

Radiator Spud Wrench, 1/2", five steps

- chrome vanadium steel
- in five different size:
3/8", 7/16", 1/2", 16 und 21 mm
- 1/2" drive

Item #
1462



Tap and Die Set, SAE and Metric combined

- especially for fine threads
 - tungsten steel
 - 2 tap holders
 - 2 die holders
 - 1 T holder
 - each 35 taps and dies in following sizes / flank leads:
- | | | | |
|-----------|-----------|------------|------------|
| 4-40UNC | 6-32UNC | 8-32UNC | 10-24UNC |
| 10-32UNF | 12-24UNC | 1/4-20UNC | 1/4-28UNF |
| 1/4-24UNS | 1/4-32UNS | 5/16-18UNC | 5/16-24UNF |
| 3/8-16UNC | 3/8-24UNF | 7/16-14UNC | 7/16-20UNF |
| 1/2-13UNC | 1/2-20UNF | 9/16-12UNC | 9/16-18UNF |
| 5/8-11UNC | 5/8-18UNF | 3/4-10UNC | 3/4-16UNF |
| M6X1,0 | M8X1,25 | M10X1,5 | M10X1,0 |
| M11X1,5 | M12X1,25 | M12X1,75 | M14X1,25 |
| M18X1,5 | 1/8-27NP | 1/4-18NPT | |

Item #
900



Heavy Duty Oil Filter Chain Wrench with Handle

- heavy duty tool with duplex chain
- chain width approx. 22 mm
- handle satin chrome finished
- claw prevents slipping
- 180° swivel handle
- ease to use due to special chain-lock
- suitable for oil filters 60-160 mm
- length: 350 mm

Item #
1003



Professional Oil Filter Chain Wrench

- pro version with duplex chain
- chain width 13 mm
- chain length 230 mm
- for every day workshop use
- also for stuck oil filters
- easy handling
- suitable for all steel filter cartridges with diameter 60-115 mm
- 1/2" drive

Item #
1002



Oil and Fuel Filter Pliers with Swivel Jaws

- Jaws can be inclined up to 90° in both directions for easy removal of oil and fuel filters
- ideal for loosening filters in hard-to-reach areas that could not be loosened with common oil filter pliers
- jaws adjust in 4 positions every 30°
- can grip filters from 57 mm to 120 mm
- slipping around the filters is avoided by 6 heavy claws on each jaw



Item #
8271



Renault Oilfilter Wrench

- for Renault EF34 oil filters 76 mm 12-point
- stuck oil filters can be easily loosened due to extra long handle
- suitable for the following models:
 - Renault Twingo R5, Rapid sedan with C, Clio, Kangoo petrol-R12 Espace III, Laguna sedan with F, Megan Kangoo with K Gasoline engines, R21 Espace I + III F Gasoline engines and Traffic with J gasoline engines
 - Ford Diesel 1.8 Motorcraft filter and EFL344
 - Peugeot with Purflux Filter



Item #
8259



Protective Impact Socket Set, 1/2", 17, 19 and 21 mm

- chrome molybdenum steel
- length 85 mm
- suitable for manual and impact wrench use
- with plastic cover for perfect protection of aluminium rims
- with groove and hole
- colored plastic covers help to indicate the right size



Item #
7300



Loosening Tool for Wheel Nut Covers

- Wheel nut caps can be removed without damaging the rims
- especially suitable for aluminum rims
- gripping claws made of spring steel
- T-handle for easy working



Item #
8257



Separating Knife and Bearing Puller Set

- facilitates disassembly of bearings
- opening size 45 mm to 60 mm
- M10 x 98 mm pressure spindle with 19 mm hex drive
- M10 x 58 mm pressure spindle with 19 mm hex drive
- spindle heads are equipped with a ball tip for removal of bearings

Item #
8277

PRO +



Timing Tool Set for Fiat, Lancia, Alfa Romeo

- contains 1 special socket 1/2" dr. for disassembly of the phase adjuster
- 23 custom fit timing tools for inlet camshaft and exhaust camshaft prevent distortion of camshafts and allow setting them in mounting position for the tooth belt
- locking tools are numbered and have different colours to avoid mix-up
- can also be used for exact positioning of the crankshaft using the TDC setting plug and an optional micrometer (BGS 1938-1, not contained in set)
- fits following cars:
 - Fiat Bravo 1,4 12V & 2,0 20V; Brava 1,4 12V & 2,0 20V; Marea 2,0 20V; Coupe 1,8 16V; Barchetta 1,8 16V; Punto 1,8 16V
 - Lancia K5 2,0 20V; 4 Zyl. VIS Motoren ab BJ. 96; Delta 1,8 16V Step A; Dedra 1,8 16V Step A; Y10 1,4 12V
 - Alfa 145 1400 & 1600 16V Step A; 147 1600 16V Step A; 147 105 PS; 147 1600 eco 103 hp; 155 1400 & 1600 16V Step A; 156 1600 16V Step A; 156 1800 - 2000 16V; 156 2000 JTS; 166 2000; GTV 2000 JTS; Spider GT 2000 JTS 16V 165PS

