pulleys that are pressed in the camshaft. Includes the following adaptors for most makes: - 7/16" - 20, 1/2" - 20, 9/16" - 18, 5/8" - 18, 3/4" - 16, M12 x 1.5, M14 x 1.5 and M16 x 2.0.

PM2238 | £33.68

6PC VALVE TAPPET ADJ TOOL SET



Adjusts valve tappets on most makes and models of motorcycles, ATVs and ATCs. Includes (3) 12-point offset wrenches - 8, 9 and 10mm; and (3) knurled knob tools - 3 and 4mm square, plus slotted. Tools are heat-treated chrome vanadium steel.

PMD2218 | £32.43

PISTON GROOVE CLEANER

This useful tool removes carbon from ring grooves on pistons - 2"-5" diameter (51 mm-127 mm) diameter. Included are two cutter wheels with the following sizes: SAE - 1/16", 5/16", 3/32", 1/8", 5/32", 3/16" and 1/4". Metric - 2.00mm, 2.50mm, 3.00mm, 4.00mm and 4.50mm.

PM2035 | £15.50



TAIL PIPE EXPANDERS

These heavy duty tools made from steel, flare and expand exhaust pipes. They feature an extra long hex bar for turning.

PMHF37352 SMALL | £16.00

Works with all 1-1/8" to 1-3/4" thin wall pipes

PM2622 MEDIUM | £27.25

Suitable for diameters from 1 1/2" to 2 1/2"

PM2624 LARGE | £33.30

Suitable for pipes from 2" to 3 7/16"



TAILPIPE CUTTER

Easily cuts through pipes by exerting gripping pressure. Cutting chain wraps around pipe and a micrometer-type knurled handle is turned to apply pressure. Features 14 carbide-cutting wheels with spacers for superior tracking. For pipes from 3/4" to 3" (19 mm - 76 mm).

PM2631 | £37.78



PISTON RING COMPRESSOR

Ideal for all passenger cars, featuring a ratchet mechanism with square drive tool to adjust diameter and enlarged crimped edge to prevent compressor from entering cylinder.

Depth: 3 1/2" (89 mm)

Range: 2 1/8" to 5" (54 to 127 mm).

PM2025 | £8.84



PISTON RING INSTALLER

Installs and removes piston rings without breakage. Adjustable from 2 1/2" to 6 1/4" (64 to 159 mm). Includes special locking mechanism to hold pliers in set position.

PM2028 | £3.99



TOP DEAD CENTRE INDICATOR



This clever little device whistles as the piston approaches top dead centre (TDC) on the compression stroke and stops whistling when the piston reaches TDC. It eliminates the guesswork involved when diagnosing jumped timing belts and timing chains. Assists in valve adjustments and installation of distributors, timing belts and timing chains. 2-in-1 fitting threads into all 14 mm and 18 mm spark plug ports. The tool is not for use on diesel engines. Comes complete with full instructions. Overall length is 27" (686 mm).

PM33650 | £27.99

UNIVERSAL COMPRESSION TESTER

Tests compression on all cars and most trucks. Adaptors fit vehicles with 14mm and 18mm plugs including long reach and 5/8" hex plugs. Flexible hose eliminates need to remove auxiliary equipment such as power brakes and steering or air conditioning and manifolds. Screw in adaptors guarantee accuracy over push-in type testers. Quick side release valve permits re-test without removal of adaptors. Gauge range 0-300 p.s.i. and 0-21 BAR.



Supplied in a durable storage pouch for safekeeping.

PM34000 FOR PETROL ENGINES | £48.00

UNIVERSAL TIE ROD END TOOL

Pulls tie rod ends with a straight firm pull without hammering or prying. Offers 2 1/2" spread and 21/4" reach, servicing all tie rods, as well as many gears and pulleys.

PM4011
£49.30



SEAL INSTALLER AND EXTRACTOR

The "Chinese-Finger" is designed to extract and install a new wick type seal without removing the engine or crankshaft. The kit includes a Wick Seal Remover and a Chinese-Finger Wire Mesh Installer.

PMD2240 | £10.99



VALVE SPRING COMPRESSOR



Lightweight compressor is an effective and affordable tool. Features automatic locking ratchet design and includes two sets of adjustable jaws. Can be used with one hand. 9" (230 mm) opening and 9" (230 mm) depth will handle most cars and light trucks. Includes two sets of adjustable jaws. Replacement jaws available.

PM2232 | £32.03

VALVE SPRING COMPRESSOR

Designed for use with the cylinder head still on the engine and in the car, or with the cylinder head removed. Base of tool bolts to the head while the lever pivots from the base to compress the spring. Removal and installation of spring retaining keepers is made through the openings on both sides of the compression tube. Complete with the purpose moulded toolbox.

Suitable for most car engines.

PM2235 | £69.86



OVERHEAD VALVE TOOL

Can be used instead of other types of valve spring compressors. It removes and replaces valve keepers on all petrol and diesel overhead valve engines, incl. motorcycle, marine and aircraft engines. The most compact and versatile tool of its type on the market.



PM2211 | £27.38

FLYWHEEL TURNER

Designed to engage flywheel teeth and provide leverage to rotate crankshaft to desired position. Use when removing clutch or torque converter bolts. A necessary aid when installing compression rings or working on transmissions and clutches.

PM31900 | £26.93



FEELER GAUGE

PMA309
16 BLADE OFFSET | £5.10

High quality offset blades for use in hard to reach places such as tappets, points etc.



FEELER GAUGE

PMA307
22 BLADE
GO-NO-GO | £10.20

High quality 3" (76 mm) stepground blades allow for precise measurements on clearance from .004" to .027" (.10 to .69 mm).



FEELER GAUGE

PMA318
33 BLADE STANDARD
£6.95

32 high quality straight blades .0015" to .035" and one brass blade .010".



14 MM SPARK PLUG CYLINDER HEAD RE-THREADER KIT



PM2340 | £10.66

This kit can save the cost of a new head by repairing damaged threads on aluminum heads. Includes 3/4" hex drive tap and one each of four sizes of solid steel inserts to replace damaged threads.

PM2342 14 mm Inserts 3/8" long (set of 2) | £2.55
PM2343 14 mm Inserts 7/16" long (set of 2) | £2.55
PM2344 14 mm Inserts 1/2" long (set of 2) | £2.55
PM2345 14 mm Inserts 3/4" long (set of 2) | £2.55

SPARK PLUG SPANNER T HANDLE

PMA355 13/16" | £3.26
PMA350 5/8" | £3.26

The T-handle with swivel socket removes and installs spark plugs even in the tightest areas. Comes with a vinyl handle for comfort and grip.



REMOTE CONTROL STARTER SWITCH

This heavy-duty switch controls any engine with the solenoid starter switch when making adjustments and repairs. Features large switch case, long leads with hooded clamps.



PM24000
13.50

PLASTIGAGE

PM2450 | £5.95

An inexpensive way to measure clearances of engine rods and main bearings without the need of a micrometer. Comes in a set of two sizes: .001-.003 and .002-.006/.025-.08 mm and .05-.15 mm which covers all auto engines.



FLUID TRANSFER TOOL

Ideal for transferring or siphoning fluids on machines, cars, boats etc.



PMTC3719 | £6.50

BEAM TYPE TORQUE WRENCH

This is an easy to use and low cost wrench which measures from 0-140 ft lbs (0-20 metre kilograms). It has a 1/2" square drive and is ideal for both DIY and workshop use.



PMA899 | £11.50

18" LONG-NECK FUNNEL

Straight long-neck design for hard-to-reach places.

- 5" diameter mouth
- Durable PVC construction
- Lightweight - just 0.35 lbs.



PMHF90468 | £4.15

SPARK PLUG HOLE THREAD CHASER

PM2360 10mm-14mm | £4.75
PM2361 14mm-18mm | £5.95

Removes carbon and corrosion and straightens damaged threads on spark plug holes. Use with 13/16" deep socket, open end or box spanner. Tapered for easy starting.



SPIN-A-RATCHET

Use these fingertip spinners to pre-tighten or loosen nuts and bolts until ratchet is engaged. Push into socket, spin to tighten position, put on ratchet and finish the job. Cut labour time in ratcheting work. Available in set of 1/4", 3/8" and 1/2".



PM13400 | £22.50



GASKETSCRAPER

All purpose scraper for removing shellacked gaskets, paint, grease and carbon. Forged alloy steel blade with sharp chisel edge can be re-sharpened. Heavy duty moulded plastic hand OAL: 10" (250 mm).

PM2080 | £5.10

SEAL PULLER

Ideal for removing oil and grease seals on cars and trucks. Manufactured from hardened steel, the head is two sided and features a heavy duty shaft with a large 'comfort grip' handle. OAL 12" (31 cm).

PM2245 | £8.50



SNAP RING PLIERS

Serves internal rings from 3/8" to 2" (10mm to 48mm) and external rings from 1/4" to 2" (7mm to 48mm). Thick molded plastic handles. Includes 4 tip sizes: .036"(90mm), .047" (1.2mm), .07"(1.8mm) Straight, plus .036" (0.9mm), .047" (1.2mm) bent 90°. OAL 7 1/2" (190mm).

PM8850 | £20.00



INSPECTION MIRROR

PM021120 | £2.54

Circular telescopic mirror with pocket clip, for fast accurate visual inspection of hidden areas. Features 'all angles' double ball joint that links mirror to the handle for 360° viewing but holds in position firmly.



FLUID EXTRACTOR

At last a tool that can extract or transfer any fluid – motor oil, gear lubricant, coolant, water etc. neatly, powerfully and fast.

- Features a low-profile spherical design, with a 6-litre capacity with a handy pouring spout and 5mm hose to fit down dipstick tubes
- Includes 82" long hose.

PMD7450 | £40.00



SPIRAL SCREW EXTRACTOR SET

Finest extractors for the removal of broken studs, set screws and pipe fittings. Made in the U.S.A. of chrome vanadium steel. The drill sizes are 5/64", 7/64", 5/32", 7/32", and 17/64" covering every eventuality.

PM9040 (5 pcs)
£7.36



PARTS CLEANING BRUSH

Excellent brush for cleaning engine and parts. Bristles and handle are made of durable polypropylene. Dia. 1" (25 mm) Bristle length: 2 3/4" (70 mm).

PM099620 | £2.54



HOSE PINCH SET

This pair of small and compact tools pinches off flexible fuel and vacuum lines up to 5/8" O.D. without damaging them. Also great for brake hydraulic systems.

PMA882 (2 Pcs) | £5.10



TURBO GUARD



Turbo Guard eliminates turbocharger failure through oil starvation both at start-up and shutdown, which is the main cause of turbocharger failures. Turbo Guard is reliable, automatic and maintenance free. It will pay for itself over and over again - plus cut down frustrating delays and lost time - by eliminating damage and expensive breakdowns caused by oil starvation.

N8800 | £110.00

WORKSHOP WING COVER

Magnetic cover protects the paintwork on the wing whilst working in the engine compartment.

PMTC3008 | £8.50



KOUL TOOL

PMKT468 | £68.00
PMKT1016 | £81.00



For full product details see page 29.

TRANSMISSION STOP-OFF TOOL

Use this tool to plug the transmission shaft opening when removing the drive shaft, repairing U-joints or working on the transmission. It eliminates the need to drain transmission fluid, reducing fluid waste on most rear-wheel drive vehicles.

- Useful for do-it-yourself and professional auto mechanics
- Fits most domestic rear-wheel drive cars.

PM-HF98060 | £6.50



2PC VALVE LAPPING TOOL SET

This economical set of the two most popular sizes of lapping tools will service most automotive applications. They feature beaded wooden dowels for non-slip use and synthetic rubber vacuum cups.

PM2119 | £3.45



VALVE GRINDING & LAPPING COMPOUND

"Duplex" can include two oz. (56.7g) of course grit compound (for roughing) and two oz. (56.7g) of fine grit compound (for finishing). Ideal for seating valves, mating gears, lapping injectors and honing knives and cutters.

PMD2219 | £3.45



HYDRAULIC VALVE TAPPET REMOVER

This handy tool is a must for removing lifters that are baked or stuck. It can be used without having to remove the manifold and features extra strong heat-treated teeth to hook under the groove. OAL 13" (335mm).



PMD2210 | £6.50

100PC SPECIALITY BIT SET

This is the most comprehensive bit set you'll find, and covers every eventuality you may come across. It includes 95 different bits, 2 Bit Holders, 2 Extensions and 1 Wing Nut Driver, all packed in a blowmould case. The Bits are manufactured from the highest quality industrial tool steel and the Bit types include, Clutch Torque Set, Triple Square, Tri-Wing, Square Recess, Spanner, Slotted, Phillips, Pozi-Drive, Metric Hex, Fractional Hex Tamperproof, Torx and Torx Tamperproof.

PMD9675 | £15.00



SQUARE DRAIN PLUG WRENCH – 8 & 10 MM

PMD2577 | £8.68

This S-type wrench allows the mechanic to access hard-to-reach areas, such as Transfer Cases, Engine Oil Pans, Manual Transmissions and Differential Drain and Fill Plugs found on many makes of vehicles.



