

AT9082A Wheel Axle Drain Pan

1. Easy seat on wheel frame for draining axle oil when repairing.
2. Special designed balance bolts to adjust it for the best position on wheel frame.
3. Optional extra 2 bolt boxes
4. Optional 2 strong magnets on bottom to help stand on wheel frame
5. Capacity: 2.2L



AT4057 Clutch Alignment Tool Set 17pc

1. Essential for clutch installation on virtually all cars and light-duty trucks.
2. Aligns clutch plate properly by using tapered cones and pilot adapters.
3. Includes seven fractional pilot adapters, one clutch disc centering adapter and one alignment shaft.
4. Includes five metric pilot adapters, two clutch disc centering adapters and one alignment shaft.



AT4067 SAC Clutch Alignment Tool Kit

1. For assembling and fitting self adjusting clutches.
2. Used on:
Audi, BMW, Fiat, Mercedes-Benz, Renault, Vauxhall/Opel and Volvo.
3. 48 pieces for ensuring the correct tool is available
4. Use with 3 and 4 fixing points and maintains adaptor ring in correct position.



AT4246 Metric Clutch Alignment Tool

1. For faster, easier replacement or repair of metric clutches.
2. Consists of the shaft, ten pilot bushings and two plate alignment cones with graduated turned diameters for "automatic" fit of metric clutch plates.
3. A tapered cone to fit all others is provided



AT4247 Universal Clutch Alignment Tool Kit 9pc

1. Aligns the clutch disc when replacing the assembly
2. For single plate clutches and for use on flywheels with centre pilot bearing
3. Includes cone adaptor for sizes over 25mm
4. AT4247-01 Metric Size
- Adaptor Sizes: 15/16/17/19/20/21 & 25mm



AT8544 Dual Mass Flywheel (DMF) Measuring Tool Set

1. Suitable for testing of freeplay angle and the clearance on dual mass flywheel (DMF)
2. A checking of the flywheel is recommend because a worn or defective DMF can damage the new clutch
3. Test can be performed directly on the vehicles if the clutch has been removed
4. Includes:
 - 2 different claws for locking the flywheel
 - angular disc with holder
 - dial indicator with holder
 - assembly / measuring bolt
 - twist lever

**AT4150 Universal Clutch Alignment Tool**

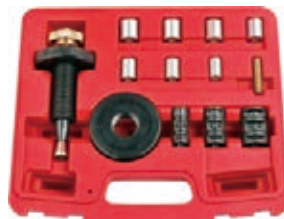
1. Special 39mm 6 point socket wrench fitted with two pins for servicing clutches on motorcycle engines
2. Pin PCD: 59mm
3. Opening Size: 39mm
4. Pin Size: 12mm Round x 2
5. Length: 280mm

**AT4304 BMW Self Adjusting Clutch Tool**

1. Install and set all self adjusting clutches (SAC).
2. Applications:
BMW - E36 / E38 / E39 / E46 / E52 / E53 / E85

**AT3001 Universal Clutch Alignment Tool Kit**

1. Align the clutch disc either relative to the clutch pressure plate or via the pilot bearing relative to the flywheel.
2. The self-centring mechanism ensures the tool is being exactly positioned in the clutch disc hub.

**AT4122 CV Joint Puller Attachment**

1. Suitable for the removal of most car and light commercial constant velocity joints.
2. Use with slide hammer



AT4232 Universal Clutch Alignment Tool Kit 11pc

1. For fast and exact clutch plate centering on vehicles with clutch guide bearing
2. Suitable for most of vehicles
3. Contents:
 - Clutch Aligner $\varnothing 15 - \varnothing 19$ mm
 - Clutch Aligner $\varnothing 20 - \varnothing 26.6$ mm
 - Clutch Aligner $\varnothing 23 - \varnothing 36$ mm
 - Sleeve $\varnothing 12, 14, 15, 16, 17, 18, 19, 20$ mm

**AT4233 Clutch Alignment Tool Kit 7pc**

1. For fast and exact clutch plate centering on vehicles with clutch guide bearing
2. Suitable for Transporter and small lorries with hub $\varnothing 23 - \varnothing 35$ mm, especially Renault.
3. Contents:
 - Clutch Aligner $\varnothing 23 - \varnothing 35$ mm
 - Sleeve $\varnothing 15, 16, 17, 18, 19, 20$ mm

**AT4244 Clutch Centring Mandrels 2pc Set**

1. Two piece set of centring mandrels for clutches.
2. Adjustable from 15-19mm and 20-26mm
3. Knurled screw expands diameter to fit most modern cars

**AT4063 CV Boot Installation Tool Kit**

1. Designed for fast & efficient installation of uni-fit boots on to the CV joint.
2. The metal tip of the cone is for placing in a vise.
3. Apply lubricant to the cone then stretch the boot, to the end of the cone.
4. Finally place over the CV joint to fit boot into place.
5. Length: 16" (410mm)

**AT4077 CV Boot Band Pliers**

1. CV Boot band pliers with 3/8" torque drive for Volkswagen/Audi/Vauxhall/Opel/Ford and others.
2. Fitting stainless steel bands on drive shafts where a torque setting is specified.

**AT4077A 2-Way Heavy Duty CV Boot Band Pliers**

1. With torque drive.
2. For assembly of new stainless steel clamp bands on drive shafts where a torque setting is required.
3. Patent design head, one side for straight bend, the other side for 90 degree bend.



AT4151 Professional CV Joint Boot Installation Tool Air Powered

1. CE Approved
2. Professional tool for stretching of flexible rubber CV boots on automatic drive shaft assemblies
3. When a CV boot or gaiter is split instead of dismantling the front axle and drive shaft assembly, simply use this tool for accurate and time/labor saving.
4. The diameter of CV joints should be in the range of 20mm - 110mm.
5. Installs flexible steering and CV boots without removing axle from the vehicle or the CV joint from the axle
6. Composite body with simple control valve.
7. Suitable for cars/ small vans and light commercial vehicles.
8. Works from a 1/4" BSP inlet attached to the rear end of the tool
9. **Specific Specifications**
 CV joint diameter - 20mm - 110mm
 Working pressure 5 - 8 bar (72-113 psi / 5-8kg/m2)
 Maximum air pressure - 9 Bar (125 psi / 9kg/m2)
 Air inlet 1/4" BSP (standard size)

**AT4151A Air Powered CV Boot Installation Tool**

1. Innovative tool saves time, money and frustration.
2. Installs flexible steering and CVJ boots without removing axle from the vehicle or the CV joint from the axle. No effort and no mess!
3. Save on labour time by up to 70% and prevent damage to CV joint.
4. Composite body with simple control valve works from standard workshop air supply.
5. Suitable for cars, small vans, light commercial vehicles.
6. Material: Aluminum steel
7. Capacity: \varnothing 20-110mm
8. Air supply: Max 9Bar(125psi)

**AT4132 CV Boot Installation Tool**

1. Composite cone with steel core.
2. Enables installation of CVJ boot without splitting drive train.

**AT4133 CV Joint Boot & Hose Earless Clamp Cutter**

1. Offset cutter designed for easy removal of stainless steel CV Joint Clips and hose clamps without damage to the boot or hose
2. Profiled jaws prevents band slipping whilst being cut
3. Maximum Capacity: 0.7mm Thick x 10mm Wide



AT4134 CV Joint Boot/Hose Earless Clamp Pliers

1. Steel jaws with formed handles for extra comfort.
2. Suitable for all earless type CV Joint boot clamps.
3. Length: 235mm

**AT4189 CV Joint Removal Tool - Ø29mm main hole**

1. Quickly removes the CV joint from the drive shaft without damaging the joint, and keeps hands free for releasing retaining circlip.
2. Reduces risk of damage to transmission.
3. Saves on labour time and suitable for vehicles
4. Main hole size for shaft threads: Ø29mm

**AT4040 CV Dust Boot Clamp Installer with Cutter**

1. Essential for fixing CV boots.
2. With a built in cutter and winding mechanism the banding can be tightened and cut quickly and effectively

**AT1128 CV Boot/Hose Clip Pliers - Ear Type**

1. Formed steel arms with insulated vinyl handles
2. Suitable for ear-type hose clips found on fuel, cooling system and vacuum hoses
3. Used for securing CVJ boot clips

**AT4185 CV Joint Boot/ Hose Clamp Pliers Ear Type**

1. Steel jaws with PVC coated handles for added comfort
2. Each handle features a 1/2" Sq drive for use with a torque wrench and breaker bar where vehicle maker demands specific band tensions
3. Suitable for all ear-type CVJ boot clamps/ clips

**AT4601 Drive Shaft Circlip Squeezing Pliers**

1. Easy tool to help user squeezing circlip on drive shaft in seconds.
2. To pre-tension the drive-shaft circlip during assembly of the outer constant velocity joint.
3. By holding the drive-shaft circlip with the special circlip pliers, the outer drive-shaft splines can be easily assembled onto the CV Joint.
4. Applications :
VW-Audi, Ford, Honda, Mazda, Mitsubishi, Nissan, Opel / Vauxhall, Seat, Škoda, Subaru, Suzuki, Toyota, etc.



AT4226 Front End Service Tool Set 5pc

1. Allows easy removal of most popular types of pitman arms, tie rods, and ball joints.
2. Press type ball joint separator allows for ball joint removal without damage to boots and other parts.
3. Content:
 - Pitman Arm/ Tie Rod End Puller
 - Ball Joint Separator
 - Pitman Arm Puller
 - Ball Joint/ Tie Rod End Remover
 - Tie Rod/ Inner Bearing Race Puller

**CT4019 Knuckle Spreader Tool (Pat.)**

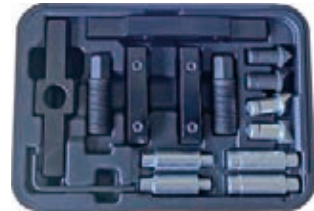
1. Material: Cr-Mo Steel
2. Application:

Expansion of the spring strut and ball joint mounting (separating the spring strut from the wheel bearing housing)

 - Large spreading range enables universal use
 - Parallel pressure surfaces prevent the tool from accidentally popping out or slipping off
 - Output: parallel pressure surfaces
 - Spreading range: 5.0 – 11.5 mm
 - Counterholding with s 17 possible

**AT4277 Universal Knuckle Spreader Master Tool Kit**

1. Suitable for removal and installation of spring and shock strut from steering knuckle.
2. Prevents expensive damage to aluminium or cast iron steering hubs.
3. For spreading the clamp on lower ball joints.
4. Wide range of vehicle applications.

**AT4191 Suspension Bush Tool -Volkswagen Polo 2002**

1. Special tool for replacing the front suspension bushes on Volkswagen Polo from 2002 onwards.
2. Replacements are available for the Bolt and Bar which are considered consumable.