Item #
8240

PRO +



Camshaft Locking Tool

- needed for tooth belt replacement and other engine timing jobs
- suitable for all Diesel and gasoline DOHC engines
- fixation by locking the camshafts against each other
- pins made of hardened steel for long tool life
- versatile applications because of 2 different arm lengths
- special knob on center arm can be turned into a place-saving position

Item #
8243

PRO +



VAG 5 and 10 Cylinder Engine Locking Tool

- suitable for VW Phaeton and Touareg models as of 2003, Transporter as of 2004 with 5 and 10 cylinder Diesel engines
- use like VW part Nr. T10193 / T10194
- for adjusting the camshaft when checking and repairing the engine
- no twisting of camshafts



Item #
8279

PRO +

Pulley Holder for the High-Pressure Pump on Opel, Renault, Nissan

- suitable for Diesel engines with F9Q engine code in Opel, Renault, Nissan cars
- no need to disassemble the tooth belt
- pump wheel is locked securely because of high accuracy
- pump does not need to be re-adjusted
- helps to save time and money through reduced workload



Item #
8278

PRO +

Exhaust Pipe Separating Tool

- for stuck-type hard to separate exhaust pipes
- suitable for pipe Ø 51mm-60mm
- solid steel jaws
- chrome plated screws for 17 mm & 3/8" drive
- 19 mm Zinc plated compression fitting
- compression range 0 mm -120 mm



Item #
119

PRO +

Exhaust Pipe Rubber Ejection Pliers

- facilitates removal of rubber hangers
- 25° opening angle for easy operation
- length: 285 mm



Item #
8256

PRO +

5-piece Groove Nut Socket Set

- suitable for Mercedes differential, gear and rear axle flange
- for Mercedes series 107 114 115 116 126 ..
- allows gentle loosening and tightening using a torque wrench
- 1/2 "drive

Item #
67220

PRO +



Pull and Press Sleeve Kit with 4 Spindles

- universal type for all car models
- also for assembly or disassembly of silent bearings, rubber- and ball bearings
- also suitable for rubber bushes and rotary shaft seals
- smooth running because of high-quality ball bearing on spindle screw nut
- four 350 mm spindles in M10, M12, M14 und M16
- 20 inner pressure pad in 34, 36, 38 mm bis 72 mm
- 20 outer pressure pad in 44, 46, 48 mm bis 82 mm
- pressure pads are slotted for visual control

Item #
1514

PRO +



7-piece Drive Shaft Feeder Set

- for easy feeding of drive shaft into the wheel hub
- made of high grade steel
- based in a standardized industrial wheel bearing
- contains 6 spring bushings with different threads sizes
- can be used for following car types:
Subaru (M16X1.5)
VW Beetle, Touareg, Porsche Cayenne (M20X1.5)
BMW E30, E46 (M22X1.5)
BMW E36, Mercedes W203 (M24X1.5)
BMW E32, E34, E38, E39, X5 (M27X1.5)
BMW E32, E34, E36 (M30X1.5)

Item #
8245

PRO +



Nozzle Extractor, Four Tooth for MAN and Mercedes

- extractor made of carbon steel with four tooth counterholder and 27 mm 6-pt
- suitable for MAN and Mercedes trucks
- M14 Spindle
- spindle with 6mm hex drive for mounting nozzle on spindle
- allows easy and professional removal of the nozzle
- length: 105 mm

Item #
67230

PRO +



Valve Shim Remover for DOHC Engines

- suitable for all DOHC engines e.g. Volvo Opel, Ford, Renault ect.
- sliding t-bar for easy handling



Item #
8252



Special Crankshaft Rotation Tool for VAG 5 Cylinder Engines

- necessary for crankshaft adjustment
- suitable for all 5 cylinder VW Diesel engines e.g. in VW Touareg as of 2003 and Transporter as of 2004
- fixing screw allows easy mounting on crankshaft
- use like OEM VAG T10225