MULTI PORT INJECTION PRESSURE TESTER

This kit can test the fuel pressure on virtually all makes and models of petrol engine vehicles equipped with multi-port fuel injection. It can also test throttle body injection systems as well. The package is supplied with adaptors, gauge and hoses which also makes it suitable for use on older vehicles. Packed together with full user instructions in a durable plastic moulded storage case with carrying handle, with ample space for additional adaptors and parts.

PMTA36250 | £115.00



DRAIN PLUG KEY SET 5PC

This Drain Plug Key Set includes most sizes for BMW, Citroen, Ford, Honda, Lancia, Mazda, Mercedes, Nissan, Peugeot, Renault, Saab and Volkswagen. Sizes include 14/17mm Hex, 10/12mm Hex, 9mm/5/16" Hex, 8/13mm Square and 3/8"/11mm Square.

PMTC1580 | £7.55



AIR HOLDER FITTING SET

PMD2110 | £3.22

This inexpensive tool enables fast overhead valve repairs without removing the cylinder head. Two sizes will fit 14mm and 18mm spark plug holes. The fittings are threaded to accept a 1/4" air hose coupling.



FAN BELT TIGHTENER

PMD2705 | £8.68

This is a simple Tool that makes belt tightening an easy one-man operation. It will work on most alternators and other belt driven units. The special curved design hooks around alternators to lock into position. Use with a 1/2" drive tool.



CRANK STOPPER

PMD2105 | £8.68

The 14 mm threaded bolt, bolts into the spark plug port to lock the engine in place to allow for the removal and installation of timing chains, timing belts or harmonic balancer pulleys. The soft brass end protects the piston from any damage.



48PC PROFESSIONAL LOW-PROFILE BIT SET

This set cleverly uses offset stubby combination wrench, plus two special 5/16" and 1/4" hex adaptors and 3/4" (19 mm) long bits. This patented set will allow access into the tightest areas and the 44 bits include 9 Torx, 12 SAE Hex, 9 Metric Hex, 4 Triple Square, 5 Slotted and 5 Phillips. With 1/2" Hex Drive Adaptors to fit the Reversible Ratchet and Open End Wrench. All packed in a blow-mould box.

PMD9700 | £45.00



RADIATOR CAP PLIERS

The specially shaped pliers easily engage the radiator cap for quick and safe removal. It fits all standard radiator caps. The tool is made of solid steel and has vinyl grips for comfort and safety.

PMD7045 | £10.13



SERPENTINE BELT TOOL KIT

The kit releases the tension on belts with spring-loaded idler pulleys. The extra long handle 23" (59mm) reaches where ratchet-type and standard tools won't. Extension bars create multiple working angles. This kit includes the following sockets and wrenches:- 13, 14, 15, 16 and 18 mm – 6 Point Sockets 13, 14, 15 mm – Crows Foot Wrenches 3/8" and 1/2" Male Square Sockets.

PMD2700 | £43.50



BI-METAL THERMOMETER

PM934 | £8.50

For full product details see page 30.



RADIATOR FLUSH KIT

PM910 | £4.92

For full product details see page 30.



HOSE CLAMP PLIERS (FLEXIBLE)

PM820
£39.99



For full product details see page 30.

STEERING WHEEL HOLDER & PEDAL DEPRESSOR

An innovative and labour saving tool eliminating the need for two technicians to do one job. It holds the steering wheel securely when working on toe in/toe out work or when centering the steering wheel.



As a pedal depressor it has even more uses including for tune-ups, brake jobs, fuel injection cleaning, alternator testing, clutch work, engine diagnoses, setting of the RPM, air conditioning work and more. The tool is easy to assemble and install. Fine adjustments are no problem. Fits all cars and trucks it is a must for all garages and D.I.Y'ers alike.

Packed in a plastic case the tool is coated so as to prevent slipping or marking and comes complete with full instructions. See illustrations below.

PM66400 | £27.50



MAGNETIC PARTS DISH

Powerful magnets hold the dish and contents in any position – even upside down!! Soft, resilient base protects painted surfaces from being scratched. Stainless steel dish measures 1-1/8" (28 mm) deep by 6" (152 mm) across.

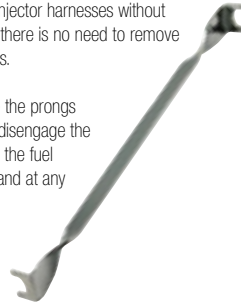
PM14400
£7.97



FUEL INJECTOR HARNESS DISCONNECTOR TOOL

This tool quickly removes and installs fuel injector harnesses without damaging the connectors. It saves time as there is no need to remove engine components to test the fuel injectors.

It is easy to use, all you have to do is place the prongs around the injector harness and pull up to disengage the retaining clip. The tool is designed to reach the fuel injector harnesses in hard-to-reach areas, and at any angle. It works on all fuel injectors.



PM37550 | £7.45

FUEL/AIR-CON/HEATER DISCONNECT TOOL 8PC



For separating fittings on fuel and cooler lines. Offset design allows for better access in confined or obstructed areas. One handed operation. Presented in anodised aluminium in a blow mould tray labelled with AF and Metric sizes. Sizes: 1/2"/13mm, 5/8"/16mm, 3/4"/19mm, 7/8"/22mm, 5/16"/8mm, 3/8"/9.5mm.

PMTC4254 | £52.68

ENGINE CHAIN HOIST

28" (710 mm) long, heavy-duty chain assembly, helps lift engines and heavy parts up to 1000 pounds (455 Kg). Manufactured from heat-treated alloy steel, the centre ring is 3/8" (9.5 mm) O.D. and the links are 1/4" (6.4 mm) O.D. and sling ends are 1/4" (6.4 mm) thick.



PM8990 | £28.25

FILTERMAG - A REVOLUTIONARY DEVELOPMENT IN OIL FILTRATION TECHNOLOGY

FilterMAG specifically catches and holds steel particles, down to two microns, which an engine sheds continuously and which a normal oil filter cannot catch as most standard filters only hold particles down to 25 microns. Particles smaller than 25 microns pass through the filter element and many of these are hardened steel which cause most of the damage to the engine.

FilterMAG is the simplest and one of the most effective ways to prolong oil and engine life. It consists of a series of extremely powerful neodymium magnets housed in a durable long lasting and slightly flexible housing that snaps onto the outer casing of the filter element. The flow of oil continues normally and is not affected in any way by the magnets that remove and hold the sharp steel particles against the side of the filter canister for the entire time that the filter element is in use. Once removed the FilterMAG is taken off the used element and installed on the new one.

Independent tests have shown the effectiveness of FilterMAG in reducing wear by controlling and limiting steel particulate proliferation to such low levels that the wear is virtually immeasurable. Other magnetic products such as magnetic drain plugs do not have the force needed to hold particles in the oil flow. Any debris captured by these products collected after the engines stops, are just re-circulated once the engine starts up again.

FMSS250	(63-70 MM)	£20.00
FMSS300	(70-87 MM)	£22.00
FMSS365	(87-99 MM)	£24.00
FMRA300	(70-87 MM)	£45.00
FMRA365	(86-108 MM)	£60.00
FMRA450	(108-140 MM)	£68.80
FMTM180	(7.5 X 5 CMS/THICKNESS: 11 MM)	£21.80
FMTM360	(8.3 X 7.5 CMS/THICKNESS: 11 MM)	£39.24



DIESEL INJECTOR PULLER

Diesel Injector Puller with M8/M12/M14 adaptors. Assists removal of stubborn Bosch and Lucas diesel injectors. Presented in blow moulded case for handy storage. Saves time and money when injectors are difficult to remove.



PMTc4044 | £40.00

FUEL INJECTION SEALS AND AIR CONDITIONING KIT

Easily repair air conditioning systems or fuel injectors with this one simple kit.

- Contains brass Schrader valve cores, black rubber O-ring and seals, and a valve tool
- Valve tool fits R134a (1/4" diameter) and R12 (0.175" diameter) valves
- Valve tool small end also fits vehicle and bicycle tire valves.



Contents: (12) Schrader valve cores with red vinyl seals, (12) black rubber O-rings, (4) black rubber seals and (1) valve tool. Valve tool dimensions: 2-15/16" L x 3/8" diameter.

PMHF66896 | £7.80

OIL DRAINER 10L

For collecting and storing waste oil. A handy design which enables the waste oil to be disposed of without transferring it to other containers.



PMTc4420 | £7.50

CHAIN BREAKER

Essential tool for use on 420, 428, 520, 525 and 530 chain. First bolt locks chain in place while second bolt turns to drive pin completely through the link. Folding handle for easy storage.



PMD8480
£18.20

3 PC METRIC FLARE NUT SPANNER SET

Forged from chrome vanadium alloy steel for maximum strength and durability. Sizes: 10 x 12 mm, 13 x 14 mm and 15 x 17 mm.

PMA860 | £8.18

3 PC SAE FLARE NUT SPANNER SET

Forged from chrome vanadium alloy steel for maximum strength and durability. Sizes: 3/8" x 7/16", 1/2" x 9/16" and 5/8" x 11/16".

PMA850 | £8.18



MECHANIC'S STETHOSCOPE

Excellent technicians' aid providing a fast method of locating and identifying trouble in engines and other moving parts. Includes a 12 inch extension probe to reach all suspected trouble spots.

PM32000 | £15.99



UNIBIT DRILL

This famous UNIBIT drill is an excellent aid for auto body and general automotive work. Drills through metal and plastic and has 13 hole sizes in 1/32" increments from 1/8" to 1/2". The initial 1/8" step starts holes through solid material. Each step drills up to 1/8" thickness. Made of high-speed steel. Non-slip, 1/4" shank fits all drills.

PM15000
£24.88



ELECTRONIC STETHOSCOPE

Pinpoint engine and chassis noises for easier troubleshooting.

- Advanced design is more sensitive, covers a wider range of frequencies (100 Hz to 10 KHz)
- Volume control
- Padded ear phones
- 11" long reach probe plus 2" probe for tight spots.

Runs on 9V battery, included. Comes with carry case.

PMTA32100 | £77.00



HOSE PINCH-OFF PLIERS

Clamps hoses and vacuum lines with special swivelling jaws that maintain a parallel clamp. Features built-in ratchet mechanism that locks handles in position.

PM8800 | £9.00



STAR DRIVER WRENCH SET



Sizes: T10, T15, T20, T25, T27, T30, T40, T45 and T50

PMA959 | £5.14

HEX BIT SETS - METRIC & S.A.E.

Bits packed in vinyl rails. Includes 2 square drive bit adapters.

PM8400

SAE Sizes: 3/32", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" | £13.93

PM8450

METRIC: 2, 2.5, 3, 4, 5, 6, 7, 8, 20mm

£13.93



IMPAC WRENCH KIT

Loosens rusted screws, nuts and bolts. Use with hammer to provide maximum torque action. Kit includes 3/8" square drive tool, hex bit adaptor and four hex bits - 9/32" and 5/16" slotted Nos. 2 and 3 Phillips.

PM9311 | £25.52



4 PC 12-POINT WRENCH SET



Fits 12-point 'serrated' fasteners found on many makes of vehicles fitted to engine head bolts and oil pump retaining bolts.

PM9280 | £6.95

TUBE CUTTER - LARGE

Cuts steel, aluminium, plastic, brass or copper tubing from 1/8" to 1 1/8" (3 mm to 29 mm) O.D. Features large adjustment knob and two hardened cutting wheels (one stored in body of tool). Reamer is also built into tool.

PM9176
£12.30



TUBE CUTTER - MINI

Cuts aluminium, plastic, brass or copper tubing from 1/8" to 5/8" (3 mm to 16 mm) O.D. Ideal for use in close quarter work or confined spaces. Features hardened cutting wheel and adjustment knob to change working diameter.

PMA975 | £4.68



DOUBLE FLARE TOOL SET

PMA974 | £32.85

Double flares soft steel tubing up to .040 (1 mm) wall thickness. Single flares soft copper, aluminium and brass tubing. Includes hardened bar assembly with seven threaded dies - (1/2", 1/4", 4.75mm, 5mm, 6mm, 8mm and 10mm) - yoke with swivel tip and sliding T-bar and seven double flare adaptors (same sizes as dies). Set is packed in heavy blow-mould box and includes instructions.



MULTI-GROOVE TUBE BENDER

Bends 3/16", 1/4", 5/16" and 3/8" (4.8, 6.4, 7.9 and 9.5 mm) diameter tubing without kinking or collapsing. Machined aluminum head is mounted to steel handle with vinyl grip. OAL 61/2" (160 mm).

PM9170 | £7.36



UNIVERSAL BEARING PACKER

Servises all automotive bearings by placing the bearing between the plastic cones. Tighten and force the grease through the fitting on the end of the shaft.

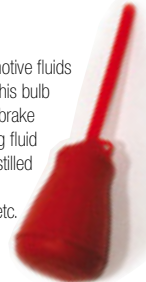
PMA299 | £5.70



FLUID TRANSFER TOOL

PM3150 | £3.25

Much more resistance to automotive fluids than an ordinary turkey baster, this bulb type tool is useful for emptying brake master cylinder reservoirs during fluid service, adjusting the level of distilled water or electrolyte in batteries, cleaning out carburettor bowls etc. Large long-lasting rubber bulb and long, rigid plastic nozzles.



