

## Brake & Clutch Cylinder Pressure Tester Master Kit



### PT52160

- Accurate brake & clutch pressure analysis
- Cylinder pressure measurement with or without ABS
- 0-3000PSI (200BAR) analogue pressure gauge is accurate to +/- 4% and is fitted with a rubber shock cushion
- The unit can measure pressures from the front & rear of the master cylinder, as well as left, right, front & rear brakes to troubleshoot any hydraulic brake system issues
- Direct fit Master Cylinder, Caliper & Brake/Clutch Cylinder adaptors that install straight into the brake line access/bleeder holes
- Checks brake pressure control valves, brake force regulators, pre-pressure valves and determines the pressure difference between left & right as well as front and rear brakes on ABS & non ABS vehicles
- Provided with a broad variety of master and brake/clutch cylinder adaptors
- JIC quick disconnect system for easy connection



Brake & Clutch Cylinder Testing Components			
Contents	Part	Sizes	Qty
	Pressure Gauges	60mm 0-200kg/cm2 (3000PSI)	2
	Teves Adapter Straight	190mm M14 x 1.5	1
	Teves Adaptor 90° Elbow	40mm M14 x 1.5	1
	Pressure Connector Adaptor	70mm M8 x 1.0	1
	45° Swivel Connector Fitting	N/A	2
	90° Swivel Connector Fitting	N/A	2



### Brake & Clutch Master / Caliper / Brake / Clutch Cylinder Adaptors

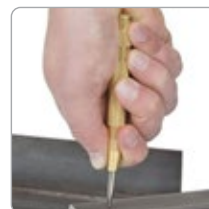
Code	Sizes	Qty	Code	Sizes	Qty
1	M10 x 1.5	2	12	M10 x 1.25	2
2	M10 x 1.0	2	13	M10 x 1.0 Internal Taper	1
3	M7 x 1.0	2	A	M10 x 1.0 External Taper	1
4	M8 x 1.25	2	B	3/8" x 24UNF Internal Taper	1
5	3/8" x 24UNF	2	C	M12 x 1.0 External Taper	1
6	1/4" x 28UNF	2	D	M11 x 1.5 External Taper	1
7	7/16" x 24UNF	2	E	M13 x 1.5 External Taper	1
8	7/16" x 20UNF	2	F	1/2" x 24UNF Internal Taper	1
9	5/16" x 24UNF	2			
10	M8 x 1.0	2			
11	M10 x 1.0	2			

## 130mm Automatic Centre Punch



### PT90140

- Simply press down & accurately mark steel, plastic, wood & more
- The high tension, loaded barrel internal spring structure of this punch provides a strong impact force on steel plate, wood, plastic broken casement & more
- Super quick result that eliminates the need for a hammer to be used
- Simply position the tip on the desired spot to be marked or punched, firmly hold it and press down on the body until the tip & spring mechanism releases
- It can also be used to break vehicle window glass in an emergency
- Knurled, copper-iron alloy body
- Ball bearing chrome-steel punch shaft for extend extended tip life
- Heavy duty punching spring and automatic trigger

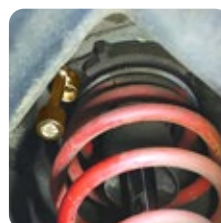


## 13mm Suspension Fixing Nut Top Mount Tool



### PT53703

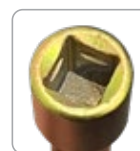
- Easily removes top strut mounts on Audi, Seat, Skoda & VW vehicles
- Specialist tool designed to be used when removing the top of Macpherson strut mounts commonly found on Audi, Seat, Skoda & VW vehicles
- The flexible joint is designed to access the strut mount with minimal effort & allows access into hard to reach areas
- Dual sided socket has both 6pt & 8pt drive heads
- The 100mm handle has a 3/8" square drive base which allows use with a ratchet & 80mm extension