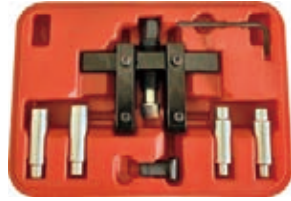
**AT4299 Steering Knuckle Spreader Tool for Audi / VW**

1. Spread the steering knuckle
2. Enable the removal and refitting of shock absorbers without the risk of damage to the aluminium or cast iron knuckle
3. Suitable for steering knuckles with either a centralised slot or a non centralised slot.
4. Applications: Strut clamping bores on - Audi, VW



AT4301 Universal Knuckle Spreader Tool Kit

1. This product is used to spread the steering knuckle to enable the removal and fitting of shock absorbers without the risk of damaging the aluminum or cast iron knuckle
2. The tool is adjustable and suitable for steering knuckles with either a centralized slot or a non centralized slot
3. Therefore it can work on a wide range of vehicles including Audi/BMW/Citroen/VW Golf/Passat/Ford/Skoda/Seat/Renault/Peugeot/and many Japanese vehicle

**AT4051 Rear Bush Tool - Ford Focus**

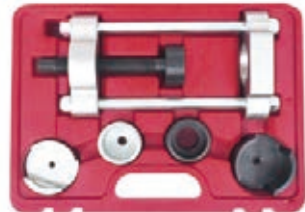
1. Remove/install rear sub-frame bushes on Ford Focus
2. Can be used in-situ-no need to remove sub-frame from vehicle
3. Applications: Ford: Focus MK 11998~2004

**AT4052 Bush Removal Tool- Ford Mondeo**

1. Removal/Install rear sub-frame bushes in Mondeo.
2. Can be used in situ- no need to remove sub-frame from vehicle.
3. Applications : Ford ; Mondeo (2001 on)

**AT4043 Ball Joint Installation Removal Tool Kit-BMW 3 series**

1. Professional quality suspension ball joint removal/ installation kit for BMW 3 Series
2. Specifically designed for removal / installation of ball joints on BMW 3 Series incl. E36, M3, Z3
3. Enables the ball joint to be removed without having to remove the suspension arms from the vehicle
4. Exchangeable yokes for multipurpose use
5. Includes all necessary adapters and simple hydraulic ram action
6. Can also be used for hydro and plastic bushes
7. Measurements of drifts from left to right external/internal 62/50mm→ 50/40mm→ 49/40mm→ 68/57mm

**AT4195 Subframe Bush Remover - Ford Mondeo**

A specially designed tool for removing and installing the rear subframe on Ford Mondeo



AT4236 8pc VW Polo Bush Extractor Kit

1. The removal and replacement of the silent bloc placed in dir bracket is easily and safely carried out directly on vehicle
2. Applications:
VW Polo 9N, Seat Ibiza 4, Seat Cordoba (2002), Seat Altea, Skoda Fabia, Skoda Roomster and Audi A2 front-axle bracket wishbone silent blocs

**AT4377 4pcs Subframe Locating Pin Set**

1. 4 locating pins for precisely aligned mounting of the subframe
2. M12 compatible with VW Scirocco (09), EOS(06), Golf(09), Golf Plus(05), Jetta(4-06), Polo(02), Fox(06), Passat(06), Passat CL(09), Audi A3(04), TT(07) & A4(01)
3. OEM : T10096

**AT4044 Track Control Arm Bush Tool - VAG**

1. This tool is designed for the front wishbone rear bush (Console bush).
2. Volkswagen Polo, Fox, Seat Cordoba, Seat Cordoba, Skoda Fabia - All 02-07 Seat Ibiza 02 onwards after Chassis 6K-2-000 001)
3. OEM Ref T10030, 3301, 473, T30035.
4. Bar is manufactured from high tensile steel.
5. Fine pitch thread with thrust bearing enables the rear bush to be removed from the front track control arm

**AT4053 Bush Removal Tool - Renault Laguna**

1. Remove/Install front mounting bushes in Laguna rear sub-frame
2. Can be used in situ - no need to remove sub-frame from vehicle
3. Applications: Renault; Laguna (2001-2007)

**AT4055 Fuel & Injection Line Clamp & Stopper Kit**

1. Use on rear trailing arm bushes (33321097009) as fitted to BMW 3 series models - E36 E46 & E46 Compact models
2. Suitable for removing original bushes, removing & installing new "SLOTTED" bushes - in situ without removing the rear trailing arm
3. Removed/inserted without removing trailing arm from vehicle



AT4060 Rear Subframe Bush Tool - BMW E395 series

1. This product is used to spread the steering knuckle to enable the removal and fitting of shock absorbers without the risk of damaging the aluminum or cast iron knuckle
2. The tool is adjustable and suitable for steering knuckles with either a centralized slot or a non centralized slot
3. Therefore it can work on a wide range of vehicles including Audi/BMW/Citroen/VW Golf/Passat/Ford/Skoda/Seat/Renault/Peugeot/and many Japanese vehicle

**AT4062 Rear Ball Joint Installation/Removal Tool - BMW 5 & 7 series**

1. For in-situ to remove & install rear press fit ball joints as used on BMW 5 series (E39) and 7 series (E38) models - OEM # 33326767748
2. Used with ratchet wrench or spanner

**AT4066 Rear Subframe Bush Tool - BMW X5**

For use on rear axle carrier bushes (33311093662) as used on BMW X5 series models

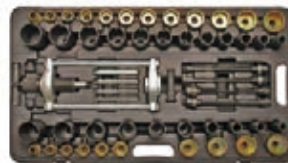
**AT4086 Rear Axle Bush Tool - Ford Fiesta IV**

1. Remove/install Fiesta IV rear axle mounting bushes
2. Can be used in situ - no need to remove trailing link assembly from vehicle
3. Application: Ford Fiesta IV (1996 on).

**AT4230 Universal Press Tool Kit with Hydraulic Spindle and Press Frame**

1. Suitable for most of European & Japanese cars
2. Allows quick, easy and safe extraction and replacement in bushing, bearings & seals, etc.
3. Contents:

- 1 - Hydraulic Spindle
- 1 - Press Frame
- 4 - Pulling Spindle
- 4 - Fixing Spindle
- 1 - Connect Bush
- 2 - Point Bush 28 & 95mm long
- 22 - 110mm long Press Sleeve
- 22 - 40mm long Press Sleeve



AT4231 Bearing, Bush Removal/Insertion Tool Kit 27pc

1. Comprehensive kit for fast and effective in-situ removal/installation of wheel bearings, suspension bushes and seals
2. Reduces the possibility of damaging the bearing/suspension housings.
3. Supplied with twenty two adaptors from 44 to 90mm and five force screws in carry-case
4. Adaptors can also be used in a standard workshop press when in-situ access isn't possible
5. Adaptor Wall Thickness: 5mm
6. Adaptor Height: 60mm
7. External Adaptor Diameter: 44, 46, 48, 50, 52, 54, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 85, 90mm
8. Force Screw Threads: 10x1.5, 12x1.5, 14x1.5, 16x1.5, 18x1.5mm
9. Force Screw Length: 350mm
10. NEVER ALLOWED FOR USING IMPACT TOOLS

**AT4231A Bearing/Bush Removal/Insertion Tool Kit 25PCS**

1. Adaptor wall thickness: 5mm / Height: 60mm
2. External adaptor dia.: 44-90mm
3. Threaded bar sizes: M10/ M12/ M14/ M16/18
4. Not for impact tools

**AT4031 Pitman Arm Puller**

1. Adjustable with special replaceable forged jaws
2. Two clamp bolts lock jaws on Pitman arm
3. Can perform other pulling jobs
4. Services cars and light trucks to 3/4-ton

**AT4031A Heavy-Duty Duty Pitman Arm Puller**

1. Works on 2005 and newer Ford F-250 and F-350 four-wheel-drive Super Duty trucks
2. Allows Pitman arm to be removed from the steering gear while the steering gear is still in the vehicle
3. Two clamp bolts lock the jaws on the Pitman arm, ensuring a solid grip
4. Maximum jaw spread is 3-1/4"



AT4038 Pitman Arm Puller

1. 3/8in.-drive square port in center screw
2. 1-5/16in. (33mm) opening
3. 2-1/2 in. (63mm) pull travel

**AT4061 Pitman Arm/Tie Rod End Puller**

1. Be used as a Pitman arm remover for many rear wheel drive on most of vehicles, or as a tie rod end puller for vehicles
2. The jaws, with a spread of 1", give a positive grip in tight work places

**AT4090 Tie Rod/Pitman Arm Adjusting Set**

1. Consists of one Pitman arm and four tie rod tools.
2. Used with 1/2" drive ratchet or breaker bar.
3. Set includes four tie rod adjusting tools for compact cars with 3/4" dia.
4. The cars with 7/8" dia. light cars with 1-1/8" dia.
5. Adjusting sleeves and Ford 3/4&1 ton trucks with 1-13/16" dia.
6. Adjusting sleeve, one Pitman arm adjusting tool for Ford cars with 1-7/16" dia.

**AT4295 Track-Rod Adjusting Tool**

1. For loosening and adjusting stubborn Track-Rods.
2. The broad serrated jaws prevent damage to the Track-Rod
3. **AT4295-01** Adaptor for Track-Rods \varnothing 9-23mm
AT4295-02 Adaptor for track-rods \varnothing 40-55 mm.

**AT4435 18" Track Rod Adjusting Wrench**

1. Track rod adjusting wrench suitable for adjusting track rods, as well as for general
2. Length:18"(45cm)
3. Pipe diameter:28mm
4. Clamp head thickness:25mm
5. Jaw adjustment range: Max 45mm
6. With TPR handle
7. Material : 45# Carbon steel

**AT4239 Wishbone Lever Tool**

1. Push down the wishbone and other suspension parts, e.g. during disassembly of the drive shaft, and replacing the gaiter or exchange of wheel bearing
2. After loosening the ball joint the wishbone must in most cases be pushed down against the bush or stabilizer tension, in order to pull the joint from the support



AT4007 Bush Installer/Remover Tool Kit

1. Intended for rapid removal/installation of Vauxhall/ Opel Vectra (95-02) upper and lower rear trailing arm bushes.
2. Bushes are quickly pressed in or out with tool and a 19mm ratchet wrench
3. Application: Vauxhall/Opel; Vectra (95-02)



AT4011 Universal Ball Joint Separator

1. Special designed for removing the ball pivots on steering arms, steering rocks, steering knuckles. etc.
2. Jaw Capacity: 30mm (1-3/16")



AT4013 Ball Joint Remover

1. Chrome-plated finish drop-forged steel body with thrust bolt.
2. Suitable for most small cars and light vans.
3. Jaw Capacity: 19mm



AT4014 Ball Joint Removal Tool

1. Chrome-plated finish drop-forged steel body with thrust bolt
2. Suitable for small cars and light vans
3. Jaw Capacity: 17mm



AT4016 Coil Spring Compressor 2pcs

1. Maximum Jaw Opening : 270mm
2. Carbon steel, hardened lead screws and cast jaws.
3. This coil spring compressor uses twin prongs and works at a pressure up to 1100kgs.