WIRE STRIPPER 5-IN-1

Superior to all other tools on the market, this 5-in-1 electrical tool cuts wire, crimps solderless terminals, strips 10 to 22 gauge wire, cuts bolts and works as pliers. Also features a 7-8 mm Auto Crimp. Constructed from heavy gauge alloy steel and featuring a thick plastic grip OAL 8" (200 mm).

PMA847 | £10.25



6PC PRECISION SCREWDRIVER

Ideal for precision work, hobbyists etc. Includes four slotted and two Phillips sizes, packed in a strong plastic case.



PM726 | £3.40

31PC SMALL TOOL KIT

Compact 31-piece tool kit in a plastic, folding case.



PM710293 | £5.10

SCREWDRIVER 2 PC OFF-SET

The offset design allows you to work in tight spaces where a conventional screwdriver cannot. The two sided drivers offer four popular sizes: T10, T15, T20 and T30.

PM727 | £1.99



20" CHAIN WRENCH

Powerful wrench grabs and turns objects of almost any shape. Features a 19" (480 mm) handle with knurled grip and 20" (510 mm) heavy-duty chain. A must for every toolbox.

PMA885
£46.00



BEAM TYPE TORQUE WRENCH

This is an easy to use and low cost wrench which measures from 0-140 ft lbs (0-20 metre kilograms). It has a 1/2" square drive and is ideal for both DIY and workshop use.

PM899 | £9.50



29-PIECE COMPACT TOOL SET

A comprehensive selection of screwdrivers and wrenches, supplied in a plastic presentation case. Includes:

- A precision brass handled flatblade screwdriver
- An easy grip reversible screwdriver/wrench handle with bit storage
- 10 x assorted screwdriver bits (3 flat, 3 crosspoint, 3 allen bits and mini socket adaptor)
- 7 x allen keys (1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0mm)
- 10 mini sockets (5.0, 6.0, 7.0, 8.0, 9.0, 10, 11, 12, 13mm and adaptor).



PM710393 | £4.95

BI-METAL THERMOMETER

Reads the temperature of air conditioning systems and radiators. 1" dial gauge reads from 0° to 220°F. Stainless steel stem is 5" (130 mm) long and comes complete with a plastic case and pocket clip.

PMA934 | £8.50



DOUBLE POINTED SCRIBER

Includes straight and 90° points for marking in awkward places. Heat treated, bright polished, high carbon needle steel points. Knurled aluminium handle gives a sure grip. OAL 8 1/2" (220 mm).

PM099600 | £4.25



UTILITY HOOKS & PICKS

Set of 4. Ideal for removing seals, 'O' rings etc.
1x straight
1x complex
1x 90°
1x hook.

PM9910 | £5.95



INSPECTION MIRROR

Circular telescopic mirror with pocket clip, for fast accurate visual inspection of hidden areas. Features 'all angles' double ball joint that links mirror to the handle for 360° viewing but holds in position firmly.

PM021120 | £2.54



C CLAMP - 1" (25mm) / 2"(50mm)

PM099660 1" | £2.54
PM099665 2" | £3.06

Great for working in tight quarters. Features heavy-duty construction for all clamping jobs. Steel screw with swive tip and sliding cross-pin handle.



C CLAMP - 4" (102mm) / 6"(152mm)

PM8114 4" | £4.08
PM8116 6" | £5.71

Great for working in tight quarters. Features heavy-duty construction for all clamping jobs. Steel screw with swivel tip and sliding cross-pin handle.



MAGNIFIER TWEEZERS

Ideal for delicate work not only for automotive use but also for hobby and crafts, fishing, small electronic work, computers, needlework and much more. All metal handle is 3 3/4" (95 mm) long and magnifying glass is 7/8" (22 mm) dia.

PM098350 | £2.54



FLEXIBLE MECHANICAL FINGER

Tightly wound steel spring shaft reaches into awkward places to retrieve tools, parts, nuts, bolts, papers etc. Plunger on top is pressed to expand four steel claws at the bottom. Release plunger to clamp jaws on object. OAL: 231/2" (600 mm).

PM9435 | £8.50



MAGNETIC PICK-UP TOOL

Retrieves hard to reach metal objects such as keys, screws, nuts, nails, washers, bolts, small tools and more. Carry it in your shirt pocket like a pen. Can also be used as a pointer.

PM098300 | £2.54



MAGNETIC PICKUP TOOL WITH BENDABLE SHAFT

Comes with a bendable shaft that holds its position and can pick up to 2 lbs (.90 kg) at 18" (450 mm) or 1 1/2 lbs (.68 kg) at 21" (540 mm). This tool is invaluable for picking up metallic objects such as tools, parts, nuts and bolts where fingers or other pickup tools cannot reach.

PM9439 | £9.35



THREAD RESTORING FILES

Restores damaged threads on bolts and shafts. Ideal for capture threads and threaded components where cost of replacement or lack of availability makes this an essential tool.

SAE PM8233 | £9.01
METRIC PM8231 | £9.01



NUT SPLITTER

Splits rusted or seized nuts up to 3/4" (19 mm). The off-set design of the Nut Splitter improves accessibility which is made from forged steel and incorporates a swivel head for firm location of nut. Use with 3/4" hex drive tool.

PM9015 | £8.94



PORTABLE WORK-BENCH

Folds up for easy storage and has a weight carrying capacity of 227 kg.

PM85800 | £51.81



CHAMOIS DEMISTER PAD/SPONGE

Polyurethane sponge wrapped in genuine leather chamois wipes away moisture on windows without leaving streaks.

- Use on any surface for a lint-free shine
- Dries quickly
- Stores away easily in your vehicle.



PMHF97776 | £4.50

PRO TOUCH MICRO PAINT BRUSH PK25

Place or remove the smallest drops of paint, cleaners or lubricants with ProTouch's small non-linting, nonabsorbing fibres. The handle bends to any angle. Clean paint gun nozzles and air passages without risk of damage to gun parts.

PM9437 | £5.90



SPIRAL SCREW EXTRACTOR SET (5 PCS)

Finest extractors for the removal of broken studs, set screws and pipe fittings. Made in the U.S.A. of chrome vanadium steel. The drill sizes are 5/64", 7/64", 5/32", 7/32", and 17/64" covering every eventuality.



PM9040 | £7.36

MAGNETISER/DE-MAGNETISER

This handy little gadget is ideal if you wish to magnetise or demagnetise small tools such as screwdrivers. To magnetise just pull through centre hole and to de-magnetise run tool over the outside groove.

PM099320 | £3.91



PRECISION OILER

For use on precision parts, power tools, model air planes/cars, hinges, sewing machines etc.

PMTc3401 | £5.70



PISTOL TYPE OILER

A professional oil can suitable for all liquid dispensing applications. The body and pump are 100% steel for extra strength and superior performance, complete with flexible spout.

PMA793 | £3.81



STUD EXTRACTOR 1/2"D

Impact stud extractor, fully adjustable and can be used with air tools or standard hand tools on 6-12mm studs. Will effectively work on threaded, broken, rusted, stripped or smooth studs.

PMTc3986 | £13.21



RIGHT ANGLE BRUSH

Can be used on battery terminals, or hard to reach corners etc. Handy for most cleaning applications.

PM099635 | £2.12



PARTS CLEANING BRUSH

Excellent brush for cleaning engine and parts. Bristles and handle are made of durable polypropylene. Dia. 1" (25 mm) Bristle length: 2 3/4" (70 mm).

PM099620 | £2.54



WHEEL STEP

- Use these portable "steps" to access hard to reach places like engine compartments, van roofs and truck tops
- Fits 14" - 20" tire to provide added height
- Will adjust to three positions vertically
- Folds for storage.

PMTA19600 | £26.00



BITMAN BIT SET 33PC

An innovative plastic case holds 32 x S2 quality tamperproof bits and a quick chuck.

Sizes:
Star T9/T10/T15/T20/T25/T27/T30/T40
Hex 1.5/2/2.5/3/4/5/6mm
Flat 3/4/4.5/5/5.5/6/6.5mm
PzDrive Pz1/Pz2x3, Pz3
Phillips Ph1, Ph2x3, Ph3

PMTc4308 | £7.00



SPIN-A-RATCHET

Use these fingertip spinners to pre-tighten or loosen nuts and bolts until ratchet is engaged. Push into socket, spin to tighten position, put on ratchet and finish the job. Cut labour time in ratcheting work. Available in set of 1/4", 3/8" and 1/2".

PM13400
£22.50



GASKETSCRAPER

PM2080 | £5.10

All purpose scraper for removing shellacked gaskets, paint, grease and carbon. Forged alloy steel blade with sharp chisel edge can be re-sharpened. Heavy duty moulded plastic hand OAL: 10" (250 mm).

SEAL PULLER

Ideal for removing oil and grease seals on cars and trucks. Manufactured from hardened steel, the head is two sided and features a heavy duty shaft with a large 'comfort grip' handle. OAL 12" (31 cm).

PM2245 | £8.50



SNAP RING PLIERS

Services internal rings from 3/8" to 2" (10mm to 48mm) & external rings from 1/4" to 2" (7mm to 48mm). Thick molded plastic handles. Includes 4 tip sizes: .036" (90mm), .047" (1.2mm), .07" (1.8mm) Straight, plus .036" (0.9mm), .047" (1.2mm) bent 90°. OAL 7 1/2" (190mm).

PM8850
£20.00



TYRE VALVE REPAIR KIT 4-WAY

PM1925 | £2.35

This handy impressive tool repairs and conditions inside and outside valve threads. It also removes and installs valve cores.



HOSE PINCH SET - 2 PC

PMA882 | £5.10

This pair of small and compact tools pinches off flexible fuel and vacuum lines up to 5/8" O.D. without damaging them. Also great for brake hydraulic systems.



BRASS WIRE END POWER BRUSH

Our 1" brass end brush offers superior finish and durability, with a 1/4" (6.25mm) shank suitable for all electric drills.

PMDA512 - 1" (25mm)
£1.90



BRASS WIRE WHEEL POWER BRUSH - 2"

Our 2" brass wheel brush offers superior finish and durability, with a 1/4" (6.25mm) shank suitable for all electric drills.

PMDA522 (50mm)
£1.85



KNOTTED END BRUSH - 1"

This professional wire power brush is essential for heavy-duty removal of rust, carbon, paint or corrosion. The high carbon steel wire gives a long life and the 1/4" shank is suitable for any electric drill.

PMD9805 (25mm)
£6.70



BRASS WIRE CUP POWER BRUSH - 2"

Our 2" brass wire brush offers superior finish and durability, with a 1/4" (6.25mm) shank suitable for all electric drills.

PMDA500 | £1.80



BRASS WIRE CUP POWER BRUSH - 3"

Our 3" brass wire brush offers superior finish and durability, with a 1/4" (6.25mm) shank suitable for all electric drills.

PMDA502 | £2.10



RETRACTABLE RAZOR SCRAPER

All metal case and brass control knob, with three position locking retractable blade holder. This sleek, pocket sized scraper is also designed with a hanging hole for convenient storage and comes complete with a box of 5 standard industrial blades.

PM9960 | £3.00



9-PC NON-SPARKING TOOL KIT

The kit includes all tools needed for non-spark applications, all packed in a Blow moulded case, consisting of:-
2 Beryllium Hammers 1/2 lb (225 grams) and 1 lb (450 grams).

3 Brass Taper Drifts - 7/16" x 14", 3/8" x 8" and 3/8" x 10".

4 Brass Pin Punches - 1/4" x 4", 3/8" x 6, 3/4" x 8" and 3/4" x 10".

PMDA999 | £123.30



MITYVAC VACUUM PUMP - TUNE-UP & BRAKE BLEEDING KIT

Hand-held vacuum pump performs brake bleeding and many automotive testing procedures, such as vacuum gauges, diesel valves, power brakes, ignition timing, vacuum pumps, engine control systems, automatic transmissions, emission controls, A/C and heater controls, carburetor service and many more. Lightweight and easy to use.



PM7000 | £47.65

4-IN-1 PLIERS

One of the most versatile tools. Incorporates a pry bar/screwdriver, an adjustable spanner, slip joint pliers and a wire cutter.

This product carries a lifetime warranty.



PM10500 | £ 8.40

12-PC COMBINATION SPANNER SET

22/19/17/14/13/12/11/10/9/8/7/6 mm.



PMTC1572 | £22.73

8-PC WHITWORTH OPEN ENDED SPANNER SET

Manufactured from Chrome Vanadium with polished finish, this Whitworth combination spanner set is supplied in a handy storage wallet.

1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16"



PMTC3672
£23.74

SPARK PLUG FLASHLIGHT

The spark plug flashlight, makes an interesting useful quality gift which is inexpensive and different. It comes with a super bright LED light and is an exact replica of a spark plug. Complete with keychain and a 2-in-1 precision screwdriver inside the plug. Batteries included in the price!