6pt



8pt



3/8" Dr

## Drive Wheel Hub & Bearing Remover & Installer Kit



### PT51073

- Extracts & installs one-piece drive flange bearings in front, rear & awd drive vehicles
- Universal drive wheel hub press that will easily remove & replace one-piece hub bearings, bushes without removing the strut assembly or knuckle from the vehicle
- This removal tool is ideal for tough jobs including seized drive hub bearing assemblies & internal bearings
- The heavy-duty roller thrust bearing combined with the advanced self-centring mechanism increases power & reduces centre screw wear
- A powerful & strong puller bolt combines with a large range of hub adaptors to suit most single bearing hubs
- Clever & specialised design will provide a safer job environment for both the operator & the vehicle

Contents	Ref.	Part	Sizes
	A	Puller/ Pusher Bolt	20mm (15/16")
	B	Thrust Bearing	N/A
	C	Puller Bracket	N/A
	D	Small Horseshoe Adaptor	89mm Arc
	E	Medium Horseshoe Adaptor	99mm Arc
	F	Large Horseshoe Adaptor	120mm Arc

Contents	Ref.	Part	Sizes
	G	Threaded Nut	27mm
	H	Support Plate	95mm
	I	Step Washer	53mm
	J	Step Washer	66mm
	K	Step Washer	65mm
	L	Step Washer	73mm
	M	Step Washer	71mm
	N	Step Washer	78mm
	O	Step Washer	80.5mm
	P	Step Washer	63mm
	Q	Step Washer	59mm
	R	Adaptor Sleeve	110mm
	S	Adaptor Sleeve	100mm
	T	Adaptor Sleeve	94.5mm
	U	Spacer Ring	95mm



Universal Master Kit

FWD	Chrysler, Ford, Honda, Hyundai, Infiniti, Kia, Lexus, Mazda, Nissan, Toyota & VAG
RWD	BMW, Mercedes-Benz & Porsche
AWD	Most models as well as many other vehicles not listed

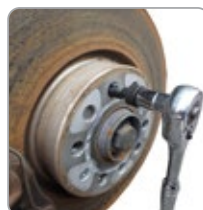
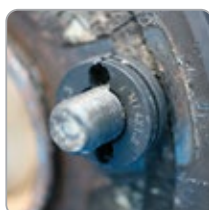


## 8pc Wheel Stud & Hub Bolt Hole Thread Repair Set

### PT41185

- Repairs wheel studs from the bottom up as well as wheel hub bolt holes
- Two-piece, split die stud thread repairers enables restoration of damaged wheel stud threads by starting at the undamaged bottom part of the thread & working upwards
- Eliminates the creation of double threads, which can occur when repairing studs using conventional "top down" thread repair tools, ensuring a superior repair
- Go-through socket adaptor can be used with a 1/2" Dr ratchet or 19mm spanner 12mm head wheel hole repair re-threaders

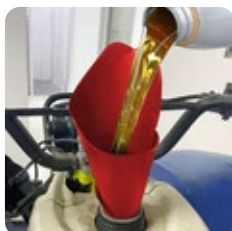
Stud Repairs	Stud Size	Thread Pitch
	M12	1.25
	M12	1.5
	M14	1.5
Wheel Bolt Hole Repairs	Hole Size	Thread Pitch
	M12	1.25
	M12	1.5
	M14	1.5
	M14	1.75



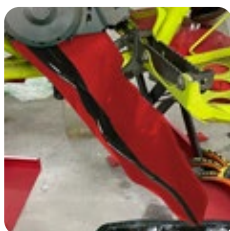
## Flexible Draining & Filling Funnel

### PT53509

- Easily moulded & shaped into the ideal shape for any job
- Manufactured using wear-resistant, durable PVC that provides leak-proof performance
- Designed using an aluminium base that allows this funnel to be formed into any form desired to suit every space that needs draining or filling
- Ideal for use with engine oil, brake fluid, ATF, coolant, as well as other household liquids
- Ideal multi-purpose tool for the workshop or around the home
- Simply wipe clean & store flat or roll it up to fit in any toolbox when not in use
- Length: 370mm
- Width: 170mm



Filling



Draining

## 9pc Ring & Ring Ratchet Spanner Set

### A20P00

- Long & narrow design reaches hard to access areas
- Ultra-smooth ratcheting action
- 72T Ratchet with a 5° sweep
- Long & straight design adds leverage & is ideal for suspension components & other hard to access bolts
- The roll up canvas pouch is ideal protection & stops your tools rubbing on each other, keeping them in pristine condition for longer
- Keeps your tools neat & tidy in your tool chest or box, allowing easy spanner location
- Handy roll-up pouch