AT4018 Ball Joint Separator - Scissor Type

1. More adjustable than existing products.
2. Ideal for splitting track rod ends, anti-roll bar mountings
3. Scissor type heavy duty
4. Wider range for track rod ends
5. AT4018-01 - Jaw Capacity: 18mm
AT4018-02 - Jaw Capacity: 20mm
AT4018-03 - Jaw Capacity: 22mm
AT4018-04 - Jaw Capacity: 32mm
AT4018-05 - Jaw Capacity: 45mm



AT4029 Ball Joint Separator -Two Step Adjustable

1. Use to separate the ball joint from the spindle support arm.
2. Works on most of vehicles
3. Adjustable from 50mm to 80mm for different size
4. Jaw Capacity:18 - 24mm
5. Working Area Pusher:50 - 80mm

**AT4030 Ball Joint Separator - Two Step Adjustable**

1. Separate the ball joint from the spindle support arm.
2. Works on most of vehicles
3. Adjustable from 30mm to 50mm for different size
4. Ball Joint Separator - Two Step Adjustable
5. Jaw Capacity:18 - 24mm
6. Working Area Pusher:30 - 50mm

**AT4081 Ball Joint Removal Set 3pc**

1. Low profile set suitable for most modern vehicles.
2. Three sizes of jaw allow use on most cars and light commercial vehicles.
3. Features heavy-duty forged steel body and hardened screw with thrust ball.
4. Supplied in carry-case.
5. AT4081-01 Jaw Capacity: 23mm
AT4081-02 Jaw Capacity: 28mm
AT4081-03 Jaw Capacity: 34mm

**AT4017 Ball Joint Tie Rod End Remover**

1. Use on most of autos and light trucks to remove ball joint from connecting links.
2. Constructed of drop-forged steel for long-lasting strength and durability.
3. AT4017-01- Fork size: 19mm (16"),Length: 400mm
AT4017-02- Fork size: 24mm (12"),Length: 300mm

**AT4118 Master Ball Joint Separator Set 5pc**

1. Contents & Sizes:
 - 1 - Length: 295mm(11-5/8"); Opening: 28.5mm(1-1/8")
 - 1 - Length: 295mm(11-5/8"); Opening: 41.3mm(1-5/8")
 - 1 - Length: 295mm(11-5/8"); Opening: 36.6mm(1-7/16")
 - 1 - Length: 395mm(15-9/16"); Opening: 18mm(11/16")
 - 1 - Length: 395mm(15-9/16"); Opening: 24mm(15/16")
2. Separating most types of pitman arms, tie rods and ball joints found on automotive and light truck applications
3. Complete coverage set featuring five different sizes, including separators for late model vehicles pickups



AT4205 BMW Ball Joint Separator 24mm

1. For splitting track-rod end, anti-roll bar mountings, ball joints.
2. Fits most models BMW, especially in confined space conditions like on BMW (E39).

**CT4011 Ball joint separator**

Description:

1. Forged steel body and lever provide an excellent performance and long
2. Usage: This press segregates the lower control arm ball joint from the steering knuckle.
3. Jaw open: 60mm.
4. Works on many Ford, Lincoln.
5. Works on Mercury Milan model years 2006, 2007, 2008, 2009, 2010, and 2011.
6. Works on Mercury Montego model years 2005, 2006, and 2007.

**AT4015 Ball Joint Separator Kit 5pc**

1. Interchangeable shafts for use with ball pein hammer or air hammer
2. Three forged steel forks
3. Suitable for most small cars and light commercials
4. Set Includes: - Tie Rod Spreader /18mm
- Ball Joint Separator / 24mm
- Pitman Arm Wedge / 29mm

**AT4278 Quick-change Ball Joint Remover Kit**

1. Innovative quick change and simple action for suitable fork
2. Enable operator to select correct jaw size without taking entire extractor to the vehicle
3. Adjustable opening angle
4. Jaw opening: 20, 22, 24, 27,30 mm
5. Thrust Screw Length: 100 mm
6. Pivot Rod Length: 125 mm

**AT4285 Ball Joint Separator, 4 Position Adjustable**

1. Professional ball joint separator with 4 position, adjustable lever.
2. Hardened & tempered drop-forged steel with chrome plated.
3. Lever adjustment in 24, 30, 40, 45 mm
4. Jaw opening: 20 mm
5. Total length: 165 mm



AT4216 Hydraulic Ball Joint Separator, 8 Ton

1. Hydraulic ball joint separator
2. Size of Jaw:
Opening= 56mm, Width= 22mm, Depth= 30mm
3. Forged body from alloy steel
4. Capacity of jaw: 8 ton Max.

**AT4258 Hydraulic Hgv Ball Joint Separator (36mm)**

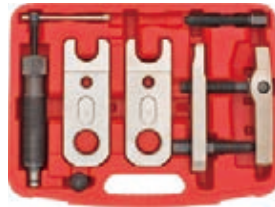
1. For separating HGV ball-joint.
Strengthened fork and lever allows for greater force to be applied.
2. Jaw opening capacity: 70mm ; Jaw width: 35mm
3. Patented Hydraulic ram provides max. 12 tons.

**AT4258-01 Hydraulic HGV Ball Joint Separator**

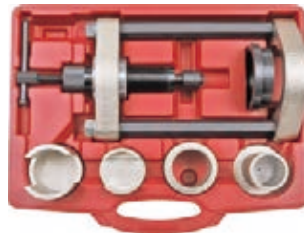
1. Jaw Width:36mm
2. Opening Capacity:70mm
3. 12Ton.

**AT4273 Ball Joint Splitter Hydraulic/Manual - HGV**

1. With a hydraulic ram and jaws manufactured from chromemolybdenum forged steel for strength
2. Supplied in a blow moulded case for storage
3. Jaw sizes: 30mm/34mm/40mm

**AT4276 Hydraulic Ball Joint Installer/Remover Kit - BMW**

1. Essential time and money saver, remove and install press-fit control arm ball joints on BMW 3 Series E36 vehicles
2. Use in situ, there is no requirement to remove the control arm from the vehicle
3. Includes:
 - Hydraulic ball joint press frame (OEM 31 1 441)
 - 2pc Removal tools (OEM 31 1 445/6)
 - 2pc Installation tools (OEM 31 1 447/8)



AT4102 Commercial Vehicle Ball Joint Remover 30mm

1. Commercial vehicle ball joint extractor use on light trucks.
2. Suitable for :
BMW (E39), Mercedes-Benz W203 / W211 / W210 / W220 / W221
3. Can also help with the removal of the Track Rod End
4. Arm and light truck ball joints
5. Size: 30mm



AT4113 Pin Wrench Tool ½" Drive - Mercedes M-Class

1. To secure the retaining ring during R&R of ball joints
2. Applications:
Mercedes Benz W163/W164 M-Class lower ball joint of front & rear axles



AT4114 Ball Joint Removal/Installation Tool Set

1. Removes and installs press-fit parts such as ball joints, universal joints, and truck brake anchor pins
2. Contains:
 - 1- Cframe press
 - 1- Installing adaptor
 - 1- Removing adaptor
 - 3- Receiver tubes:
2-3/4" I.D. x 3" O.D.; 2-1/4" I.D. x 2-1/2" O.D.;
1-3/4" I.D. x 2" O.D



AT4139 Universal Ball Joint Remover - 18mm

1. The jaw can be aligned by a targeted hammer blow
2. Stud and spindle recess in the pressure arm provide a good hold
3. Capacity: 18mm
4. Working area pusher: 0 - 37mm



AT4140 Universal Ball Joint Remover - 20mm

1. Special steel for removing the ball pivots on steering arms, steering tie rocks, steering knuckles, etc.
2. Jaw capacity: 20mm.



AT4035 Mercedes Ball Joint Remover/Installer Kit

1. Special designed ball joint remover installer for Mercedes Benz.
2. 25 Ton C-frame press for removing and installing the ball joint into the steering knuckle on Mercedes Benz vehicles.
3. Puller Length: 10" (255mm)
4. Application: W220 S Class



AT4224 Ball Joint Extractors

1. For quickly and easy separation of ball joint connections
2. **AT4224-01** - Opening: 18mm
AT4224-02 - Opening: 23mm
AT4224-03 - Opening: 29mm
AT4224-04 - Opening: 40mm
AT4224-05 - Opening: 46mm

**AT4047 Lower Ball Joint Remover / Installer for Mercedes**

1. Designed for Mercedes-Benz W220/W211/W230
2. Removes and installs the lower ball joints whilst in-situ without removing parts
3. For extraction and installation
4. Applications: Mercedes-Benz W220/W211/W230

**AT4094 Master Ball Joint Adapter Set**

1. Includes receiver tubes and removing installing adapters needed to work on most GM, Ford, and Dodge two-and four-wheel drive vehicles, through 1997.
2. Works on press-fit upper and lower ball joints.
3. Set also includes a live centre forcing screw plug.

**AT4121 Lower Ball Joint Socket Peugeot 405/Citroen**

1. 35mm Hex drive with \varnothing 19mm internal clearance for OEM and non OEM fittings.
2. \varnothing 50mm Ring with drive pegs which locate in slots in the ball joint flange.
3. Suitable for Peugeot 405 and Citroen lower ball joints.

**CT4018 Lower Ball Joint Socket (Peugeot/Citroen)**

1. 38mm Hexagon drive
2. \varnothing 60mm ring with drive pegs which locate
3. Suitable for removal of OEM and aftermarket lower ball joint on Peugeot/ Citroen.

**AT4124 Lower Ball Joint Socket Set 2pc**

1. Set of two heat treated alloy steel sockets.
2. Suitable for removal of OEM and aftermarket lower ball joints on Peugeot and Citroen vehicles.
3. Applications:
 Peugeot; 405, 406, 407, 605,607, Citroen; Xantia,C5, C6



CT9002 Air Suspension Pressure Valve Socket

1. Material: Cr-V Steel
2. Drive :1/4"Dr.
3. 2 pins for castellated air valve socket
4. Application:
Audi Q7 (2002-2010), Porsche Cayenne(2003-2010),
VW Touareg



AT4203 VAG Front Wheel Bearing Removal - 72mm

1. Good for damage-free fitting and removal of GEN2 bearings units on all common VAG vehicles from Audi, Seat, Skoda and Volkswagen.
2. Bearing size: 72 mm
3. Suitable for: Audi A1 (from year 2011) ,
Audi A2 (built after 2000) , Seat Ibiza (from 2002)
4. Contents:
High strength ball bearing fitted spindles, 1
Pressure plate with 8 holes (122 mm in diameter, 18 mm in width)



AT4005 Wheel Bearing Extractor Kit

1. Comprehensive kit of tools for the fast and effective removal and installation of wheel bearings, installing hub on most of vehicles
2. Drift Sizes :
34, 35, 37, 39, 40, 41, 42,45, 60, 62, 64, 66,
68,72,74, 80, 82 & 84mm



AT4042 Seal Driver Set 18pc Composite

1. Set of nine aluminum bearing and seal drivers.
2. Suitable for straight installation of bearing race without damage to the bearing race or axle housing.
3. Fits most popular bearing race sizes.
4. Contents:
39.5, 44.5, 50, 59, 63, 65, 72, 76, 81mm Drivers



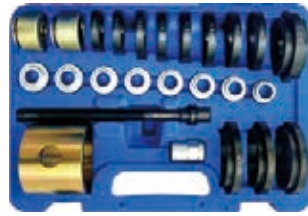
AT4034 Bearing Race & Seal Driver Set 10pc

1. Set of assorted seal drivers suitable for installation of seals without damage
2. Includes three hooded drivers for seals with dust shields
3. Contents: Driver Sizes :
Flat; 33, 38, 41, 43, 49, 52, 54, 61.5, 65, 69.5, 76, 82, 85mm,
Hooded; 62, 69.5, 88.5mm
Driver Plate, Driver



AT4084 Master Wheel Bearing Tool Set

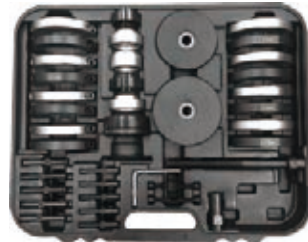
1. Suitable for wheel bearing diameter from $\varnothing 60\text{mm}$ - $\varnothing 85\text{mm}$
2. For the precision & quick of removal and replacement of wheel bearing
3. Prevent damage to new wheel bearing, as the press pieces enable safe and accurate centering and alignment when changing wheel bearing
4. Suitable: VW/Audi, Seat, Ford, BMW, etc.