PMDA613 | £3.60

6" PRECISION CALIPER



Use this smooth-moving slide caliper for easy quick inside, outside, step and depth measurements. Graduations in millimeters and 16ths. Lightweight durable polymer construction.

PM9935 | £3.72

WINDSCREEN REMOVAL TOOL

This kit contains all the tools and wire needed for removing even the most modern windcreens. It makes a difficult job easy – even on acutely angled windcreens. The kit comes in a durable vinyl pouch for easy and safe toolbox storage.



PM87460 | £34.75

MAGNETIC PARTS DISH

Powerful magnets hold the dish and contents in any position – even upside down!! Soft, resilient base protects painted surfaces from being scratched. Stainless steel dish measures 1-1/8" (28 mm) deep by 6" (152 mm) across.

PM14400
£7.97



ALLDRIVE SOCKET & RATCHET SET 3/8" D

Easily accessible this Alldrive socket and ratchet set comes with its own hanger and is clearly labelled with the Star, AF and Metric sizes 8/9/10/11/12/13/14/15/16/17/19mm.



PMTC4111 | £18.81

DRAIN PLUG KEY SET 5PC

This Drain Plug Key Set includes most sizes for BMW, Citroen, Ford, Honda, Lancia, Mazda, Mercedes, Nissan, Peugeot, Renault, Saab and Volkswagen. Sizes include 14/17mm Hex, 10/12mm Hex, 9mm/5/16" Hex, 8/13mm Square and 3/8"/11mm Square.

PMTC1580 | £7.55



MIGHTY CUTTER

Use this handy quality tool in automotive, marine and aviation workshops. Produces accurate straight cuts with clean edges on rubber or plastic hoses, PVC pipes and certain types of wire and wire cable. Easily handles up to 30mm O.D. material, with its high quality tempered steel blade and will even cut braided brake hose and 12-volt battery cables.



PMTA14300 | £15.85

WIRE AND CABLE TIE ASSORTMENT

Pack of 750 piece assortment of popular lengths in different colours.

- 400 pcs. 4 inch – 18lbs tensile strength (100 ea. white, black, yellow and red ties)
- 300 pcs. 8 inch – 75 lbs tensile strength (white)
- 50 pcs. 11 inch – 75 lbs tensile strength (white)

Made from long lasting Nylon 6. Ideal for securing wires, harnesses, cables and components.



PM26200 | £10.90

WASHABLE SEAT COVER

Protects the seat while working on the car. Allows the side airbag to activate in cases of emergency. Washable.



PMT3007 | £8.31

ETCHIT ELECTRICAL MARKING PENCIL

Etch-it Pen uses vibration to write like a pencil. Just connect it to a 6 or 12 volt battery or transformer, and you're away. Held lightly and vertically, it etches and brands metal permanently, so it is perfect for identifying tools, dies and equipment.



PM24700
£29.78

12V IMPACT WRENCH

A smart cased set, and the gun feels substantial enough to handle the impressive torque output. It certainly had no problems dealing with our test nuts. You also get two double-ended impact sockets – catering for 17mm, 19mm, 21mm and 23mm sizes – plus a spare fuse.

PMT3778
£36.79



ADJUSTABLE WRENCH

150mm/6".



PMT2669 | £9.00

HOG RING PLIERS

These Hog Ring pliers are complete with automatic feed, which makes them ideal for continuous connections with a single handed operation.

The preformed strips of 50 Hog Rings (Size 07) feed easily into the tool making it deal for fencing/bird pens/sealing bags/fixing tags to plants/re-upholstery plus numerous other uses in construction/industrial/plant nurseries/upholstery and Classic cars etc.



PMT4591 PLIERS | £24.00
PMT4592 500 HOG RINGS | £3.90

SAFETY HAMMER

Agriemach's new Safety Hammer is the ultimate escape tool designed to get you out of your car in the event of an emergency and should also be a serious consideration for the home break windows in case of fire. Constructed with a recessed razor to cut the seat belt and a double headed hammer to break the window allowing for a quick and possibly life saving exit.



PM 10600 | £7.99

DIGITAL VERNIER CALIPER

Manufactured from hardened and tempered stainless steel with large LCD display. With Metric/ Imperial option, zero setting, on/off switch, locking screw plus internal and external measuring jaws. Presented in blue plastic storage case. A handy conversion is printed to the reverse of the tool.



PMT4263 | £25.00

SAFETY SET 2PC

Goggles and mask manufactured to CE standards.



PMT2933 | £2.60

LEAK DETECTION KIT

The leak detector is the best method for pin pointing the exact location of a fluid leak in a automotive engine or transmission system. Auto-lock On/Off. 5 bright LEDs gives 60 hrs durable power.



PMT3756
£35.65

T-HANDLE DEEP SOCKET

One of the most popular sizes for servicing fasteners on motorcycles, ATVs and ATCs. Total length of shaft and socket is 12" (30cm) for deep reach. T-handle slides for quicker use. Fully plated.



PMD8470 | £7.15
PMD8475 | £7.15

MINI GREASE GUN

Ideal for tight areas in engine bays or mini bearings.



Includes grease tube.

PMT3999
£8.50

3" BLIND SPOT MIRROR

Prevent Lane-Change Accidents

This convenient mirror eliminates dangerous blind spots.

- Convex lens magnifies objects
- Double-sided adhesive sticks to your existing side mirror.



PMHF43124 | £1.60

STICKY PAD®

Holds Objects on Dash

Super-tacky pad will keep objects like glasses, cell phones, MP3 players and more from slipping and sliding on your dashboard while driving.

- Clings to most car dashes, without adhesive
- Washable, removable, and reusable
- Temperature resistant and non-magnetic
- Easy to clean with soap and water or glass cleaner to remove debris and renew grip.



PMHF98033 | £7.50

MAGNETIC WRIST BAND

Quick, easy access to tools and parts. Four magnetic discs keep items close at hand.

- One-size-fits-all elastic band
- Easy hook and loop closure.



PMHF96533 | £3.20

MULTI-USE RULE/GUAGE

This multi-use rule and gauge is a must have for all tool boxes.

- Can be used as a protractor, square, center finder, circle divider, drill point gauge and ruler
- Riveted movable arm
- Permanently etched graduations (64ths and mm)
- Polished stainless steel construction for long lasting durability.



PMHF65339 | £7.99

4 PIECE "SKULL" VALVE CAP SET



PMHF99767 | £4.00

AUTOMOTIVE MOUNTING TAPE

This automobile mounting tape consists of a 1/16" thick, double-sided, pressure-sensitive adhesive tape for joining, mounting, gasketing, and sealing automobile bodywork and ornaments easily.



PMHF97929 WHITE | £4.78
 PMHF97930 BLACK | £4.78

40 PIECE 3/8" AND 1/4" DRIVE SOCKET SET

SAE socket sizes: 11/16" - 5/32"
 8 point 1/4" drive socket sizes: 1/4", 5/16", 3/8"
 Metric socket sizes: 4mm - 15mm.

Includes 32 standard sockets, three 8 point sockets, 3/8" direct drive ratchet, finger spinner, 2-3/4" extension, 3/8" to 1/4" adapter and PVC case with clear view lid.



PMHF47902
 £7.98

4 PIECE HEAVY DUTY PRY BAR SET

VERSATILE SQUARE SHANKS

- Every size you'll ever need for almost any prying or lifting job
- Chrome vanadium square steel shanks
- Polished tips
- Comfortable polypropylene grips.



PMHF1654 | 12.80

2 PIECE CLIP-ON POUR SPOUT

- Prevent spills
- Easy clip-on to most fluid bottles
- Includes spouts for quart and gallon containers.



PMHF95384
 £2.50

HELPING HANDS

For Close-up Work

- Set and hold your work at any angle
- Great for hobbies, precision soldering or electronics work
- Magnifying glass for close inspection work.



PMHF319 | £4.50

LATEX DISPOSABLE GLOVES

Ideal for protecting hands while working in oily or greasy situations.



PMLPG/EXLRG	POWDERED GLOVES EXTRA LARGE	£5.50
PMLPG/LRG	POWDERED GLOVES LARGE	£5.50
PMLPG/MED	POWDERED GLOVES MEDIUM	£5.50
PMLPFG/EXLRG	POWDER-FREE GLOVES EXTRA LARGE	£5.50
PMLPFG/LRG	POWDER-FREE GLOVES LARGE	£5.50
PMLPFG/MED	POWDER-FREE GLOVES MEDIUM	£5.50

1" X 15FT RATCHETING TIE DOWN

- Up to 500 lb. working load limit
- Durable polyester webbing for security against shifting loads
- Vinyl coated hooks will not scratch or mar your vehicle
- Includes one two-piece tie.



PMHF47708 | £4.78

FOLDING MECHANICS PAD

Portable padding wherever you need it.

- Two handles
- Heavy duty PVC construction
- 1.43" thick foam padding
- Folds to 23-1/2" H x 17-1/2" W
- Hook and loop closure.



PMHF93896 | £25.60

8 PIECE METRIC FOLDING HEX KEY SET

- Hex keys fold away for compact storage
- Comfort-grip handle provides extra leverage
- High carbon steel keys
- Black oxide finish.



PMHF94302 | £3.16

2 PIECE PARTS WASHER BASKETS

Medium basket: 6-3/4" L x 2-1/2" W x 2-1/4" H;
Small basket: 6-1/8" L x 2" W x 1-1/2" H



PMHF44007 | £6.30

7 PIECE TWEEZER SET

- Get pinpoint accuracy when assembling or soldering
- Light tension
- Chrome finish
- Stainless steel with magnetic tips.



PMHF96124 | £6.30

BASEBALL STYLE BUMP CAP - BLACK



One size fits all

ABS shell

PMHF98936 | £7.70

INDUSTRIAL EAR MUFFS

- Reduce loud noise to the level of a normal conversation
- Large high-impact plastic ear cups fit snugly without strain
- Soft PVC ear cushions give all-day comfort
- Up to 23 decibel noise reduction rating at 500 Hz
- Meet ANSI specifications.



PMHF43768 | £3.99

1 QUART EVACUATION/DISPENSING PUMP

Easily evacuate fluids and refill reservoirs.



- Marked in ounces, milliliters, quart and litre
- 23-1/2" x 5/8" OD hose with "L" spout
- Shatter resistant polycarbonate cylinder
- Cast aluminum end caps, spout and handle.

Overall dimensions: 25-3/4" L x 2-5/8" diameter.

PMHF93477 | £15.50

MASTER SPINDLE RETHREADING SET

20 piece set will repair or renew damaged threads on stub axles/spindles on most vehicles.



Sizes: M16 x 1.0, M16 x 1.5, M18 x 1.5, M19 x 1.5, M20 x 1.0, M20 x 1.25, M20 x 1.5, M22 x 1.0, M22 x 1.5, M24 x 1.5, M24 x 2.0, M25 x 1.5, M27 x 2.0, 11/16"-24, 3/4"-16, 3/4"-20, 13/16"-20, 27/32"-20, 7/8"-14, and 1"-14
Includes storage case.

PMHF66588 | £47.80

SERVICE VEHICLE WARNING FLASHER 12 VOLT



- Magnetic base for instant installation on your vehicle
- Amber lens
- 120 flashes per minute, bright krypton bulb
- Ideal for service vehicles, snow plows, construction equipment
- 29-1/2" tangle resistant stretch cord plugs into cigarette lighter.

PMHF96279 | £25.50

BATTERY/ALTERNATOR TESTER

12 volt, Direct Current Battery and Alternator tester. Simple and effective.



PMTC2274 | £12.54

11 POCKET SPLIT LEATHER TOOL BELT



- Rugged tanned split leather
- Tough 2" wide nylon web belt with durable PVC buckle
- Fits waist up to 46"
- 11 pockets for tools and fasteners
- 4 pencil pockets
- Metal tape measure holder
- Two hammer loops.

PMHF94120 | £9.58

SAFETY GLASSES (CLEAR)

Safety glasses with a stylish design and clear lenses.

Meets ANSI Z87.1 standards.



PMHF99762 | £1.60

PACK OF 30 DUST MASKS



Offers relief from the irritating effects of common nuisance dusts such as alfalfa, pollen, animal dander, calcium carbonate, gypsum, limestone, and many other non-toxic particulates.

PMHF1949 | £4.80

TAILPIPE CUTTER

Easily cuts through pipes by exerting gripping pressure. Cutting chain wraps around pipe and a micrometer-type knurled handle is turned to apply pressure. Features 14 carbide-cutting wheels with spacers for superior tracking. For pipes from 3/4" to 3" (19 mm – 76 mm).



PM2631
£37.78

WHEEL MASKERS

Maskers protect tyres and wheels from overspray and are quick and simple to fit; saving time, effort and cost in having to mask the tyres and rims before spray painting commences. Packed in a set of 4 - one size fits all tyres to 15 inch. Made of heavy duty canvas and securely locked in place by spring wire the maskers can be used over and over again.



PM89950 | £29.99

PRO TOUCH MICRO PAINT BRUSH PK25

Place or remove the smallest drops of paint, cleaners or lubricants with ProTouch's small non-linting, nonabsorbing fibres. The handle bends to any angle. Clean paint gun nozzles and air passages without risk of damage to gun parts.