Item #
8249



VW / Audi Engine Timing Tool Kit

- suitable for 1.8 L and 1.6L Turbo FSI engines
- crankshaft counterholder similar to OEM 3036
- camshaft setting tool similar to OEM T10171
- counterholder for timing chain sprocket, camshaft, vibration damper similar OEM T10172
- adaptors for counterholder similar OEM T10172
- holder for chain adjuster for assembly and disassembly of the chain adjuster similar to OEM T20018 / 3366
- for following car models

Audi:

A3 1,8Turbo (AGN AGU AJQ APG APP AQA ARX ARY ARZ AUM AUQ) 1996-2003
 A3 1,6FSI (BAG) 2003-2006
 S3 1,8Turbo (AMK APY BAM) 1996
 A4 1,8Turbo (ADR AEB AJL AJP ANB APU AVJ AWT) 1994-2006
 A6 1,8Turbo (ADR AEB AJL AJP ANB APU AVJ AWT) 1994-2006
 Cabriolet 1,8 (ADR) 1997-2000
 TT 1,8Turbo (AJQ APP APX AUM AUQ BAM) 1998-2006

Volkswagen:

Beetle 1,8Turbo (AVC) 1999-2006
 Touran 1,6 FSI (BAG BLP) 2003-2007
 Golf 1,8Turbo (AGN AGU AQA ARZ AUM AUQ) 1997-2005
 Bora 1,8Turbo (AGN AGU AQA ARZ AUM AUQ) 1997-2005
 Passat 1,8Turbo (ADR AEB ANB APT APU ARG AWT) 1996-2005

Seat:

Sharan 1,8Turbo (AJH AWC) 1997-2007
 Ibiza 1,8Turbo (AQX AYP) 1999-2002
 Cordoba 1,8Turbo (AQX AYP) 1999-2002
 Leon 1,8Turbo (AJQ AQN APG APP APT ARYAUAUQ) 1999-2005
 Toledo Turbo (AQN APG APT ARY AUQ) 1999-2005
 Alhambra 1,8Turbo (AJW AWC) 1997-2007

Skoda:

Octavia 1,8FSI Turbo (AGN AGU ARX ARZ AUM) 1996-2005
 Octavia 1,8Turbo 20V RS (AUQ) 2000-2006
 Oktavia 1,6FSI (BLF) 2004-2007

Item #
8261



Double-Joint Pliers with Straight Tips

- for hard to reach places such as behind interior trim, instrument panel, engine compartment, etc.
- very small even when fully opened
- heavy duty 2-component plastic handle
- length 350 mm

Item #
534



Double-Joint Pliers with Offset Tips

- for hard to reach places such as behind interior trim, instrument panel, engine compartment, etc.
- very small even when fully opened
- heavy duty 2-component plastic handle
- length 350 mm

Item #
535



Digital Torque Adaptors

- allows you to use a ratchet like a torque wrench
- accuracy +/- 2%
- for right- and leftside operation



Item #	Description
979	Digital Torque Adaptor, 1/4", 6-30 Nm
978	Digital Torque Adaptor, 3/8", 27-135 Nm
977	Digital Torque Adaptor, 1/2", 40-200 Nm



300-piece Aluminum Seal Assortment

- especially suitable for oil drain plugs
 - suitable for all popular vehicles
 - sizes:
- | | | | | | |
|----------|-----------|-----------|-----------|-------------|-----------|
| 5x 9x1,0 | 8x14x1,5 | 12x16x1,0 | 14x20x1,5 | 18x24x1,5 | 22x29x1,5 |
| 6x10x1,0 | 9x14x1,0 | 12x16x1,5 | 14x20x2,0 | 20x24,5x1,5 | 24x29x1,5 |
| 6x12x1,0 | 10x14x1,0 | 12x18x1,5 | 16x20x1,5 | 20x24,5x0,8 | 24x32x2,0 |
| 8x12x1,0 | 10x14x1,5 | 13x18x1,0 | 16x22x1,5 | 19x26x2,0 | 26x34x2,0 |
| 8x14x1,0 | 10x16x1,0 | 14x18x1,5 | 18x22x1,5 | 22x27x1,0 | 28x36x2,0 |

Item #
8143



Counter Sales Display

- display made of 5 mm coated steel wire
- holder for ads
- height 230 mm, depth 185 mm, width 230 mm
- sold without tools



Item #
60



Blank Key for Security Cylinder Locks Art. 8091-8094

- single blank key
- usually this key type is not available in stores.
- with this blank key every locksmith can copy a key for your cylinder lock

Item #
8099