**AT4097 Wheel Bearing Removal Tool Kit**

1. Comprehensive kit of tools for the fast and effective removal and installation of wheel bearings on front-wheel drive vehicles
2. Reduces chances of damage to hub and bearing
3. Suitable for removing and installing large industrial bearings
4. Drive Shaft: 32 & 38mm
5. Drift Sizes \varnothing : 50, 55, 60, 64, 67, 70, 72, 74, 75, 78, 82, 84, 88mm

**AT4267 Master Tool Set for Wheel Bearing - For $\varnothing 62/\varnothing 66/\varnothing 72/\varnothing 85\text{mm}$**

- Supplementary Set $\varnothing 62\text{ mm}$
Application: VW Lupo, AUDI A2 1.21
- Supplementary Set $\varnothing 66\text{ mm}$
Application: VW Polo, SKODA Fabia
- Supplementary Set $\varnothing 62\text{ mm } \varnothing 66\text{ mm}$
Application: VW Lupo, AUDI A2 1.21
VW Polo, SKODA Fabia
- Supplementary Set $\varnothing 72\text{ mm}$
Application: VW Polo, SKODA Fabia
- Supplementary Set $\varnothing 85\text{ mm}$
Application: VW T5 (front axle) and Touareg with 16 inch chassis
- Supplementary Set $\varnothing 72\text{ mm } \varnothing 85\text{ mm}$
Application: VW Polo, SKODA Fabia, VW T5 (front axle) and Touareg with 16 inch chassis

**AT4268 Wheel Bearing Remover/Installer Kit - For $\varnothing 78\text{mm}$ Bearing**

1. Special design for cars with $\varnothing 78\text{mm}$ wheel bearing
2. Applications: Volvo



AT4010 Front Wheel Drive Bearing Kit

1. Installation and removal of front hub bearings without the need to dismantle the steering knuckle and strut assembly
2. Suitable for most front wheel drive cars
3. Heavy-duty steel drifts with black phosphate finish for corrosion resistance
4. Drift Sizes \varnothing :
55.5, 59, 62, 65, 66, 71.5, 73, 78, 84, 86, 91mm
5. Hub Screws (3pc each): M12 x 1.5, M14 x 1.5mm

**AT4316 Wheel Bearing Remover/Installer Kit**

1. For removing and installing the wheel hubs or bearing of built-in parts on cars.
2. For 62mm Diameter Bearing
3. Applications: VW/Audi, Skoda

**AT4317 Wheel Bearing Remover/Installer Kit**

1. For removing and installing the wheel hubs or bearing of built-in parts on cars.
2. For 66mm Diameter Bearing
3. Applications: VW/Audi, Skoda

**AT4318 Wheel Bearing Remover/Installer Kit**

1. For removing and installing the wheel hubs or bearing of built-in parts on cars.
2. For 72mm Diameter Bearing
3. Applications: VW/Audi, Skoda, Seat

**AT4319 Wheel Bearing Remover/Installer Kit**

1. For removing and installing the wheel hubs or bearing of built-in parts on cars.
2. For 85mm Diameter Bearing
3. Applications: VW T5 and Touareg



AT4320 78mm Front Wheel Bearing GEN2 Removal/Installation Kit

1. Designed for the second generation of wheel bearing found on modern vehicles.
2. These bearings are lightweight with an integral mounting flange.
3. They are also pre-loaded with a retaining ring that secures the bearing into the housing.
4. Suitable to be used in situ when replacing the front wheel bearings.
5. Supplied in storage case.
6. Application(s):
Ford; C-Max (07-11), Focus II (04-11), Focus C-Max (03-07), Mazda; 3 (03-05), Volvo; C30 (06-10), C70 (05-10), S40 (04-12), V50 (04-10)



AT8027A Blind Bearing Removal Tool Kit - Small

1. Suitable for removal of a variety of blind bearings where traditional bearing and gear pullers will not reach
2. Ball-end tips fit inside bearing races to provide traction for bearing extraction
3. Ideal for a wide variety of bearing sizes
4. Bearing Applications:
6004-6010; 6201-6206; 6300-6302



AT8027B Blind Bearing Removal Tool Kit - Medium

1. This special pullers will remove blind housing bearing without the need to dismantle machinery or move the running shaft
2. Bearing Applications:
6207 - 6211; 6305 - 6308; 6403 - 6405



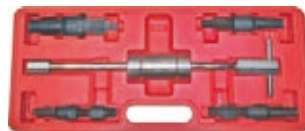
AT8027C Blind Bearing Removal Tool Kit- Large

1. Specification: Adjust range:56mm-220mm
2. Bearing range:
(1)6021 to 6032-15/17.4/20mm
(2)6212 to 6230-15/17.4/20/25.2mm
(3)6309 to 6321-17.4/20/25.2/30/36.4mm
(4)6406 to 6417-15/17.4/20/25.2/30/36.4mm



AT8033 Blind Bearing Puller Set 5pcs

1. Fully chromed carbon steel medium stroke slide hammer
2. 383mm overall length with 0.9kg hammer
3. Bearing extractor collets made from Chrome - Molybdenum steel
4. Collet Diameter:
10-14mm,15-19mm,18-25mm,25-32mm



AT4282 Adjustable Wheel Bearing Lock Nut Tool

1. Universal fitting, suitable for removing adjustable wheel bearing lock nuts found on commercial vehicles
2. Use with hexagonal and octagonal lock nuts those with or without locating pins

**AT4155 Universal Twin Leg Pullers**

1. Adjustable and reversible for internal and external pulling applications
2. **AT4155-01** - Spread: 90mm / Reach: 100mm
AT4155-02 - Spread: 130mm / Reach: 100mm
AT4155-03 - Spread: 160mm / Reach: 150mm
AT4155-04 - Spread: 200mm / Reach: 150mm
AT4155-05 - Spread: 250mm / Reach: 200mm

**AT4156 Quick-Release Universal Twin Leg Pullers**

1. For the safe and quick removal of pulleys, wheels, ball bearings, etc.
2. **AT4156-01** - Spread: 90mm / Reach: 100mm
AT4156-02 - Spread: 130mm / Reach: 100mm
AT4156-03 - Spread: 160mm / Reach: 150mm
AT4156-04 - Spread: 200mm / Reach: 150mm
AT4156-05 - Spread: 250mm / Reach: 200mm

**AT4157 Universal Triple Leg Pullers**

1. Exchangeable legs for several clamping reaches available as accessories
2. Reversible legs for internal or external pulling
3. **AT4157-01** - Spread: 90mm / Reach: 100mm
AT4157-02 - Spread: 130mm / Reach: 100mm
AT4157-03 - Spread: 160mm / Reach: 150mm
AT4157-04 - Spread: 200mm / Reach: 150mm
AT4157-05 - Spread: 250mm / Reach: 200mm

**AT4158 Quick-Release Universal Triple Leg Pullers**

1. For the safe and quick removal of pulleys, wheels, ball bearings, etc.
2. **AT4158-01** - Spread: 90mm / Reach: 100mm
AT4158-02 - Spread: 130mm / Reach: 100mm
AT4158-03 - Spread: 160mm / Reach: 150mm
AT4158-04 - Spread: 200mm / Reach: 150mm
AT4158-05 - Spread: 250mm / Reach: 200mm



AT4159 Quick Action Gear Puller 2 & 3 Leg

1. Twin/triple leg yoke with three drop-forged, Chrome Vanadium steel legs
2. Legs may be used for internal or external pulls
3. Spring-loaded mechanism allows fast leg changes
3. Removable thrust plate prevents damage to shaft end
4. **AT4159-01** - Spread: 75-100mm / Reach: 90mm
AT4159-02 - Spread: 75-175mm / Reach: 140mm

**AT4160 Two-Leg Reversible Pullers**

1. Twin leg puller with reversible, drop-forged, CR-V steel legs
2. Heat treated for added strength and chrome plated to resist corrosion
3. **AT4160-01** - Spread: 75mm / Reach: 65mm
AT4160-02 - Spread: 100mm / Reach: 112mm
AT4160-03 - Spread: 150mm / Reach: 175mm
AT4160-04 - Spread: 200mm / Reach: 260mm

**AT4161 Triple-Leg Reversible Pullers**

1. Triple leg puller with reversible, drop-forged, CR-V steel legs
2. Heat treated for added strength and chrome plated to resist corrosion
3. **AT4161-01** - Spread: 75mm / Reach: 65mm
AT4161-02 - Spread: 100mm / Reach: 112mm
AT4161-03 - Spread: 150mm / Reach: 175mm
AT4161-04 - Spread: 200mm / Reach: 260mm
AT4161-05 - Spread: 250mm / Reach: 280mm

**AT8025 Universal Twin/Triple Arm Puller Set**

1. Hardened & tempered chrome-vanadium steel
2. With pulling legs for narrow spaces in different lengths
3. Contents:
 - 1pc - Twin Arm Yoke (Reach 25-130mm)
 - 1pc - Triple Arm Yoke (Reach 25-130mm)
 - 3pc - Pulling Legs (200mm)
 - 1pc - Forcing Screw(M14x1.5x140)

**AT8026 Universal Twin Arm Puller Set - 100/200/250mm**

1. With pulling legs for narrow spaces in different lengths
2. Hardened & tempered chromevanadium steel
3. Contents:
 - 1pc - Twin Arm Yoke (Reach 25-130mm)
 - 2pc - Pulling Legs (100mm)
 - 2pc - Pulling Legs (200mm)
 - 2pc - Pulling Legs (250mm)
 - 1pc - Forcing Screw(M14x1.5x140mm)



AT8028 Twin/Triple Arm Puller Set - 200mm

1. For puller off washers, gears or ball bearings.
2. These twin/triple arm universal pullers can be used as internal or external pullers.
3. The extremely narrow hooks feet are necessary for gearbox repairs if pullers with conventional hooks cannot be inserted for space reasons.
4. Contents:

3pc-100mm Pulling Legs, 1pc-Twin Arm Yoke, 1pc-Triple Arm Yoke, 1pc-Forcing Screw.