PM9437 | £5.90

PREP PEN - ADJUSTABLE SANDING PEN

Effectively removes surface wax and road film to prepare chips for permanent paint bond. PrepPen's 20,000 glass fibres remove rust where abrasives can't, but won't damage paint, glass or chrome. Cleans electrical contacts too. Comes with extra long-lasting refill cartridge inside handle. Refills available in pack of two.



PM3437 | £6.75

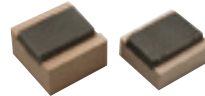
RUBBER SUCTION CUPS - 6"

These suction cups are used to pull out sheet metal panel dents on doors, bumpers and bonnets. The steel handle and reinforced steel support plate allows for maximum pull. Suction is easily released by lifting the lipped edge.



PM81810
£11.50

NIB FILE



These files remove imperfections on paint jobs, such as dirt and runs, without respraying. Saves hours of labour. Made from high quality precision ground material assuring you of uniform results without gouging. They are easy to use and require no special skill. Suitable for work on both primer and top coats, use coarse nib file for heavy imperfections and fine nib file for tiny imperfections. These files must only be used on dry paint surfaces.

PM89790 FINE | £13.99
PM89780 COARSE | £13.99

UNIBIT DRILL

PM15000 | £24.88

This famous UNIBIT drill is an excellent aid for auto body and general automotive work. Drills through metal and plastic and has 13 hole sizes in 1/32" increments from 1/8" to 1/2". The initial 1/8" step starts holes through solid material. Each step drills up to 1/8" thickness. Made of high-speed steel. Non-slip, 1/4" shank fits all drills.



RADIO REMOVAL TOOL KIT

Ideal for use on all European makes of cars and most others. There are 9 sets of specially shaped tools, which will service Blaupunkt, Becker, Grundig and more.

PM5400 | £28.99



PRO BLOCK SANDING BLOCK

New level of holding and working capability with the exclusive thumb grip; control the block as never before, even when wet sanding. No finger grooves when sanding. 45 degree angle combines with the soft rubber and unique spring core steel to make an exceptional material spreader.



PM6437
£13.61

PRO PICK - ULTRA FINE TWEEZERS

Save fresh paint jobs by removing lint, dirt, insects or hair. Easily cleaned, non-corroding stainless steel instrument. Angled tip for best viewing of particle during removal. Each tip is hand ground to .010 of an inch.



PM7437
£12.30

WINDSHIELD STRIP TOOL

For inserting the locking strip around windshields and other windows on most cars. Features two strip sizes and large handle.

PM5200 | £4.50



PORTABLE WORK-BENCH

Folds up for easy storage and has a weight carrying capacity of 227 kg.

PM85800 | £51.81



RETRACTABLE RAZOR SCRAPER

All metal case and brass control knob, with three position locking retractable blade holder. This sleek, pocket sized scraper is also designed with a hanging hole for convenient storage and comes complete with a box of 5 standard industrial blades.



PM9960 | £3.00

WASHABLE SEAT COVER

Protects the seat while working on the car. Allows the side airbag to activate in cases of emergency. Washable.



PMT3007
£8.31

TAPERED REAMER

This is an excellent tool for the body shop and workshop. The tool reams and debuors, aligns and enlarges holes from 1/8" to 1/2" diameter. This steel tool has a 3 1/2" (89 mm) long blade with a comfortable plastic handle.



PMD9988 | £16.65

SPEED TAPE

- TD060101 BLACK - 2" X 90 FT £4.60
- TD060102 WHITE - 2" X 90FT £4.60
- TD060103 RED - 2" X 90FT £4.60
- TD060104 BLUE - 2" X 90FT £4.60
- TD060105 YELLOW - 2" X 90FT £4.60
- TD060106 PURPLE - 2" X 90FT £4.60
- TD060107 GREEN - 2" X 90FT £4.60
- TD060108 ORANGE - 2" X 90FT £4.60
- TD060202 CHECKER-BOARD - 2" X 45FT £4.60



Speed Tape has multiple uses including race applications, temporary damage repairs, taping body seams to name a few. Speed Tape tears straight and easy every time and is available in eight colours as well as the popular checkered board. 2"x 90" Rolls (except Checker-board 2"x 45").

JUNIOR SLUGGER DENT PULLER

The finest shop engineered heavy-duty slide hammer with 3 lbs. slide weight. Features a soft vinyl "Hang-it" handle grip for easy storage and shock cushioning. Special wide aircraft steel body hook, used to pull curls and creases in quarter, rocker, back and door panels. "L" shaped hook, broached nose cone, two jam nuts and two hardened pulling screws are supplied. Designed for the professional body technician. Total weight is 5 lbs. Nose cone and shaft threads are 1/2" - 20.



PMTA81500 | £17.00

RIGHT ANGLE BRUSH

Can be used on battery terminals, or hard to reach corners etc. for most cleaning applications.



PM099635 | £2.12

UNIVERSAL ANTENNA WRENCH

Unique design allows service of six different antenna nuts on all vehicles. No need to buy expensive sockets. Hardened and plated for durability.

PMA572 | £5.71



SHEET METAL SNIP AND WIRE CUTTER

Cuts steel aluminium, brass, copper and plastic sheet or tubing accurately without distortion. This snip will make curved or straight cuts and needs less effort to use than conventional shears. It also eliminates burrs and curling when cutting sheet metal. By drilling a 1/4" hole you can start cutting in the centre of the plate. Another excellent feature is the handy wire cutter built into the tool and will cut steel wire and electrical wire with ease.



PMTA16900 | £14.25

5 PC AUTO BODY UPHOLSTERY REMOVER KIT

This kit will give you every width, shape and angle to remove all types of automotive plastic fasteners, mouldings and parts. Lightweight but strong, the all-plastic body will not mark or damage interior parts of the vehicle.

PMD5150 | £18.10



UPHOLSTERY CLIP REMOVAL TOOL



It only takes a few seconds to easily and safely remove upholstery and trim clips on doors and dashboards and consoles. This tool will not mar panel surfaces. The universal design removes both plastic and metal clips of various shapes and sizes. Eliminates broken fasteners. An easy to use tool with a contoured handle, rust resistance zinc plated shaft and of rugged construction. Ideal for use on both cars and trucks.

PMTA87810 | £5.20

WEDGE (COMMA) DOLLY

A useful drop-forged steel dolly for work behind brackets, braces and other reinforcements on roof, body, fenders and panels. Advantageous in modern body design. Easy to hold in difficult areas.



PMTA88100 | £31.70

HEEL DOLLY

Popular for use in sharp corners and wide radii portions of panels and body. Made of drop-forged steel.



PMTA88150 | £25.35

BLUNT POINT AND FINISHING HAMMER

Used for small clearance jobs and low spots in high crown panels as well as general finishing work. Round flat face 1-1/2" dia. Bullet point on 5-3/4" body. Mounted on a hickory shaft.



PMTA89100 | £22.00

HEAVY DUTY SHRINKING HAMMER

For all round work and fast finishing. This hammer will not stretch metal. Ideal for close quarter work. Drop-forged steel body 5" overall. Round head has uniform serrated face 1-5/8" dia. Square head is flat faced 1-9/16". Mounted on a hickory shaft.



PMTA89150 | £25.00

SPOON DOLLY

This is the most popular body repair speciality tool. Combines all the contours and weight of a dolly with the reach and manoeuvrability of a spoon. Use for forming, prying and caulking in those hard to reach places.



PMTA88175 | £17.50

UNIVERSAL (RAILROAD) DOLLY

Used in every body shop for bumping and straightening dinging and finishing various portion of body, door panels and fenders.



This Dolly has a good variety of curves and angles with two beading and flanging lips. The dolly is made of the highest quality drop-forged steel.

PMTA88000 | £26.50

CHISEL AND FINISHING HAMMER

This drop-forged steel hammer is a must for straight finishing and grooving jobs. Ideal for work on narrow fender beads with wedge shaped chisel cross peen. Round head has a flat surface 1-3/8" dia. Mounted on a hickory shaft.



PMTA89200 | £22.00

HEAVY BUMPING AND FINISHING HAMMER

Very popular, reliable, drop-forged steel unit. Excellent for heavy gauge truck fenders and panels. Well balanced, hit with confidence! All mounted on the finest hickory shaft.



PMTA89250 | £22.00

PICK AND FINISHING HAMMER

Our most popular body shop hammer, designed to provide excellent balance for close-in work and finishing. Flat, round face 1-1/4" dia. Pencil Point on 5-1/4" drop-forged steel body mounted on hickory shaft.



PMTA89000 | £22.00

MEDIUM BUMPING AND FINISHING HAMMER

Excellent for close work and final finishing. Both faces flat. Round face 1-3/8" dia. Square face 13/16". Drop-forged steel head mounted on a hickory shaft.



PMTA89050 | £22.00

7" STRAIGHT PICK HAMMER

Drop-forged steel unit provides long reach to inaccessible or otherwise blocked areas, has 1-7/8" round flat face one side and pick finished to a pencil point the other. All of the highest quality mounted on a hickory shaft.



PMTA89300
£22.00

GENERAL PURPOSE SPOON

Used for slapping and surface metal finishing on fenders, quarter panels and boot lids where blow is spread over full impact area. Overall length 15".



PMTA89625 | £30.00

LIGHT SLAPPING SPOON

A handy aid for the body-shop technician. Hit ridges directly or transfer blow with hammer. Flat surface absorbs and distributes blow evenly. Smooths out ridges uniformly without marring surface.



PMTA89725
£25.00

TOE DOLLY

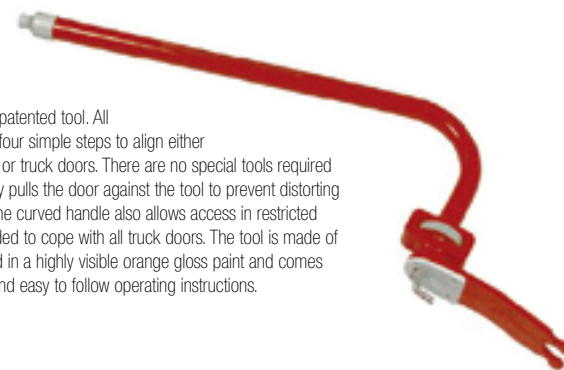
This large drop-forged steel model is popular with body technicians. It has a flat and low crown area and is used in dinging flat surfaces and lower portion of the bonnet or boot lid.



PMTA88050 | £26.50

DOOR ALIGNER TOOL

Align car and truck doors in seconds by using this amazing patented tool. All it takes is a bit of leverage and four simple steps to align either bolted or welded hinges on car or truck doors. There are no special tools required and the patented feature quickly pulls the door against the tool to prevent distorting the metal around the latches. The curved handle also allows access in restricted areas and a special pin is included to cope with all truck doors. The tool is made of the highest quality steel, painted in a highly visible orange gloss paint and comes complete with straightforward and easy to follow operating instructions.



PM82350 | £41.50

BRASS WIRE WHEEL POWER BRUSH – 2"

Our 2" brass wheel brush offers superior finish and durability, with a 1/4" (6.25mm) shank suitable for all electric drills.



PMDA522 – 2" (50mm)
£1.30

KNOTTED END BRUSH – 1"

This professional wire power brush is essential for heavy-duty removal of rust, carbon, paint or corrosion. The high carbon steel wire gives a long life and the 1/4" shank is suitable for any electric drill.



PMD9805 (25mm)
£6.70

BRASS WIRE END POWER BRUSH

Our 1" brass end brush offers superior finish and durability, with a 1/4" (6.25mm) shank suitable for all electric drills.



PMDA512 1" (25mm)
£1.65

WINDSCREEN REMOVAL TOOL

This kit contains all the tools and wire needed for removing even the most modern windscreens. It makes a difficult job easy – even on acutely angled windcreens. The kit comes in a durable vinyl pouch for easy and safe toolbox storage.



PM87460
£34.75

DOOR HINGE PIN EXTRACTOR KIT

For easy removal and replacement of door pin hinges. Spare pins available (PMTc2449).



PMTc2133 | £12.43

BRASS WIRE CUP POWER BRUSH – 2"

Our 2" brass wire brush offers superior finish and durability, with a 1/4" (6.25mm) shank suitable for all electric drills.



PMDA500 | £1.80

BRASS WIRE CUP POWER BRUSH – 3"

Our 3" brass wire brush offers superior finish and durability, with a 1/4" (6.25mm) shank suitable for all electric drills.



PMDA502 | £2.10

UNIVERSAL BEARING PACKER

Servises all automotive bearings by placing the bearing between the plastic cones. Tighten and force the grease through the fitting on the end of the shaft.



PMA299
£5.70

4 PIECE BODY FILLER APPLICATOR SET

- Flexible spring blades
- Ergonomic composite handles with rubber grips
- Comes with 2", 3", 4" and 6" blade sizes.



PMHF95837 | £9.50

12 MINUTE HEADLAMP LENS RESTORER KIT



Using your drill, restore clouded and foggy plastic headlight lenses to look like new!