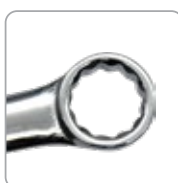
**Cr-V**

#### Sizes (mm)

8	10	12	13	14	16	17	19	22
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72T 5° smooth Action One-way Ratchet



12pt Ring

## AUDI Brake Caliper Socket

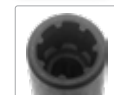
### PT52136

- To suit Audi A5 A6L Q5 & Q7
- Eliminates stripped bolt heads

**40Cr STEEL**



**3/8" Dr**  
**7pt**



## 25pc Crowfoot Flare Nut Spanner Set

### PT10124

- Ideal for nuts or bolts on pipes and in difficult to access areas
- Flat design can avoid protrusions that are obstructing bolt removal
- Flare nut shape grips bolts more securely than open end styles & are excellent for brake & other pipe fittings
- Includes 22 sizes, one flexible bar & two extension bars

**3/8" Drive**



**Cr-V**

**DROP FORGED**



#### Sizes in EVA Tray

METRIC	8	9	10	11	12	13	14	15	16	17	18	19	22
SAE	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"				
Flexible Bar	250mm												
Extension Bars	75 & 150mm												

## Jumbo Bearing Separator

### PT51543

- Effectively extracts large stubborn gears & bearings
- Suitable for most vehicles, including large trucks
- Dual knife edge design ensures secure & speedy pulling & separating
- Can be used in conjunction with two-legged mechanical pullers or hydraulic pullers

**3/8" Drive**



**DROP FORGED**

**40Cr STEEL**

Workable Bearing Size	46 to 230mm
Bolt Length & Diameter	350mm x 22mm
Bolt Thread	M25 x 2.5
Body Bolt Hole	3/4" x 10UNC
Construction	Drop Forged, 40Cr steel

## 46pc Socket, Ratchet & Bits Set

1/4"  
Drive



### A03A00

- Hex & bits socket combinations for all of your smaller fastener needs
- A broad range of 1/4" hex sockets combined with Star, Hex, Phillips, Pizo & Blade Socket Bits are ideal for most vehicle requirements
- Reversible 72T ratchet, solid, flexible & sliding extension bars, socket Driver, universal joint, bits adaptor & hex keys
- Tough enough for use by trades people, as well as enthusiastic home mechanics
- Handy storage case makes it ideal for the workshop or car

Item		Sizes	Item	Sizes
	Ratchet	150mm, reversible, 72 Teeth		4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
	Socket Driver	150mm, 1/4" Hex Drive		T10, 15, 20, 25, 30, 40
	Flexible Extension	150mm, bends up to 30°		3, 4, 5, 6, 7, 8mm
	Sliding Bar	115mm		PH1, 2, 3
	Socket Extension	100mm		4, 5.5, 7mm
	Socket Extension	50mm		PZ1, 2, 3
	Socket Uni-Joint	30mm		
	Hex Adaptor	1/4" Square Dr to 1/4" Hex 30mm		
	Hex Keys	Length: 50mm 1.27, 1.5, 2, 2.5mm		



METRIC

Cr-V

## 27pc Socket Set

1/2"  
Drive



### A03C00

- A broad range of 1/2" hex sockets are ideal for most vehicle requirements
- Reversible 72T ratchet, solid & sliding extension bars, spark plug sockets & universal joint
- Tough enough for use by trades people, as well as enthusiastic home mechanics
- Corrosion resistant mirror finish
- Handy storage case makes it ideal for the workshop or car

Item		Sizes	Item	Sizes
	Ratchet	250mm, reversible, 72 Teeth		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30 & 32mm
	Socket Extension	250mm		16mm / 5/8"
	Socket Extension	125mm		21mm / 13/16"
	Socket Uni-Joint	30mm		Combo 3/8" to 1/2" adaptor & sliding T-Bar adaptor



METRIC

Cr-V