**AT8032 Micro Bearing Puller**

1. Applications:
alternators, generators, domestic appliances,
power tools and pumps
2. Self centering
3. Capacity: 1 ton
4. Spread: 19mm~45mm
5. Reach: 73mm

**AT8041 Twin/Triple Arm Puller Set**

Contents:

- 1pc - Twin Arm Yoke (Reach 25-130mm)
- 1pc - Triple Arm Yoke (Reach 25-130mm)
- 2pc - Pulling Legs (100mm)
- 2pc - Pulling Legs (200mm)
- 2pc - Pulling Legs (250mm)
- 1pc - Forcing Scre w(M14x1.5x 140mm)
- 1pc - Forcing Scre w(M14x1.5x 210mm)

**AT8059 Universal Twin Arm Puller Set**

Contents :

- 1x Twin Arm Yoke (Reach 25-130mm)
- 1x Pulling Legs (100/200/250mm),
- 1x Forcing Screw (M14x1.5x140mm)

**AT8072 Universal Twin-Leg Pullers**

- AT8072-01**- Spread: 15-80mm / Reach:100mm
- AT8072-02**- Spread: 15-120mm / Reach: 100mm
- AT8072-03**- Spread: 20-160mm / Reach: 150mm
- AT8072-04**- Spread: 20-200mm / Reach: 150mm
- AT8072-05**- Spread: 40-250mm / Reach: 200mm
- AT8072-06**- Spread: 40-350mm / Reach: 200mm



AT8073 Universal 2-Arm Puller with Clamping Yoke

1. For the removal of steering arm gears, ball bearing, etc.
2. Clamping device will press legs securely behind parts to be withdrawn
3. Especially for extracting the inner bearing ring at VW-Audi cars
4. Capacity: 90mm
5. Reach: 100mm



AT8074 Universal Twin-Arm Pullers

1. Ideal for confined spaces
2. Legs are adjustable in the working depth

Item Number	Capacity	Reach	Width of Legs
AT8074-01	6-100mm	70/85mm	23mm
AT8074-02	10-140mm	85/120mm	31mm
AT8074-03	15-140mm	125/155mm	31mm



AT8076 Triple Leg Self-Gripping Pullers

1. Special self-gripping puller with slim legs
2. Can be used with slide hammer

Item Number	Spread	Reach
AT8076-01	10-80mm	90mm
AT8076-02	10-150mm	150mm
AT8076-03	15-200mm	200mm



AT8077 Twin Leg Self-Gripping Pullers

1. Special self-gripping puller with slim legs
2. Can be used with slide hammer

Item Number	Spread	Reach
AT8077-01	10-80mm	90mm
AT8077-02	10-150mm	150mm
AT8077-03	15-200mm	200mm



AT8078 Three Jaw External Puller

1. Special self-gripping puller with slim legs
2. Can be used with slide hammer

Item Number	Spread	Reach
AT8078-01	7-140mm	150mm
AT8078-02	10-180mm	200mm
AT8078-03	20-250mm	250mm



AT8079 Three Jaw Internal Puller

Item Number	Spread	Reach
AT8079-01	60-135mm	140mm
AT8079-02	60-170mm	190mm



AT8118 Long Reach Bearing Puller

1. Long reach for access.
2. Manufactured from drop-forged alloy steel.
3. Self-centering.
4. Spread:10mm - 50mm
5. MAx. Reach: 300mm

**AT4095 Axle Bearing Remover Set 3pc**

1. All three pullers have been redesigned to make the removal of semi-floating rear axle bearings easier
2. The new design allows you to capture the bearing firmly distributing the pulling force over the entire bearing
3. This reduces damage and increases the amount of applications
4. Set includes three pullers to service most domestic cars

**AT4187 Inner Bearing Race Puller Set**

1. Allows precise extraction of the inner Bearing Race from Wheel Hub
2. Can quick and easy removal of inner bearing races with diameter from 44mm to 72mm
3. Chuck Sizes/Applications:
 - Ø44 -48mm / Lancia Cappa; Renault
 - Ø48 -52mm / Ford Transit, T330
 - Ø52 -56mm / VW/ Audi; Seat; Skoda
 - Ø56 -60mm / Mercedes W16 8
 - Ø60 -64mm / Mercedes W20 1, W20 2, W20 3, W21 0, W12 4, BMW; Peugeot
 - Ø64 -68mm / Mercedes W16 3, W14 0, W16 9, W21 , W22 0, W24 5, W12 4T
 - Ø68 -72mm / VW Touareg; Porsche Cayenne

**AT8006 Mini Bearing Separator Set**

1. Compact set containing bearing separator, yoke and extensions.
2. Chrome Vanadium components ensure long tool life. Also suitable for removing small gears, wheels and fittings from shafts.
3. Contents:
 - 1-Beam / 1-Separator 15-58mm / 2-50mm Jaws
 - 1-Trust Screw / 2-30mm Extension



AT4162 Bearing Separator

1. Suitable for removing bearings, gears and bushes from shafts
2. Forged steel jaws
3. **AT4162-01** Capacity: \varnothing 10-30mm
AT4162-02 Capacity: \varnothing 30-50mm
AT4162-03 Capacity: \varnothing 50-75mm
AT4162-04 Capacity: \varnothing 75-105mm
AT4162-05 Capacity: \varnothing 105-150mm

**AT4307 Complete Removal And Installation Tool Set For The Compact Wheel Hub**

1. Removal and installation the compact wheel hub/bearing unit on VW T5 Transporter
2. Contents:
 - 1 x Cross beam with threaded ring
 - 2 x Half shell set/Removal
 - 2 x Tension bar set
 - 2 x Half shell set/Installation
 - 2 x Half shell mount
 - 1 x Pressure piece/Removal
 - 1 x Pressure piece/Installation
 - 1 x Trapezium threaded spindle with 2 x thrust bearing + nut

**AT8034 Mechanical Bearing Separator Set**

1. Mechanical puller set with 30-50mm and 50-75mm separators and single yoke with 180mm thrust-bolt
2. Suitable for engineering, automotive, marine and agricultural applications
3. Contents:
 - 2pc - Separators \varnothing 30-50 mm & \varnothing 50-75 mm
 - 4pc - 130mm Extension Bars
 - 4pc - 105mm Extension Bars
 - 1pc - Thrust Bolt 180mm
 - 1pc - Yoke 160mm

**AT4019 Universal Hub Puller**

1. Ductile steel electrodeposition finished body with thrust bolt and tommy bar
2. Suitable for four and five stud hubs
3. Use with a 1/2" drive ratchet wrench or with tommy bar supplied



AT8068 Mechanical Bearing Separator Set Ø75-105mm

1. Mechanical puller set with 75-105mm separators and single yoke with thrust-bolt
2. Suitable for engineering, automotive, marine and agricultural applications
3. Contents:
 - 1pc - Separators Ø75-105mm
 - 4pc - 200mm Extension Bars
 - 1pc - Thrust Bolt 5/8"
 - 1pc - Cross Bean

**AT8069 Mechanical Bearing Separator Set Ø120-150mm**

1. Suitable for pulling commercial vehicle size bearings from 120-150mm
2. Contents:
 - 1pc - Separators Ø120-150mm
 - 4pc - 250mm Extension Bars
 - 1pc - Thrust Bolt 5/8"
 - 1pc - Cross Bean

**AT8038 Hydraulic Puller Set 25pc**

- Contents:
- 1pc - 10 ton Hydraulic Ram / 3pc - 100mm Leg
 - 3pc - 150mm Leg / 3pc - 200mm Leg
 - 1pc - Twin Head / 1pc - Triple Head
 - 1pc - Ram Nut / 4pc - Main Rod 200mm
 - 1pc - Beam / 1pc - Separator 75-105mm
 - 1pc - Bolt 5/8" / 1pc - Ram Service Kit
 - 2pc - Extension Rod: 25 x 50mm & 25 x 100mm

**AT8040 Twin/Triple Arm Hydraulic Puller Set 19pc**

1. Forged steel 2-way yoke allows twin or triple leg pulls, with 10ton Hydraulic power unit & tommy bar
2. Suitable for pulling hubs, flanges, gears and bearings
3. Three 3-position puller arms and three sets of extension plates
4. Size: Spread / Reach:
 - 100mm 50-100 / 0-100mm
 - 150mm 75-150 / 0-150mm
 - 200mm 100-200 / 0-200mm
 - 250mm 150-250 / 0-250mm



AT4378**Adjustable Bearing Race and Seal Driver Set**

1. 3 hardened adjustable jaws for seat races, bearings or seals installation easily.
2. Durable, sturdy aluminum construction, equipped with a steel capped striker shaft handle.
 - **AT4378A:** 18mm~90mm
 - Step 1 : 18mm~53mm (0.708"~2.086")
 - Step 2 : 41mm~76mm (1.614"~2.992")
 - Step 3 : 54mm~90mm (2.125"~3.543")
 - **AT4378B:** 9.5mm~50mm
 - Step 1 : 9.5mm~23.5mm (0.374"~0.925")
 - Step 2 : 23.5mm~36.5mm (0.925"~1.437")
 - Step 3 : 36.5mm~50.0mm (1.437"~1.968")

**AT4397****Rear Trailing Arm Bush Tool**

1. For dismantling and mounting of the rear trailing arm bush.
2. On car solution - no changing of the entire trailing arm necessary.
3. Suitable for FIAT Panda 169 (2003~2012).

**AT4398****Ford and Volvo Bush Tool**

Suitable for:

Ford: Mondeo 07- / Mondeo Estate 07- / S-Max & Galaxy'06-

Volvo: XC70 & V70 '07- / XC60 '08- / S60 & V60 '10

**AT4399****Wheel Hub Grinder**

1. For cleaning the wheel centering device as well as the attachment area between the wheel and hub.
2. Corrosion between the rim and the wheel hub is removed and torque values can no longer be distorted.

**AT8043****Hand Bearing Packer**

1. Self-contained bearing packer saves time and can be used anywhere.
2. No air line or grease gun required.
3. Packs 50 to 60 bearings without refilling.
4. Transparent, impact resistant cup allows grease level check.
5. Use on all cage-type roller and ball bearing up to 2" bore.

**AT4101****4 Wheel Drive Spindle Nut Socket**

1. This 2-lug wrench removes spindle nuts of 1988-95 Isuzu Trooper, Rodeo, Amigo, and pickups; 1985-89 Honda Passport; Jeep J20 pickups with Dana 60 Axle
2. It features uniquely designed lugs for manual operation not intended for use with an impact tool of any kind.
3. Use with 1/2" hand drive tool.



AT4107 ½ - 1 Ton 4WD Wheel Bearing Locknut Tool

1. Removes and installs large diameter 4 slot front axle lock nuts
2. Use on 1/2-1 Ton Ford and GM cars and trucks
3. Heavy-duty alloy steel
4. Applications:
1982-1990 GM H.D. 3/4 and 1 Ton trucks
1985-1995 Ford F-series 1/2 Ton truck and full size Br

**AT4108** ½ Ton 4WD Bearing Locknut Tool

1. Removes and installs 4 slot front axle lock nuts
2. Reinforced outer lug sleeve for tough applications
3. Heavy-duty alloy steel
4. Use for ½ ton 4WD vehicles
5. Applications:
1960 to current 1/2 Ton Chevrolet and GMC
1966 to current Bronco and Blazer

**AT4142** 3/4 - 1 Ton 4WD Wheel Bearing Locknut Tool

1. Removes and installs 6 slot front axle lock nuts
2. Heavy-duty alloy steel
3. Use on 3/4 - 1 Ton Ford and GM cars and trucks
4. Applications:
Dana 70 axles 1978 to current
Ford 3/4 Ton vehicles 1973 to 1981 GM 3/4 Ton and 1 Ton vehicles

**AT4144** ½ - 3/4 Ton 4WD Wheel Bearing Locknut Tool

1. Removes and installs 4 slot front axle lock nuts
2. Heavy-duty alloy steel
3. Use on 1/2 - 3/4 Ton Ford and GM cars and trucks
4. Applications:
1986 to current Ford light trucks such as Bronco Bronco II and Ranger with Dana 44 axles

**AT4145** Tubular Spanner Wrench

1. Six-lug spanner-type wrenches remove and install rear wheel bearing locknuts
2. They're built for use with a 3/4 inch square-drive ratchet or breaker bar
3. Socket O.D. is 2-7/8 inch
4. Designed for servicing Chevrolet and GMC 11,000 to 13,500 lb axles



AT4146 Ratcheting Lock Nut Tool

1. Double-sided ratcheting style lock nut
2. Small end fits Ford 1986 to 1994 light truck with Dana 44 front axle
3. Large end fits 1985 and newer
4. Ford F150-F350 trucks with Dana 44 rear axle
5. Use with ½" drive wrench

**AT4147 4 Lug Spindle Socket**

1. For use on 1982-1990 3/4 and 1 Ton GM Heavy duty trucks, 1985 to current 1/2 Ton Ford F-Series and full size Bronco with DANA 28 front axle, 1985-1/2 to current Ford F-250 Heavy duty truck, 1985-1/2 to current Ford F-350 4 X 4, DANA 50 IF.
2. Sand Model 60 monobeam outer adjusting nut.