- No silica, silicone, petroleum, acids, waxes, clay fillers or chemicals that could hurt the environment are in this product
- Water-based
- Improves night driving vision by as much as 80%
- Includes a 2-3/4" backup pad with 1/4" shank and 3 foam pads along with the polishing solution.

PMHF65938 | £16.00



**IMPACT
WRENCH KIT**

Loosens rusted screws, nuts and bolts. Use with hammer to provide maximum torque action. Kit includes 3/8" square drive tool, hex bit adaptor and four hex bits - 9/12" and 5/16" slotted Nos. 2 and 3 Phillips.

PM9311 | £25.52

UNIVERSAL TIE ROD END TOOL

Pulls tie rod ends with a straight firm pull without hammering or prying. Offers 2 1/2" spread and 2 1/4" reach, servicing all tie rods, as well as many gears and pulleys.



PM4011 | £49.30

**UNIVERSAL TIE ROD
ADJUSTER**

Takes the drag out of turning tie rod adjusting sleeves. A must for setting toe-in. Fits all rods with split adjusting sleeves. Double end design allows 360 degree turns in tight spaces.



PM4455 | £7.03



**LUG NUT REMOVER
SOCKET SET**

Impact grade socket with reverse tapered internal thread removes stripped lug nuts with missing keys. Two sizes fit most vehicles.

PM4155 | £13.93

**BALL JOINT/ TIE ROD
SEPARATOR**

Separates tie rod ends from steering knuckles, idler arms and Pitman arms. Prevents damage to steering components that result from other removal methods. Made of heat-treated alloy steel forging with knurled handle.

PM4410 | £4.88



STRUT ALIGNMENT LEVEL

Use this level to restore a vehicle's camber setting after strut repair or installation. Allows technician or customer to safely drive the vehicle before a more precise wheel alignment can be performed. More accurate than other methods. Also for repair of CV joints, ball joints and tie rod ends.



PMD4400 | £25.00

MIDGET PISTOL TYPE GREASE GUN

This popular compact gun is perfect for hard-to-reach jobs. It features a machined aluminium die-cast head, plated handles and non-slip powder coated finish. Includes 4" (100mm) steel extension and 4-jaw coupler with ball check. Handles 3oz cartridges. 1/8" NPT thread 3000 psi.



PMD7720 | £8.70

NUT SPLITTER

Splits rusted or seized nuts up to 3/4" (19 mm). The off-set design of the Nut Splitter improves accessibility which is made from forged steel and incorporates a swivel head for firm location of nut. Use with 3/4" hex drive tool.



PM9015
£8.94

BEARING RACE AND SEAL DRIVER SET

The set allows for fast and easy installations of bearing races and seals. Included are 9 Drivers plus an installing tool to meet most fitting requirements, all packed in a Blow moulded case.



PMD2950 | £48.57

UNIVERSAL STRUT NUT REMOVER

A must for strut nut removal and installation. Four double-ended drivers fit most MacPherson strut applications. Drivers hold strut piston rod while deep socket is used to remove nut.



PMDA450 | £26.00

MACPHERSON STRUT SPRING COMPRESSOR

Quickly compresses the coil spring to replace shock absorber or spring sets or to repair damaged spindles on all vehicles with MacPherson struts. Features safety hook set, Acme threaded rods and ductile alloy cast hooks with high tensile strength for safe and easy operation. A must for every workshop - large or small! Includes rods 18 cms long.



PM4035
£46.82

**UNIVERSAL TIE
ROD END
TOOL**



For easy removal of Tie Rods on most front wheel drive vehicles including SUV with rack and pinion steering. The swivel tipped forcing screw allows for easy alignment to the rod stud preventing damage.

PMDA412 | £20.50

STEERING WHEEL AND LOCK PLATE SERVICE KIT

This complete kit will service most steering wheels including Telescopic Tilt columns. The kit will also enable the servicing of the turn signal switch and S.I.R. modules on G.M. vehicles. Set includes 5 sets of cap screws:-

3/8" - 16 x 3 1/2"

5/16" - 18 x 3 1/2"

5/16" - 24 x 3 1/2"

M8 - 1/25 x 90 mm

5/15" - 118 x 4 (SIR)

plus Yokes, Metric and SAE Lock Plate Adaptors and Washers all packed in a Blow moulded case.



PMD1500 | £40.60

GREASE FITTING SET METRIC (8PC)

This 8-Pc grease fitting set is made from heat-treated, yellow zinc plated steel for an extra long life. Contains:- 4-M6 x 1 straight, 2-M6 x 1 45° and 2-M6 x 1 90°.

PMD7780 | £2.88



EXHAUST WRAP HIGH TEMPERATURE PAINT

Preserves and protects exhaust insulating wrap after it has been installed. Extra resins and binders toughen the surface and help extend the life of the wrap by protecting it from friction and seals the pores to minimise the penetration of liquids and reduce the harmful effect of spills.

A range of quick drying very high temperature paints suitable for use on exhaust manifolds, engine blocks, brake drums, brake calipers and pipes. Resists temperatures up to 650°C/1200°F.

T12001	BLACK HIGH TEMP PAINT - 400ML	£6.86
T12002	SILVER HIGH TEMP PAINT - 400ML	£6.86
TIS331	WHITE HIGH TEMP PAINT - 400ML	£6.86
TIS332	RED HIGH TEMP PAINT - 400ML	£6.86
TIS333	BLUE HIGH TEMP PAINT - 400ML	£6.86



5-PC PICKLE FORK KIT

This completes set of forks is ideal for separating Ball Joints, Tie Rods and Pitman Arms, Manually or Pneumatically. Included are 3 pickle forks with 1 1/8", 1-5/16" and 1-1/16" openings and two handles, one knurled for manual use and one smooth for pneumatic use. The kit is packed in a Blow moulded case and will satisfy most needs.



PMD4018 | £33.30

GREASE FITTING UNCLOGGER

The new revolutionary grease fitting unclogger opens up stuck grease fittings allowing neglected steering, suspension and driveline joints to benefit from fresh grease being applied.

This is an essential tool for automotive, marine, agricultural and earthmoving equipment workshops and their fitters catering for both mobile and workshop applications. This tool works by injecting a light viscosity oil into the grease nipple or joint, thereby breaking up and removing any dirt, rust or dried up grease.

This then enables the grease nipple or joint to be properly greased. The Professional model is supplied with a flexible auxiliary hose for hard to reach applications.

Supplied with full user instructions.

PM2900 PROFESSIONAL | £45.76
PM2905 POCKET SIZE | £27.00



PMR244	GLASS & MIRROR CLEANER - 400ML	£2.89
PMR201	CARBURETTOR CLEANER AEROSOL 400ML	£3.63
PMR202	BRAKE CLEANER - 400ML	£4.25
PMR271	TYRE DRESSING - 400ML	£4.16
PMR203	ENGINE DEGREASER - 400ML	£4.10
PMR204	BATTERY TERMINAL PROTECTOR - 400ML	£5.25
PMR227	DE-ICER - 400ML	£3.05
PMR272	ALLOY WHEEL CLEANER	£5.00
PMR206	DASHBOARD RENOVATOR (LEMON) AEROSOL	£3.86
TR210	HEAVY DUTY ADHESIVE - 400ML	£4.50
PMR211	CLEAR FINE OIL AEROSOL - 400ML	£4.30
PMR212	CLEAR PENETRATING OIL AEROSOL - 400ML	£3.38
PMR213	MAINTENANCE SPRAY - 400ML	£4.00
PMR214	CUTTING, TAPPING AND DRILLING SPRAY - 400ML	£4.90
PMR221	SOLVENT BASED ANTI SPATTER - 400ML	£3.90
PMR223	WHITE GREASE - 400ML	£4.85
PMR224	GALVE SPRAY - 400ML	£7.29
PMR234	COPPER ANTI SEIZE - 400ML	£6.45
PMR237	PTFE DRY FILM LUBRICANT - 400ML	£5.90
PMR241	PRESSURISED AIR DUSTER - 400ML	£11.00
PMR250	BARRIER CREAM - 400ML	£4.65

BILT HAMBER - AUTO-BALM 300ML

Auto-balm is a unique product providing protection and gloss to automotive paintwork and car bodywork. It is the result of thousands of hours of development and testing - a blend of synthesised complex corrosion inhibiting molecules that lock together tightly enabling them to remain functional in ultra-thin, high gloss films. Auto-balm will seal capillary pores in paintwork and provide an anticorrosion barrier to stone-chips and other damaged sites on vehicle paintwork.



PMBHAB | £12.72

BILT HAMBER - AUTO CLAY

Auto-clay provides a method of removing harmful contamination from vehicle paint finishes, improving its durability and increasing the gloss level of subsequent waxes. Contamination can consist of tiny metallic particles from rail dust, brake dust and industrial fallout; or nonmetallic substances such as tree sap, bird droppings or insect residue. It affects all paint finishes and can cause serious damage when left untreated. Surprisingly, even brand-new cars and trucks can suffer from paint contamination.



PMBHAC | £8.47

BILT HAMBER - HEAVY DUTY CITRUS HAND CLEANING 5L

Heavy Duty CITRUS industrial solvent-free hand cleaner is a heavy duty gel hand cleanser based on naturally derived cleansing agents with mild polybead abrasive emollients.



PMBHCIT | £11.87

BILT HAMBER - AUTO WASH

Bilt-Hamber Auto-wash is a new technology, highly powerful, environmentally friendly vehicle shampoo, formulated and manufactured to allow you to effortlessly, gently and effectively clean your paintwork before waxing with our highly acclaimed Autobalm. Auto-wash is anti-corrosive to bare steel too, ideal for owners of older vehicles which may have stone chips or exposed areas of mild steel. The highly concentrated formula means that less is needed to add to your water. 60 Washes.



PMBHAW | £7.62

BILT HAMBER - CHAMOIS

Bilt Hambers High Quality Chamois.



PMBHCHAM (X LARGE/X THICK) | £5.91

BILT HAMBER - LAMBSWOOL MITT

Bilt Hambers high quality Lambs wool buffing mitt. Hand made with the finest unmark pelts. Generously tailored to wash quickly and effectively, saving time. Features hanging strap, elasticated cuff and extra deep pile on both sides to shampoo harmful road salt and grime away from paint. No more sponge scratching and swirling!



PMBHLWM | £12.72

BILT HAMBER SURFEX HD DEGREASER

Bilt-Hamber Surfex HD provides performance levels that match and even exceed solvent systems while meeting the latest standards of biodegradability.

Surfex HD attacks all oil and grease based soiling, but unlike solvent based cleaners will additionally and effortlessly clean organic, or water deposited grime.



MBHSURFEXHD-1
1 LTR | £5.06

PMBHSURFEXHD-5
5 LTR | £11.87

BILT HAMBER - DEOX-C RUST REMOVER POWDER 1kg

Deox-C is a crystalline, 100% active corrosion removal product formulated for the removal of corrosion products from steel, stainless steel and most ferrous materials. This product when dissolved in tap water, produces a bath of powerful rust removing liquid.



PMBHDC
£10.17

BILT HAMBER - DEOX-GEL (GELLED RUST REMOVER) 1L

Deox-Gel is a viscous, highly thixotropic, rust remover, designed for corrosion removal on surfaces or objects too large to submerge in a bath of Deox-C. Along with the viscosity builders and preservatives, the active agents in Deox-Gel are harmless, non-toxic and biodegradable.



PMBHDG
£8.04

BILT HAMBER - HYDRATE 80 RUST CONVERTER

Traditional paints and coatings applied to corrosion give disappointingly short-lived performance because they simply hide the underlying and continuing corrosion - the failure is first seen by blistering of the coating and the rapid breakthrough of rust. Hydrate 80 provides powerful protection to rusted steel surfaces, its electrochemical function stabilises existing corrosion by converting the iron oxides into a protective metal complex, it also combines with surface moisture and oxygen depriving the corrosion process of the conditions it requires.

PMBHH-80
500ml | £11.02

PMBHH-80-1
1 LITRE | £19.53



BILT HAMBER-DYNAX S-50 ANTI CORROSION WAX

Dynax S50 is a high-performance anti-corrosion wax that provides exceptionally long-lasting protection to steel surfaces. It creeps into welded seams and seals surface defects. Dynax S50 forms a soft, brown, wax-like film that self-heals in the event of disruption. It is also able to arrest existing corrosion and to provide longterm protection to pre-corroded and corrosion-free surfaces.



PMBHDS-50
750ML ANTI CORROSION WAX | £11.02

PMBHDS-50-5L
5L ANTI CORROSION WAX | £34.00

ALLOY WHEEL BRUSH

Tough bristles remove dirt and brake dust from alloys without scratching.



PMTC3517 | £1.27

AQUA BRUSH EXTENDING

Wash brush extending to 1.7m complete with hose connection adaptor, on/off switch on handle and full soft bristled head (replaceable).



PMTC3874 | £12.46

WASH BRUSH & COIL HOSE SET

Ideal for washing cars, trucks, vans, caravans, windows, conservatories and decking. Makes cleaning faster and easier. Strong lightweight aluminium handle extends to 1.3m. Convenient ON/OFF switch on handle.

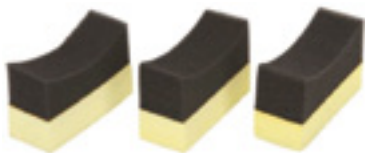


PMTC3859 | £34.52

3 PIECE TYRE CLEANER SPONGE SET

Sponges spread tyre dressing evenly while cleaning car tires.

Three reusable sponges.



PMHF96730 | £4.50

SPOKE AND WHEEL BRUSH

Remove oil, grease, grime, and brake dust from between spokes and around rims.

- Natural tampico bristles for delicate cleaning
- Rubber comfort grip
- Tapered pointed tip.



PMHF93160 | £6.50

DE-BUG™ (Diesel Bug Killer)

The DE-BUG decontaminator is the tested and proven way to protect and rid your engine of unwanted sludgy microbial contamination or diesel bug in your fuel.

De-Bug Units are static magnetic inline device that create an optimum magnetic flux field directly responsible for destruction of the cell membrane. Exposing the microbes to a strong, changing magnetic field will ensure maximum destruction of the cells. The debris stays randomly suspended in the fuel and due to their sub-micron size easily pass through engine components and burn up with the fuel.



DSL140
L140
£79.00



DSL500
L500
£205.00



DSL1000
L1000
£327.00

- Fuel types: Diesel fuel, marine diesel, light oils and gas oil
- Engine ratings: Usually up to 100 hp
- Recommended Flow rate: Up to 140 litres/hour.
- Fuel types: Diesel fuel, marine diesel, light oils and gas oil
- Engine ratings: 100 hp to 300 hp
- Recommended Flow rate: Up to 500 litres/hour.
- Fuel types: Diesel fuel, marine diesel, light oils and gas oil
- Engine ratings: 250hp to 600 hp
- Recommended Flow rate: Up to 1000 litres/hour.

DEP SERIES TANK FILTER 105LPM

The transparent vessel on the DEP Series Filter allows an ocular and instantaneous inspection of the diesel delivery and in the event of transferring liquid with impurities, these are retained between the filtering cartridge and the transparent vessel. The filter housing is fitted with a drain valve located at the bottom of the unit in order for the user to quickly drain off any water contamination. This filter offers 5micron particulate and water separating filtration and comes complete with installation bracket and quick release filter change tool.

Only suitable for diesel fuel.
Ports 1" BSP.

CDDEP105COMPLETE | £185.53
CDDEPONE105 5 MICRON REPLACEMENT FILTER | £14.50



RACOR FUEL FILTER FUNNELS

- Rugged construction
- Teflon coated stainless steel filter
- Corrosion resistant
- Four sizes, four flow rates
- Electro-conductive plastic material
- Diesel and petrol use.



This new series of fuel filter funnels allow you to filter and separate the water from the fuel. It gives outstanding filtration with acceptable flow rates. The new RFF family of products are capable of removing water and solids down to 0.005 inches and allows you to visually inspect the integrity of your fuel supply as you refuel.

RFF 1 C	(SMALL) FLOW RATE: - 10 LPM	£14.09
RFF 3 C	(MEDIUM) FLOW RATE: - 14.5 LPM	£18.43
RFF 8 C	(LARGE) FLOW RATE: - 18.5 LPM	£28.85
RFF 15 C	(NEW HIGH FLOW) FLOW RATE: - 55.5 LPM	£55.41

RACOR FBO TANK FILTERS

Racor Hydrocarbon Filters' new FBO-10 and FBO-14 filter assemblies were designed to meet the toughest hydrocarbon refueling conditions and give maintenance personnel ease of filter change outs.

The FBO Assembly can flow 38 lpm or up to 284 lpm depending on the unit, elements installed and fuels being filtered. The FBO assembly can be used on mobile refuelers or installed in refueling cabinets. The unit can also be used for diesel fuel dispensing pumps or as a primary fuel filter/water separator for large diesel engines.

The assembly features a "locking ring collar", which attaches the filter housing to the aluminum die cast filter head with four bolts. The slotted "locking ring collar" allows maintenance personnel to hand loosen the four collar bolts, rotate and lower the bowl assembly for element change outs. With new element installed, simply raise the bowl and rotate into position on the locking ring and hand tighten evenly.

The closure hardware consists of stainless steel nuts, bolts, and washers with metal hand knobs for ease of maintenance. No wrenches or other special tools required.



CDFB010DLP	FBO 10 TANK FILTER INC SITE GLASS	£360.00
CDFB014DLP	FBO 14 TANK FILTER INC SITE GLASS	£410.00
CDFB060328	FBO 10 5MICRON SEPARATOR FILTER	£95.63
CDFB060337	FBO 14 5MICRON SEPARATOR FILTER	£102.79

BOWL FILTER & WATER TRAP - GRAVITY/PUMPED

- Simple low cost bowl filter for fuel lines. 1" BSPF ports
- Cast aluminium head with see through polycarbonate bowl.
- Disposable filter elements.
- Filter available to remove particle & water contamination at 15micron
- Only suitable with diesel or biodiesel up to b30
- Gravity flow max. 45 LPM
- Pump flow max. 100 LPM
- Fitted with bottom plug for draining water.



CDHYFFILTKITW	(Including element)	£49.08
CDHYFFILTE	15 Micron separator element	£19.54

SUPERIOR PIPE THREAD SEALANT

A high performance pipe thread sealant.

- Suitable for use on diesel, oil, petrol, air & water
- Supplied in 50ml tube with nozzle applicator
- Easy to apply, prevents unnecessary wastage
- Water washable before setting makes it very clean to use
- Fast acting, will withstand 50 psi (3 bar) after 1 hour.



CDHYA131	£19.46
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RACOR TURBINE FILTER SERIES

Racor Turbine Series Diesel Fuel Filters provide heavy duty, high capacity water separation and fuel filtration for many applications. Made of rugged, non-corrosive die-cast aluminum with a clear bowl designed for diesel fuel only.



Racor removes contaminants using a patented three stage process: Separation, Coalescing, Filtration.

CDA301501	500FG TURBINE - 3.78LPM	£121.67
CDA301505	500MA TURBINE C/W TRAY	£151.57
CDA301503	500MAM TURBINE - METAL BOWL	£159.07
CDA301602	900FH TURBINE - 5.68LPM	£166.11
CDA301606	900MA TURBINE C/W TRAY	£217.61
CDA301604	900MAM TURBINE - METAL BOWL	£255.23
CDA301702	1000FH TURBINE - 11.35LPM	£195.24
CDA301706	1000MA TURBINE C/W TRAY	£247.63
CDA301704	1000MAM TURBINE - METAL BOWL	£255.12
CDA301525	500MA DUPLEX 7.56LPM	£598.00
CDA301626	900MA DUPLEX 11.35LPM	£841.38
CDA301726	1000MA DUPLEX 22.71LPM	£856.05

RACOR TURBINE FILTER ELEMENTS

Racor Turbine Series Diesel Fuel Filters provide heavy duty, high capacity water separation and fuel filtration for many applications.



CDA301851	2MICRON FILTER FOR 500FG	£6.12
CDA301853	10MICRON FILTER FOR 500FG	£6.12
CDA301855	30MICRON FILTER FOR 500FG	£6.12
CDA301861	2MICRON FILTER FOR 900FH	£7.39
CDA301863	10MICRON FILTER FOR 900FH	£7.39
CDA301865	30MICRON FILTER FOR 900FH	£7.39
CDA301871	2MICRON FILTER FOR 1000FH	£8.56
CDA301873	10MICRON FILTER FOR 1000FH	£8.56
CDA301875	30MICRON FILTER FOR 1000FH	£8.56

MOBILE DIESEL TANK CLEANING SYSTEMS

We offer a system for almost any diesel cleaning application. At present the Agriepure range consists of three units with variable flow rates dependant on the requirement. Systems 1-3 have flow rates of 25 LPM, 35 LPM & 52 LPM respectively.

These systems are built with self cooling pumps and each system carries a 2 year manufacturer's warranty. The filters used are the best water separating media available on the market, filtering down to 2 microns.

- 100% effective in removing water from the fuel
- Remove dirt/sludge from the fuel
- With the aid of the biocide treatment, this will kill and remove DIESEL BUG in the tank
- Save the engine, reduce down time, man hours and cost.

Available with 110v or 240v operating pumps.

CDDEP10R	SYSTEM 1 (25 lpm) flow rate	£900.00
CDDEP73R	SYSTEM 2 (35 lpm) flow rate	£1500.00
CDDEP77R	SYSTEM 3 (52 lpm) flow rate	£2400.00



RACOR DIESEL BIOCIDES FUEL ADDITIVE (DIESEL BUG KILLER)

Racor diesel biocide is a multi-functional fuel additive. It is used to help maintain colour stability and clarity. Racor diesel biocide can be used to eliminate and/or prevent the growth of bacteria and fungi. The superior formulation controls bacteria, fungi, organic reactions, sludge formation, and also acts as a corrosion inhibitor.

- Excellent for use with all forms of diesel/biodiesel
- Formulated to treat more forms of algae and bacteria than other brands
- Concentrated formula treats more gallons per ounce
- EPA approved as both a biocide and aftermarket fuel additive
- Prevents internal corrosion from microbial fouling
- Fuel and water soluble
- Does not cause foaming
- Promotes fuel stability during storage
- Treats 4500 litres of diesel.



CDADT2116 | £28.76

RACOR CONDITIONER PLUS+

Racor diesel conditioner plus+ is a multi-functional fuel additive for all seasons. Its formulation contains a cetene improver which enhances power delivery, starting and helps engines run smoother and quieter.

- Contains lubricity additive to reduce friction; prevents wear and tear, extending engine life
- Improved fuel economy and lower emissions
- Reduces injector coking
- Improves starting and power
- Dissolves gum and varnishes to keep fuel system clean
- Cetane improver for added engine performance
- Alcohol free
- BOCLE tested
- Treats 1200 litres.

CDADT1116 | £24.76



FUEL FUNNEL WITH FLEXI SPOUT - 145MM D



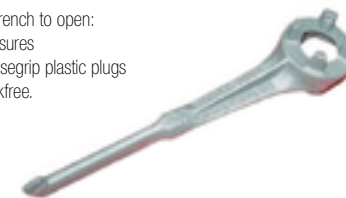
inc gauze filter.
CDHYFUN145

£4.45

NON SPARKING DRUM WRENCH

Aluminium drum wrench to open:

- All 3/4" & 2" closures
- For Riecke Poly-visegrip plastic plugs
- Lightweight sparkfree.



CDHYDWM

£19.85

LEVER DRUM HAND PUMP



- Suitable with diesel, biodiesel up to B30 or Oils to SAE 90
- Metal lever action drum pump
- Capable of up to 20lpm
- 2" BSPM drum adaptor
- Telescopic suction.

CDHYLEVERS | £16.15

FUEL RESISTANT ADHESIVE/ MASTIC

Flexible sealant/adhesive for bonding or gap filling.

- Resistant to diesel, oils, petrol, water and dilute acids
- Tack free in 40 to 60 minutes
- Supplied in 300ml standard mastic cartridges.

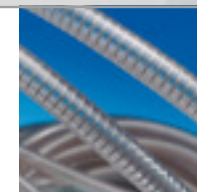
NOT TO BE USED AS A THREAD SEALANT

CDHYLOC5220 | £18.15



CLEAR REINFORCED HOSE PER METRE

CD4A12616	16MM ID CLEAR REINFORCED HOSE PER METRE	£2.94
CD4A12619	20MM ID CLEAR REINFORCED HOSE PER METRE	£3.14
CD4A12625	25MM ID CLEAR REINFORCED HOSE PER METRE	£4.27



SAMOA DIESEL DISPENSING PUMPS



- Self priming diesel transfer pumps
- Internal gear electric pump for lubricants
- Nutating-disk meters for diesel with analogical register
- Fuel delivery nozzles.



CALL 01342 713743 or VISIT OUR WEBSITE www.agriemach.com for further information.

SAFE DRIVING MONITOR

The Safe Driving Monitor™ consists of a key fob (keychain LCD) and a sensor to display a driver's maximum speed, distance traveled and sudden braking. Employers can use The Safe Driving Monitor™ to monitor their employee's driving behavior.



PMBOWDM | £99.00

ENGINE IDLE LIMITER

Agriemach understands the high costs associated with running a fleet and understand the long unnecessary idling times that occur which results in fuel consumption, engine wear and even more exhaust gasses being released into the atmosphere.

For these reasons, Agriemach have released this new engine idle limiter to assist in fuel savings, reduced engine wear and unnecessary emissions by shutting an engine down after a preset number of minutes of idling.



PMBOW806 | £175.00

BRAKE CHECK SERIES 2

The BrakeCheck is a fully self-contained, portable, battery-powered device that can be used by workshops, government traffic authorities, testing and inspection stations etc. to test and report on vehicle brake efficiency. The unit is MOT approved.



The BrakeCheck can be used to test any type of vehicle, including motorcycles, and can be positioned anywhere in the vehicle.