**AT4186 Wheel Bearing Locknut Tool - Toyota**

1. Removes and installs wheel bearing locknuts
2. Heavy-duty construction for loading high torque
3. Use with ½" Dr. torque wrench
4. Works on:
 - 1995 and newer Tacoma
 - 1996 and newer T100
 - 4 Runner

**AT4209 Hub Nut Socket Set ½" Drive 3pc - Bi-Hex**

1. Three pieces thin walled, Bi-Hex impact sockets in ½" drive
2. Hardened & tempered drop-forged chrome molybdenum
3. Specially designed for front hub nuts
4. Packed in a blow moulded case
5. Sizes: 30mm/32mm/36mm

**AT4048 Hub Puller Set - 3 Leg**

1. Designed to fit four and five stud hubs, fitted to cars and light commercial vehicles
2. Unique design allows for the leg angle to change as the hub is being pulled
3. Force screw handle included

**AT4048A Hub Puller Set - 3 Leg**

1. Free moving legs mounted on a floating plunger, enable quick and easy attachment to vehicle hubs
2. Heavy-duty hammer type handle allows the application of shock force for rapid removal of sticking hubs
3. Fine pitch force screw for smooth application of pulling power.
4. Plunger, leg and handle drop forged from high quality steel, heat treated for strength and durability.
5. The set included 5jaw.



AT4050 Hydraulic/Mechanical Hub Puller Set - 5 Leg

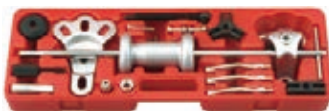
This is a 5 Leg Puller with slide through center bolt forcing screw for impact action plus a 10 ton hydraulic ram with extension pieces.

This rugged heavy duty puller that will remove wheel hubs mounted on tapered axles and press fit rear brake drums.

The legs are adjustable and can be adjusted to an 8" (200mm) diameter bolt circle. This tool can handle the toughest of jobs.

**AT4120 Slide Hammer/Puller Set 10pc**

1. Use eight ways:
external three-jaw puller, internal three-jaw puller, external two-jaw puller, internal two-jaw puller, grip wrench adaptor, lip puller, hub puller, dent puller
2. 2.5kg Slide hammer with 570mm shaft

**AT4123 Front Hub Puller & Installer Set**

1. For use on most front wheel drive vehicles.
2. Includes hub installer for some Ford applications
Bilingual Instructions.
3. Replacement Part Availability.

**AT4201 Professional Puller Set**

1. For Half-Shafts, Drive Shafts, Brake Discs and Brake Drums, etc.
2. Includes:
4. 3kg Sliding Hammer; Ø160mm puler plate(3-4-5 hole); Bolt M12/M14x1.5; M14 Shoulder Nut; Adaptor Spindle M20 x2x230mmL
3. Applications:
VW/Audi, Alfa Romeo, BMW, Citroen; Fiat; Ford; Mazda; Mercedes; Opel; Peugeot; Porsche; Renault; Seat, Skoda, etc.

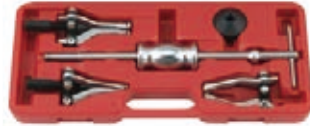
**AT4213 Hydraulic Hub Puller Set**

1. Diameter of disc: 148mm
2. 8 slots for 3 or 4 or 5 stud hub
3. Hydraulic puller (made of steel) for wheel hubs, axle flanges, gear and differential flanges.
4. Universal application through various hole spacing.
5. High power efficiency by hydraulic actuation.
6. Hydraulic piston with fine thread.
7. Application:
Renault/Peugeot/Citroen/VW/Audi/Seat/Skoda/Opel/Volvo/Fiat etc.



AT8007 Slide Hammer Gear/Bearing Puller Set

1. Includes three sets of 100mm triple leg pullers with locking feature which clamps jaws firmly inside/outside the gear or bearing
2. Includes 1.5kg slide hammer
3. Internal Pullers:- 15-40mm & 29-100mm
4. External Puller: - \varnothing 20-130mm

**AT4363 Ford Transit Front Wheel Bearing Removal Tools**

Removing the front wheel bearing from the (2006 onwards) Ford Transit is a job that needs a strong and robust specialist puller and the tool has been designed to simplify this often difficult job.

Once the bearing has been removed it leaves behind the inner race and this is removed using the Inner Bearing Removal Tool which is used in conjunction with this tool. These new additions to the range are designed to be used with the hub left on the vehicle. The first operation removes the complete bearing / drive flange assembly from the vehicle, then the second operation removes the bearing from the assembly, allowing the drive flange to be reused. The inner race remains in place however, and traditionally this could only be removed by cutting away with an angle grinder with the very real risk of damaging the stub axle and rendering it unserviceable.

The inner bearing removal tool is now assembled to the tool and the inner race removed, the engineered design gripping the taper securely, allowing smooth removal and an undamaged stub axle.

**AT4020 Coil Spring Compressor**

1. Long-reach arms compress higher proportion of new coil spring
2. Heavy-duty chrome vanadium construction
3. Allows even and safe compression of spring prior to installation of regular coil spring compressor
4. Maximum reach: 300mm

**AT4023A MacPherson Damper Spring Extractor With Adjustable Jaws (with lock)**

1. Kit for compressing MacPherson shock absorber coil springs
2. Jaws width can be adjustable, fitting different sizes of coil springs
3. Equipped with safety locks for safer working process
4. Can be operated with an air wrench
5. Provided with Product Liability Insurance
6. Break point 5,800 kgf (ca. 56,800 N)
7. Max. load 2,318 kgf (ca. 22,700 N)



AT4028 Coil Spring Compressor Kit

1. This spring compressors are multi-application tools, compress conventional spring in all cars up to light commercials
2. Developed for modern "Macpherson" suspensions, using a range of 3 sets of interchangeable forks
3. Capacity: 1000kg
4. Gold Yokes: \varnothing 80-105mm
Black Yokes: \varnothing 105-140mm
Silver Yokes: \varnothing 145-190mm
5. Maximum Jaw Opening: 265mm

**AT4036** Spring Compressor - Wishbone Suspension

1. Use on wishbone suspension using access points in the rear suspension arm
2. Features two pairs of carefully shaped yokes that prevent coil spring from bowing
3. Capacity: 1250kg
4. Size/Suitability: \varnothing 80-135mm
5. Jaw Opening: 115-300mm
6. Drive: 19mm Hex
7. Applications:
Fiat, Hyundai, Mazda, Mercedes, Mitsubishi, Nissan, Peugeot, Rover, Saab, Toyota, VW, Volvo

**AT4036A** Coil Spring Compressor

1. Suitable for working on vehicles with wishbone diameter less than 30mm
2. Smaller-sized spindle suitable for on-car working
3. Includes a pair of C-shape devices for tighter connection between the main body and discs
4. Can be operated with an air/impact wrench
5. Includes a 100 Nm torque extension bar.
6. Break point: 10,180 kgf (ca. 99,764 N)
7. Max load: 4,072 kgf (ca. 39,900 N)
8. Applications:
BMW 3 Series (1996-2013)
Chrysler, Chevrolet, Citroen, Ford, Honda, Hyundai, Kia, Mazda, Mitsubishi, Peugeot, Renault, Skoda, Suzuki, Toyota, Volkswagen and Volvo.
Mercedes-Benz W202 W204 (1997-2013)



AT4115 Professional Coil Spring Compressor

1. Suitable for Macpherson strut coil springs
2. Features a yoke extension bracket allows use on conical springs
3. Supplied with three pairs of different sized interchangeable yokes, for wide range of vehicle applications and plastic yoke protectors
4. Protect the spring coating from damage and can invalidate the vehicle manufacturer's warranty
5. Safety yokes carefully shaped to stop the spring bowing while under compression
6. Capacity: 1000kg
7. Gold Yokes: \varnothing 80-105mm
Black Yokes: \varnothing 105-140mm
Silver Yokes: \varnothing 145-190mm
8. Maximum Jaw Opening: 265mm
9. Drive: 21mm Hex

**AT4117 MacPherson Strut Spring Hook Compressor Kit**

1. A specialty tool for use on all vehicles equipped with Macpherson struts to rapidly compress the oil spring.
2. To enable replacement of shock absorbers, spring sets, repair bent struts and damaged spindles.
3. Drop forged jaws with safety pins to provide a safety performance.
4. Size: 300mmL

**AT4149 Coil Spring Compressor**

1. Features adjustable safety bar for additional security and compressors have lower safety jaws for ultimate peace of mind
2. High security coil spring compressor with 1200kg maximum capacity per pair
3. Maximum Jaw Opening: 290mm

**AT4348 Coil Spring Compressor Set**

1. 270mm & 370mm lead screws coil spring compressors plugs
2. One driving ratchet handle
3. Drop-forged steel jaws & lead screws both heat-treated to ensure better durability
4. Designed for use in limited space under wheel arch
5. Jaws are designed to fit and wrap coil claws for safety
6. Use with 1/2" drive ratchet



AT8176 Double-Ring Shaped Counterholder

Specifications:

- For counterholding when operating the bottom strut unit screws on MERCEDES-BENZ type 169(A-class).
- Especially adapted to the limited space.
- Chrome-Vanadium, chrome-plated.
- 2x21mm 12-point profile.
- Dimensions (LxW):90x30mm.
- Thickness:8mm.

**AT4027 Strut Tower Clamp**

1. Specialist fast action clamp designed to support the strut and spring assembly after removal from the vehicle
2. Bolt to workbench or place in vice
3. Use with spring compressor and strut nut tools

**AT4046-01 Strut Nut Socket 3pc Set**

1. A set of 3 sockets for use on MacPherson struts designed for Volkswagen/Audi front and rear struts. Special top nut sockets which are designed to hold the damper shaft during removal and refitting.
2. Suitable for: Volkswagen Polo, Golf, Passat & Audi 80.
3. Sizes: 10.5, 12.5, 14.5mm.

**AT4046-02 Strut Nut Socket - VW & Audi 5pc Set**

1. A set of 5 sockets for use on MacPherson struts designed for Volkswagen/Audi front and rear struts. Special top nut sockets which are designed to hold the damper shaft during removal and refitting.
2. Suitable for: Austin Maestro, Mercedes Benz; W209 (C-class), W209 (CLK), Volkswagen Polo, Golf, Passat & Audi 80.
3. Sizes: 10.5, 12.5, 14, 14.5, 14.5mm.