OPTION 1 (includes Portable Printer)

£563.00

OPTION 2 (includes PC Software & PC cable)

£425.00

OPTION 3 (includes PC Software, PC cable & Portable Printer)

£Call for Price

OPTION 4 (Test Unit only)

£349.00

TYRE TREAD DEPTH GAUGE

- This handy tool features large LCD display, zero setting and can switch from metric to Imperial measurements
- Simple ON/OFF with 1.5v SR44 battery included
- LCD will flash when the battery is low
- Range: 0-25mm
- Can also be used for brake shoe and pad wear.



PMT4262 | £8.00

QUIK CHEK TYRE SAFETY KIT

- Pencil Gauge (up to 50psi)
- Quik-Chek Key Chain with 4 Fill-Thru Dust Caps
- Tyre Tread Depth Gauge
- Extension-Hose for the Spare Tyre.



HOW QUICK IS THE QUIK-CHEK: -
If you replace all existing dust caps with these new ones and put the Quik-Chek key chain on your car keys, the test on each tyre will take seconds. All you have to do is place the Quik-Chek onto the dust cap and apply a little pressure and that gives you your reading. Easy.

PMPMS | £25.00

LED BREAKDOWN WARNING SYSTEM

- This waterproof and reflective Breakdown Warning Sign gives maximum visibility in emergency situations and is magnetic for fixing to vehicles etc.
- Eyelets are also included for other situations and environments
- LED directional lights have three programmed patterns
- Size: 750X300mm
- Ideal for broken down cars, wheel changes or for emergency recovery or breakdown services
- 4 x AA Batteries required.



PMT4264 | £22.00

SPECIALIST PRODUCTS AVAILABLE

SMOKECHECK

INCIDENT DATA RECORDER

TACHOLINK MILLENIUM

TACHOLINK LITE

CALL FOR FURTHER INFORMATION



DUST BUSTER

**LIFETIME GUARANTEE
LARGEST RANGE IN THE WORLD**

DUSTBUSTER ENGINE AIR PRECLEANERS

HOUSING FOR DRY FILTER ELEMENTS - COMBINED SYSTEM WITH DYNAMIC PRECLEANER

DYNAMIC ENGINE AIR PRECLEANERS FOR UNDERBONNET APPLICATIONS

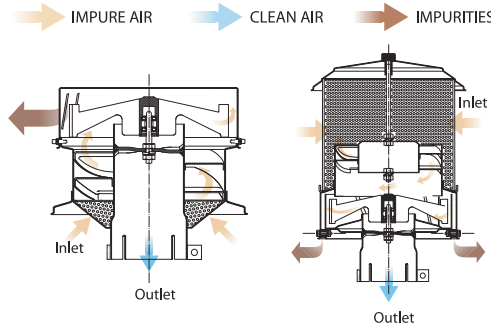
EXTERNALLY MOUNTED DYNAMIC ENGINE AIR PRECLEANERS

EXTERNALLY MOUNTED DYNAMIC ENGINE AIR PRECLEANERS - KC SERIES



APPLICATIONS

- Agriculture
- Earth moving machinery
- Stationary applications e.g. crushers
- Trucks
- Under Hood
- Industrial
- On-Highway Under Hood
- Off-Highway
- 4x4 vehicles
- Trains
- And many more...



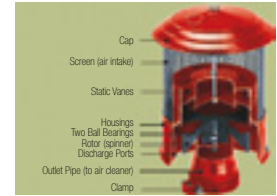
HOW THEY WORK

Dustbuster Engine Air Precleaners are usually installed in place of the rain cap, dust bowl, or aspirated precleaner (exhaust system).

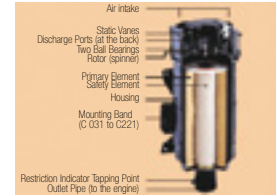
In some applications, they can be mounted directly to the air cleaner.

Air enters the system through a pre-screen that removes large debris. It then flows through static vanes causing the air to spin. As the air spins, centrifugal force separates dust, dirt, insects, rain and snow from the air stream. The swirling air drives a high velocity rotor that acts as a blower evacuating contaminants through special discharge ports in the side, or bottom, of the unit. Only purified air flows to the air filter elements.

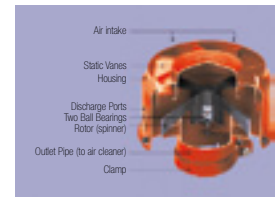
CH/MO/GR RANGE



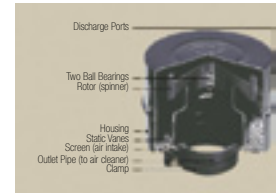
COMBINED SYSTEM WITH DYNAMIC PRECLEANER



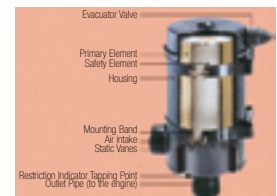
PB & PP RANGE



KC RANGE



HOUSINGS FOR DRY FILTER ELEMENTS



Please contact Agriemach for further information on 01342 713743

CATALYTIC EXHAUST PURIFIER



MINE-X® catalytic converters dramatically reduce carbon monoxide (CO), hydrocarbons (HC) and exhaust irritants from diesel engine exhaust.

This product is also available for order as a catalytic muffler, which is designed to replace the original equipment (OE) muffler.

EXHAUST SOOT FILTER (FLOW THROUGH)

The MINE-X® Flow-Through Filter is a revolutionary flow-through diesel particulate filter that provides effective removal of diesel particulate matter and lower back pressure than conventional wall-flow particulate filters.

- Reductions:
- Carbon Monoxide - up to 95%
 - Hydrocarbons - up to 90%
 - Particulate Matter - up to 60%



WALL FLOW EXHAUST SOOT FILTER



MINE-X SOOT FILTER diesel particulate filters effectively reduce particulate matter by 99.9% (particulate count) from diesel engine exhaust and are used to meet regulatory demands or simply improve the quality of the air.

Certification:

- United Kingdom: NRMM (Non-Road Mobile Machinery) Retrofit Programme
- USA: CARB (California Air Resources Board)
- Switzerland: VERT (Reduction Of Diesel Emissions in Tunneling)
- Japan: MLIT (Ministry of Land, Infrastructure and Transport)

UGET 3 SOOT FILTER (CARTRIDGE TYPE)

UGET 3 is a dry particulate filter system capable of reducing up to 90% of carbon particles emitted from the exhaust of a diesel engine and it operates immediately from engine start-up.

The texture weave of the special fibre retains carbon particles from as small as 0.3 microns.

As the filter assembly acts as a silencer as well, there is no need for the muffler on the machine to be used and this can be discarded.

At the end of the filter cartridge life the back plate is removed to extract and replace it with a new one. Disposal of the used cartridge is straight forward as it is not classed as hazardous waste.

The life of the filter element is approximately 300-350 hours of use, depending on the condition and maintenance of the engine.



SUPERTRAPP - SPARK ARRESTORS

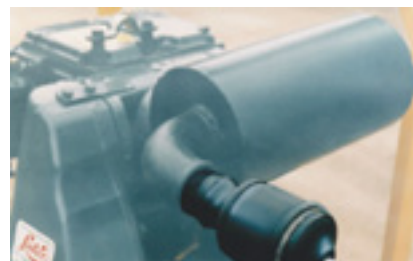
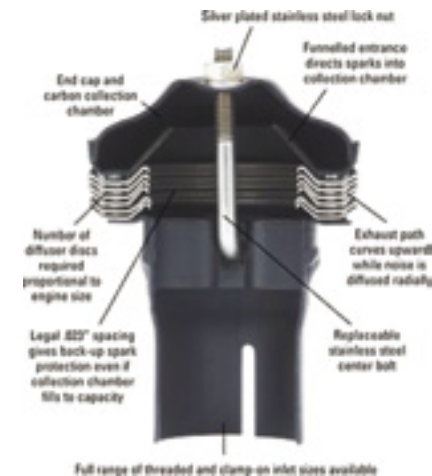
The most compact and efficient spark arrester available for their size.

Reduces noise and cools the exhaust gases as they enter the atmosphere.

Model 3S - Suitable for engines 2 - 50 HP (Approx. 1 disc per 3 HP) Recommended for engines to 10 HP where minimum exhaust noise is required and for larger engines where space is limited.

Model 5S - Suitable for engines 10 - 250 HP (Approx. 1 disc per 7 HP) Recommended for engines from 10 to 100 HP where minimum exhaust noise is required and for larger engines where space is limited.

Supplements an existing muffler where minimum exhaust noise is critical.



PRIMARY RANGE SPARK ARRESTORS



Designed to act as a spark arrester/ silencer and can be used as a primary silencer for most industrial applications.

Twin centrifuge design for optimum spark arresting
Good silencing (10d dB+).

Standard - All Stainless Steel construction.
Optional - Mild Steel case/Stainless Steel internal parts.



SCREEN-O-MATIC

Screen-O-Matic is a highly efficient, lightweight, durable unit that will help keep your radiator cleaner in severe operating conditions. The body, fan and front cover are manufactured from high impact ABS plastic while the frame and screen are manufactured from aluminum. There is nothing to rust and the only wearing parts are readily available standard sealed bearings. Available in a variety of sizes to fit most applications.



TURBO GUARD

Turbo-Guard eliminates turbocharger failure through oil starvation both at start-up and shutdown, which is the main cause of turbocharger failures. Turbo Guard is reliable, automatic and maintenance free, it will pay for itself over and over again - plus cut down frustrating delays and lost time - by eliminating the damage and expensive breakdowns caused by oil starvation.



Turbo-Guard is simply an add-on reservoir that prolongs the life of your turbo-charger by automatically correcting the lubrication lag that creates turbo problems. The Turbo-Guard provides immediate oil flow at engine shutdown and also at cold start, preventing bearings from running dry.

HYDRAULIC FILTRATION

Hydraulic Oil Cleaning System - 40LPM (Variable)

230v Gear Pump with a 10Micron primary filter element leading to a 3Micron secondary element.

Primary Element: HW51110

Secondary Element: A120G03

Suction Hose: 5m

Delivery Hose: 5m

Warranty: 2 Year

CE Approved.



ELECTRIC OIL PUMPS



Internal gear electric pumps for lubricants. 220 V, IP-55 protection motor with on/off switch. Cast iron pump body, sintered steel gears and by-pass valve.

Motor with mounting bracket, the pump can be mounted horizontally on a flat surface or vertically on a wall.

Some of our Pumps include an electronic pressure switch that automatically starts the pump once a delivery gun is opened and shuts off when it is closed.

Call for Further Details.

SCREEN-O-MATIC

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HYDRAULIC FILTRATION

Hydraulic Oil Cleaning System - 40LPM (Variable)

230v Gear Pump with a 10Micron primary filter element leading to a 3Micron secondary element.
 Primary Element: HW51110
 Secondary Element: A120G03
 Suction Hose: 5m
 Delivery Hose: 5m
 Warranty: 2 Year
 CE Approved.



ELECTRIC OIL PUMPS



Internal gear electric pumps for lubricants. 220 V, IP-55 protection motor with on/off switch. Cast iron pump body, sintered steel gears and by-pass valve.

Motor with mounting bracket, the pump can be mounted horizontally on a flat surface or vertically on a wall.

Some of our Pumps include an electronic pressure switch that automatically starts the pump once a delivery gun is opened and shuts of when it is closed.

Call for Further Details.

CARRIAGE

Carriage charge within the UK (excl VAT) - Outside UK will be confirmed at time of order
 Orders up to £9.99 Please add £2.00 Orders £10.00 - £24.99 Please add £3.75
 Orders £25.00 - 99.00 Please add £6.00 Orders £100.00+ Please add £11.50

Please note: Due to the weight of Liquid Cooling Additives the carriage charge is £3.00. Bilt Hamber Deox-Gel is also charged at £3.00.

AGRIEMACH REFUND POLICY

Goods may be returned within 7 days. Refunds will be processed excluding P&P charges. Agriemach reserves the right to levy a 15% re-stocking charge.

AGRIEMACH LTD

Wayfarers, Old Domewood, Cophome, Crawley, West Sussex RH10 3HD
Tel 01342 713743 **Fax** 01342 719181 **E** info@agriemach.com **www**.agriemach.com

CATALOGUE PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

NOTES

FOLD OUT FOR ORDER FORM

Ordered by:

Name Mr, Mrs, Ms. _____

Address _____

Post Code _____ Contact Tel Number _____

Deliver to: (if different from above)

Name Mr, Mrs, Ms. _____

Address _____

Post Code _____ Contact Tel Number _____

Payment Method:

Mastercard Visa Delta Maestro Issue No. _____

Postal Order or Cheque

Card Number:

Security No:

Card Expiry Date ____ / ____ Start Date ____ / ____

Credit card billing address: (if different from ordered by)

Name on credit card Mr, Mrs, Ms. _____

Address _____

Post Code _____ Signature _____

The Agriemach Guarantee

All goods are covered by a 12 month faulty
workmanship/material guarantee at the discretion of
the manufacturer, after inspection of the goods.

AGRIEMACH ORDER FORM

Please supply the following goods:

REF NO.	DESCRIPTION	UNIT COST	QUANTITY	TOTAL
CARRIAGE - SEE CHART				
SUB-TOTAL				
VAT				
TOTAL				