**AT4093 Strut Nut Socket - VW & Audi**

1. Suitable for the removal and installation of top shock retaining nut
2. Location pegs fit into slots cut in the retaining ring and allow hex key access through the centre for release/adjustment of the shock.
3. Use with 22mm spanner



AT4202 Volvo Strut Nut Socket Set

1. Use for removing and installing the top shock retaining nut on S40, S60, S70, S80, S90 models
2. Includes holding socket and double-D axle center socket
3. Double-D measures 8mm "flat-to-flat"
4. Use 10mm hex wrench on top of Double-D socket
5. Use 27mm hex wrench on holding socket

**AT4208 Strut Leg Pry Socket Set 2pc 1/2" Drive**

1. Reduces risk of damage to hub casting associated with using hammers and chisels to free the strut leg.
2. Suitable for removal and installation of legs on most Audi, Ford, Peugeot, Renault, Seat, Skoda, VW.
3. Sizes: 7 x 5mm, 8.2 x 5.5mm

**AT4099 Shock Absorber Tool Kit 39pcs**

1. Universal turnbuckle set for shock absorbers top fixing
2. Includes: Turnbuckles, Sockets, Oblong Bits, Hex Bit, Flat Bits, Spline Bits and Star Bits
3. Applications: Audi, BMW, Chrysler, Citroen, Fiat, Ford, Honda, Mercedes, Nissan, Peugeot, Renault

**AT4064 Shock Absorber Tool Set 18 Pcs**

1. Permits the removal of the top suspension nut by holding the strut piston, so it doesn't rotate while turning the nut.
2. The go-through design of the socket and ratchet allows the extension to pass through the middle.
3. To be used in conjunction with a 1/2" Sq drive ratchet or T-bar (not included).
4. Contents:
 - 1PC-Reversible Ratchet
 - 7Pcs- 6 Point Sockets: 16 17 18 19 21 22 & 24mm
 - 10Pcs-1/2" SQ. Drive Extensions

**AT4078 Steering Wheel Puller Set 7pc**

1. Two-leg puller, with two pairs of legs and two thrust caps.
2. Use on Vauxhall/Opel and Ford vehicles.
3. Contents:
 - Yoke, Thrust Bolt, 87mm Leg x 2pc,
 - 135mm Leg x 2pc, Thrust Cap x 2



AT4088 Steering Wheel Puller

1. Five sets of cap screws are included for various thread requirements
2. The forcing screw features a swivel end to protect steering shaft
3. Cap screws included (pairs):
3/8"-16x3-1/2"; 5/16"-18x3-1/2"; 5/16"-24x3-1/2"; M8-1.25x90mm; and 5/16"-18x4"(SIR)

**AT4091 Steering Wheel Puller Set**

1. Suitable for steering wheels, sprockets, pulleys and shafts, etc.
2. Range: $\varnothing 32 \sim \varnothing 90$ mm
3. Contents:

- 1pc Puller Disc; $\varnothing 110$ mm w/ Spindle
- 3 x Bolt M8x1,25x100mm
- 3 x Bolt M10x 1,25x100mm
- 3 x Bolt M8x1,25x80mm
- 3 x Bolt M10x 1,5x50mm
- 2pc Hex Bolt; 1/4"UNF x 75mm
- 2 x Hex Bolt; 5/16"UNF x 90mm
- 3 x Hex Bolt; 5/16"UNC x 50mm
- 3 x Hex Bolt; 5/16"UNC x 110mm
- 3 x Hex Bolt; 3/8"UNF x 50mm
- 3 x Hex Bolt; 3/8"UNC x 100mm
- Washers: 2pc 1/4"x19; 3pc 5/16"x18; 3pc 3/8"x20

**AT4056 Inner Tie Rod Removal Set 4pc**

1. Remove and install inner tie rods without removing steering gear.
2. Adapters fit into the tie rod socket.
3. 1/2" drive ratchet fits drive end.
4. For use on most Chrysler, Ford, and GM vehicles.
5. Set includes:
 - 1-3/16" & 1-5/16" tie rods,
 - 3-Adaptors work on 1-3/16", 1-5/16", and 1-7/16" tie rods.

**AT4154 Rack End Remover and Installer**

1. Track rod (steering arm) remover and installer.
2. Fit over the steering shaft onto the steering rack.
3. Used with a 1/2"D wrench or a 27mm spanner
4. **AT4154-01**- Size range 28mm to 35mm length 400
AT4154-02- Size range 35mm to 45mm length 400



AT4105 Outer Tie Rod Remover

1. Hardened & tempered forged chrome- vanadium steel.
2. Works on FWD and RWD American, European & Japanese vehicles.
3. Up to 5 tons of force can be applied

**AT4223 Tie Rod End Socket 1/2" Drive**

1. Used to replace worn out tie rod ends.
2. After separating the ball joint from steering knuckle, slip tool over end of worn tie rod and remove.
3. U-Opening: 34.0x19mm
4. Inner Diameter: Ø23.8mm
5. Length: 57mm

**AT4249 Multi-Purpose Inner Tie Rod Tool**

1. Used to replace the inner tie rod ends without remove the rack and pinion.
2. Capacity 33 - 42mm

**AT4012 Exhaust Donut Stretcher**

1. Steel construction with dipped vinyl handle
2. Enables fast removal and installation of rubber anti-vibration mountings found on modern exhaust systems

**AT4074 Exhaust Manifold Clamp Spreader**

1. Robust steel tool for safe removal and installation of the spring clamps
2. Used to attach exhaust system to manifold on VAG vehicles
3. Use with 17mm wrench

**AT4106 Axle Stud Cone Pliers**

1. Suitable for medium and heavy-duty truck axles.
2. Grips tapered cones on studs for fast and easy access to bearing assembly.

**AT4501 ABS rotor nut socket tool - JAGAU**

1. The ABS rotor nut socket 206-066 which precedes the above socket must not be used for torque settings which exceed 190 Nm
2. Application:
X100 | XK Series 1996 onwards, X308 – V8 | XJ Series 1997 – 2003, 1997-2006 XJ8/XK8 The tool is equipped with a 122 square drive. 3/4"D.
Due to the high torque values used the vehicles hub should be removed from the vehicle.



AT4075 Exhaust Fume Extractor

1. Idea for small or large garages and workshops.
2. Features soft rubber cylindrical cone to suit most exhausts
Adjustable height for use on small cars or commercial vehicles.
3. Air inlet valve creates vortex with in extractor to ensure all fumes are dispersed(requires air supply) 1.2mtr Body length with additional 3mtr flexible ducting.
4. Mounted vertically on trolley with integral duct compartment for easy manoeuvrability and compact storage.
5. Air pressure:90psi.
6. Air Consumption:16cfs. Minimum Height:185mm.
7. Maximum Height:550mm. Duct Length:3.0 metre
8. Overall Length:4.2metre.

**AT6039 7 Point Socket**

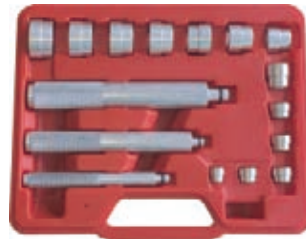
1. Material: CR-MO
2. 3/8"Dr. H19*H21 Impact socket 7 points 70L

**AT8121 Locking Wheel Nut Remover ½" Drive 2pc**

1. This 2 piece Emergency Wheel Nut Remover removes locking wheel nuts when no key is available
2. Each wheel nut remover has a deep internal reverse thread
3. The two socket sizes fit locking wheel nuts on most vehicles
4. Supplied in storage case
5. Size: 21MM(13/16"), 25MM(1")

**AT4293 Bearing Race & Seal Driver Set 10pc**

1. Quickly & easily inserts wheel bearing races & seals without damage to race & axle housing.
2. Contents:
 - 13-Adaptor:** 10mm , 12mm , 14mm ,15mm , 16mm , 18mm , 19mm , 20mm , 22mm , 25mm , 26mm , 28mm , 30mm
 - 3-Driver Handle:** 115mm & 140mm & 160mm(L)

**AT4197 ISUZU 3.5 Tone Rear Wheel Nut Axle Socket**

1. Product Specification / Features: Remove the rear wheel axle nut of ISUZU
2. It can be used with torque wrench for installing and removing
3. Material : S45C
4. Application: ISUZU 130HP, 150HP



AT2061 Wheel Maintenance Kit 14pc

1. Suitable for use with power drill or air impact wrench
2. Ideal for preparing wheels, hubs and brake discs or drums for re-assembly
3. Removes surface dirt and corrosion
4. Contents:
 - Ø40mm Fine x 5 / Cleaning Head Attachment Pads x 2
5. Head Holder: 8mm Hex Drive, 1/2" Drive Adaptor
6. Cleaning Heads: Ø40mm Course x 5

**AT8122 Hub Nut Socket Set ½" Drive 5pc**

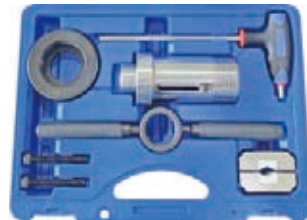
1. A comprehensive set of Hub Nut sockets for use on most modern vehicles
2. Single Hex (6pt)
3. Manufactured from Chrome Molybdenum
4. Complete with handy storage case
5. Sizes: 30/32/34/35/36mm

**AT5250 Pull Hook Tool (VW / Mercedes)**

1. For installing and removing the draw spring of hand brake shoes, e.g. on MERCEDES-BENZ passenger cars with rear disc brakes as well as on VW LT since 1997.
2. Hook with T-Handle
3. Special steel
4. Surface chrome-plated
5. OEM Ref. VW 3438/ Mercedes 116 589 01 62 00

**AT4405 Shock Absorber Installation Tool**

1. For assembly and disassembly of shock absorbers with rebound buffer springs
2. Simply remove the entire rebound buffer spring and align securely
3. Simple handling
4. One-man operation
5. Minimum time needed
6. Significantly reduces risks when changing springs or shock absorbers

**AT4211 Wheel Bearing Circlip Pliers**

1. The special design of the pliers' tips enable the easy removal and replacement of wheel bearing circlips without eyelets.
2. Professional removal and replacement of wheel bearing circlip s are almost impossible without this special tool.



AT4341 Crankshaft Pulley Puller (VAG)

1. Used to removal of the crankshaft pulley with internal thread.
2. Applications: Volkswagen T6/Transporter (from 2017).
3. Engine: 4 cylinder common rail 2.0L.
4. Equivalent to OEM T50071.
5. Required for the damage free removal of the the vibration damper with internal thread.

**AT2177 1/2"Dr.x16PTx30L**

1. 22MM
2. Application:
For the new central screw connection on the centring valve of the camshaft timing BMW & Mini Vanos unit and Ford VCT modules.
3. Ford OEM 303-1661-3

**AT4413 Diesel Pump Sprocket Puller (VAG)**

1. Used to removal of the high pressure fuel pump sprocket on the diesel engine.
2. Suitable for 1.4L, 1.6L, 2.0L TDI engine :
 - VW : Golf 2013~
 - Audi : A3 2013~
 - Skoda : Rapid 2012~, Octavia 2013~, Fabia 2014~, Superb 2015~, Kodiaq 2016~
 - Seat : Alhambra 2011~, Ibiza 2008~, Leon 2013~, Ateca

**AT4414 1/2"Dr. x 46mm x 12PT x 100L**

1. Suitable for Renault Master and Opel Movano from 2010.
2. Design to loosen or tighten screwed suspension ball joints.
3. Suitable for Fiat Ducato, Citroen Jumper and Peugeot Boxer.
4. For loosening and tightening of the drive shaft fixing nut.

**AT4436 Special Socket Spanner For Tie Rod End Removal And Installati**

1. For easy mounting and dismounting of tie rod ends universal use on almost cars and vans.
2. For use with 1/2" operating tools
3. Dimensions:
U-shape for ball end journals: 18.5 x 34 mm
Inner ø: 49 mm
Insertion depth: 40 mm
Total length: 57.5 mm



AT4037 Mercedes Benz Wheel Remover and Installer

1. This precision machined tool is used for removing and replacing the rear wheel bearing found on Mercedes Benz rear axles.
2. This tool is also used for the installation of the rear axle flange.
3. Suits Mercedes Benz models: 124, 129, 201 & 202.



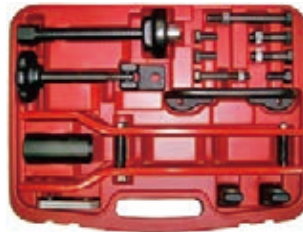
AT8276 Adjustable Blind Inner Bearing Slide Hammer Puller

1. Used for removing many bearings and bushings.
2. Features a rust resistant finish
3. A handle for use with hammer
4. Adjustable Jaws width: 12.5mm to 53mm



AT4394 Universal Hub Separator

1. Universal hub separator set is designed for removing hubs on popular front wheel drive vehicles
2. Durable Acme threaded forcing and adjusting screws ensure long product life
3. Applications include:
Daihatsu, Fiat, Ford, GM, Honda, Hyundai, Mazda, Mitsubishi, Nissan, Renault, Saab, Subaru, Suzuki, Toyota, Volkswagen
4. Some spares available upon request as special order



AT4442 6 Holes Hub Separator

1. Use for removing the 6 holes HUB rear axle.
2. Provides the mechanical advantage .
3. Services: TOYOTA HIACE 100 series,200 series
NISSAN CARAVAN E25series,E26 series.
4. P.C.D:139.7mm
5. Thread specification:M12X1.5



AT4442A 6 Holes Hub Separator

1. Use for removing the 6 holes HUB rear axle
2. Provides the mechanical advantage .
3. Services: Disc brakes
4. Services: TOYOTA HIACE 100 series,200 series
NISSAN CARAVAN E25 series,E26 series



AT4417 Universal Hub Puller

1. The puller can remove the new compact wheel bearing with or without locking ring.
2. Application:
 BENZ ML W140/W163/W124/W220
 BMW E36/E46/E90VW TOUARG

**AT4418 BENZ & BMW Sub-Frame Bush Remover/Installer (Hydraulic)**

1. Application:
BENZ: W220, W211, W203
BMW: E31, E32, E34, E38, E39, E53, E60, E65, E66
2. The cylinder capacity will reach 15T when the pump with 10000psi (700lbs) power.

**AT4419 Wheel Hub Holding Tool**

1. Used to hold the wheel hub in place while the axle nut is removed / installed or wheel bearing service.
2. 1/2" square drive for breaker / extension bar.
3. Works on vehicles with wheel stud bolt patterns ranging from 4 x 100mm (3.937") to 8 x 170.3mm (6.704").

**AT4415 Top Suspension Mount Tool**

1. The fixing nuts on these top mounting are designed to be captive in the mounting but over time they become corroded so when removal is attempted they can break loose.
2. OEM fixings can either be 6 or 8 sided nuts which is why the tool includes a double sided socket.
3. 3/8"D female square with a 1/4"D male extension bar 80mm plus a 6 point(sided) and 8 point(sided) socket with 1/4"D female square
4. Size:



AT4415A - 3/8"Dr.6PT/8PT flexible socket 13mm

AT4415B - 3/8"Dr.6PT/8PT flexible socket 14mm

AT4416 Wheel Hub Bearing Tool Set

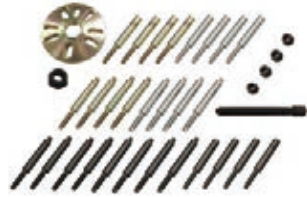
1. Supplementary Set \varnothing 78mm
2. For disassembly and assembly of the hub bearing unit when installed.
3. Application :
FORD: Focus 2 from 2004,
 Focus C-Max from 2003-2007
 and C-Max from 2007
VOLVO C30 from 2006, C70 2 Cabriolet from 2006,
 S40 from 2004, V50 from 2004
MAZDA 3 (BK) 1.4i, 1.6i, 2.0i, 1.6DI turbo from 2003



AT4422

Wheel Stud Hub Puller & Driveshaft Remover/Press Kit Auto Car Hand Tool

1. This wheel hub puller set is a versatile and heavy duty combination hub puller kit.
2. That can extract drum/disc/hub assemblies when used with the force screw method or for stubborn hubs and the slide hammer method can be used.
3. It is can remove wheel hubs, half shafts, brake drums, drive shafts directly in the car.
4. A mechanical spindle can press out drive shaft.
5. Applicable vehicle type:
Alfa Romeo/Audi/BMW/Citroen/Fiat//Ford/Mazda/Mercedes-Benz/ Peugeot/Renault/Seat/ Skoda/Vauxhall/Opel/Volkswagen
6. Specification of set:
M12*1.5 screw (x4) -Yellow zinc plated
M14*1.5 screw (x4) - Manganese phosphate
1 x Body 8 holes -Yellow zinc plated
1 x connecting block- Manganese phosphate
1 x Screw bar - Manganese phosphate
4 x Nuts - Manganese phosphate



AT4420

Strut Support Tool (McPherson)

1. For supporting and holding the strut when working on suspension units.
2. To prevent the strut from moving downwards when dismantling from the suspension arm.



AT4423

Ball Joint Socket - 44mm (Peugeot / Citroen / Toyota)

1. For the professional loosening and tightening of screw-in type front lower ball joints.
2. Especially useful for the recent recall repair.
(Peugeot recall code : JHK)
3. **Application:**
Peugeot: Expert & Traveller
Citroen: Dispatch, Jumpy & Space Tourer
Toyota: ProAce & ProAce Verso



AT4392

Bearing Distance Sleeve

1. Adjustable distance sleeve with three pairs of top parts used in addition to the wheel bearing tools or use on the bench press.
2. At the base plate of the distance sleeve the diameter can be adjusted according to the wheel bearing housing. The different top parts are selected depending on the shape of the wheel bearing housing and installed on the distance sleeve.
3. Additionally the top parts can be shifted separately on the guide.
Thus the distance sleeve is optimally adjustable to the wheel bearing housing shape.
4. Type: Universal



AT4427 Harmonic Balancer Puller

1. Compatibility 3 & 6 spoke balancers.
2. No radiator removal to saving time.
3. Clip-in compact design (no bolts required).
4. Suitable for:
 - GM, 5.3L, 5.7LS1, 6.0LS2, 6.2LS3, 7.0L
 - Ford Coyote 5.0
 - Chrysler/Dodge/JEEP 3.5L & 3.7L V6 4.7L, 5.7L, & 6.1L V8

**AT4407 Shock Absorber Counter Holding Tool**

1. For the removal and installation of the front and rear shock absorbers.
2. For the retention of the damper piston rod when repair work at the strut.
(shock absorber, strut mounting, coil spring)
3. Suitable for VW-Audi, Ford, Opel/Vauxhall, Japanese cars

**AT4357 Suspension Wear Indicator Tool**

1. Length:350mmL
2. Application:
Suspension top mount / bearing bushing / carrier joint / track-rod end / linking rod / wheel bearing / axial joint / steering gear / stabiliser etc.
3. Suitable for all trucks, vans, SUVs and vans up to 3.5t.

**CT2041 2PC Staked Axle Nut Punch Kit**

1. Stacked (crimped) type axle nuts preventing the nut from loosening, which are common found on 2 & 4 wheel drive vehicles.
2. Special design release tip with bending profile allows easy access to the stack, fully disengage the crimp, and bend back to the original releasing position without or reduce the damage to the axle shaft and thread.
3. STACK (CRIMP) TIP / RELEASE TIP
4. Flat stake punch resets the stack similarly back to factory setting to prevent the nut loosening.

**CT3013 8pcs Strut Nut Socket Set**

1. 1/2"Dr. 2 x hub to strut clamp expanders Socket blade sizes to suit strut nuts with cross grooves from 3.5mm up
2. Use with 22mm and 16mm spanners.
3. Includes Mercedes-Benz & VW Group specific strut nut tool.



CT1003 Toyota Rear-axle Suspension Bush Remove/Installer

1. This tool set is designed to remove and install the rear-axle Suspension bush of Toyota.
2. Application:
TOYOTA (VOXY/VELLFIRE/ALPHARD/ESTIMA/CAMRY/
HARRIER/NOAH/PREVIA/ MARK/ISIS/WISH/
PICNI/ALTIS/COROLLA/VIOS/VITZ

**CT0000 Diesel Pump Pulley Boss Puller - VAG**

1. Used to remove the high pressure fuel pump on 1.4, 1.6 & 2.0L TDi engines.
2. Applications:
Volkswagen Golf (from 2013), Audi A3 (from 2013), Skoda Rapid (from 2012), Octavia (from 2013), Fabia 2014, Superb (from 2015), Kodiaq 2016, and Seat Alhambra (from 2011), Ibiza (2008), Leon (2013) and Ateca.
3. OEM NO.: T10489

**CT2042 Wheel Hub Nut Socket (IVECO Daily 35)**

1. Suitable for IVECO Daily 35C/ 35S (2014~) front wheel hub castle nut.
2. Equivalent to OEM 99355185.
3. 1/2" drive with 4 teeth profile. Teeth: 6.5 x 6.5 x 13mm.

**CT2043 Wheel Hub Puller Set**

1. Universal hub puller kit with hydraulic ram giving up to 12 tons of pressure with a large slide hammer assembly.
2. The kit greatly simplifies the removal of the wheel hub and release of the drive shaft without damaging the fine threads on the shaft through hammering.
3. Use on GM, VAG, Peugeot, Citroen, Renault, Ford and Volvo etc.

**CT2044 Stud Cleaning Tool**

1. Faster and easier to clean studs.
2. Only need ONE tool to fit different sizes of brush.
3. Quick change burshes in 5 seconds.
4. Brush size :
12mm (7/16"), 13mm (1/2"), 14mm (9/16"),
16mm (5/8"), 22mm (7/8"), 28mm (1-1/8")



CT3014 **Strut Removal Socket-Magnetic (Tesla)**

1. User to remove install the front strut mounting nuts on Tesla Model 3.
2. Remove the front strut assembly from the shock tower (without removing the front upper control arm mount).

**CT4027** **Ball Joint Socket (Renault)**

1. For the professional loosening and tightening of screw-in type front lower ball joints.
2. Suitable for Renault Twingo II Sport 133 (2007~2014)

**CT1004** **Rear Toe Adjustment Tool (Porsche/Audi)**

1. Used as a blind tool to adjust the toe on the rear axle.
2. Applicable:
Porsche Taycan 2020~Audi e-tron GT2021~

**CT2045** **Hub Nut Socket Thin Walled Deep 36MM – Ford/Fiat**

1. Size: 1/2"D x 36mm; 46.1mm Outer Diameter./78mmL
2. Applications include: Ford KA; Fiat 500.

**CT3015** **Fork Seal Drivers Set**

1. Set supplied with 9 essential drivers for easy installation of most fork seals on either conventional or inverted forks.
 2. Set contains :
 - 49/50mm Combo, Fork Seal Drivers (329-01)
 - 45mm Fork Seal Drivers (329-02)
 - 43mm Fork Seal Drivers (329-03)
 - 41mm Fork Seal Drivers (329-04)
 - 39mm Fork Seal Drivers (329-05)
 - 35/36mm Combo, Fork Seal Drivers (329-06)
 - 48mm Fork Seal Drivers (329-07)
 - 54mm Fork Seal Drivers (329-08)
 - 46/47mm Combo, Fork Seal Drivers (329-09)
- Features CAD-II plated carbon steel with a split design and weighted body

