

Air Sander Set

- perfect for all applications around the car body and all other metal surfaces
- can be used with brown aluminum oxide and grain sizes from 46 - 100
- for removing old paint, rust, dirt etc.
- 4 different caps included
- reuses the sandblast material, only low consumption
- for 6.3 mm (1/4") air hoses
- working pressure: 3.2 - 9.2 bar
- max. air consumption: 350 l/min

Item #	Description
3243	Air Sander Set
3243-1	Replacement Nozzle for Art. 3243
3243-TASCHE	Sandblast Bag for BGS 3243



Air Window Seal Cutter

- easy removal of glued car windows
- incl. hose and knife
- connection: 6.3 mm (1/4")
- air consumption 113 l/min

Item #
3218



Air Window Seal Cutter

- for cutting out glued vehicle windows
- includes one cutting knife (BGS 3219)
- oscillation: 20,000
- cutting distance: 76 mm
- compressed air connection 6.3 mm (1/4")
- air hose 10 mm
- avg. air consumption: 170 l/min
- working pressure: 6.3 bar (90 psi)
- noise level: LpA= 85 dB(A) / LwA= 96 dB(A)
- vibration level: aH= 10.294 m/s² / K= 1.5 m/s²
- power supply: 860 g

Item #
9291



Cutting Knives Set for Air Window Seal Cutter | for BGS 3218 & 9291 | 7 pcs.

- in different shapes, lengths and widths
- straight, blade length: 35 mm
- offset, blade length: 52 mm
- offset, blade length: 86 mm
- bent, blade length: 16 mm
- bent, blade length: 35 mm
- bent, blade length: 59 mm
- bent, blade length: 86 mm
- drive: 19 mm 12-pt.
- for air window seal cutter BGS 3218 & 9291



Item #
3256



Cutting Knife | for BGS 3218 & 9291

- for BGS 3218 & 9291 (Air Window Seal Cutter)



Item #	Description
3258	Replacement Knife, half round for BGS 3218 & 9291 2 x 36 mm 2 pcs.
3257	Cutting Knife, half round for BGS 3218 2 x 24 mm 2 pcs.
3219	Cutting Knife for BGS 3218 & 9291 52 x 1 mm



Air Spray Bottle | Aluminium | 650 ml

- ideal for spraying e. g. cleaner (brake cleaner), rust converter & anti rust liquids
- 2 adjustable spray jet patterns:
 1. folded-in nozzle needed for wide spray jet
 2. folded-out nozzle needle for narrow spray jet
- long nozzle needle is particularly suitable for narrow areas which are difficult to access
- aluminium bottle, designed for long service life
- universal filling valve (Schrader valve) for easy compressed air filling
- safety valve prevents applying excessive pressure
- max. operating pressure: 6.3 bar (90PSI)
- max. filling capacity: 650 ml
- operating capacity: 50 - 350 ml



Item #	Description
9393	Air Spray Bottle Aluminium 650 ml
9393-1	Spare Nozzle for Spray Bottle for BGS 9393

Catalytic Converter Pressure Cleaner

- for injecting detergent into the catalytic converter & diesel particle filter
- universally applicable for all models
- stainless steel tank
- aluminium base for secure stand
- working pressure range: 3 - 7 bar
- max. filling capacity: 650 ml
- hose material: nylon
- hose diameter: 4 x 6 mm
- hose length: 2.7 m

Item #
9417



CV Boot Air Assembly Tool | 25 - 115 mm

- material: aluminium
- expanding range: 25 - 115 mm
- Compressed air connection: 1/4"

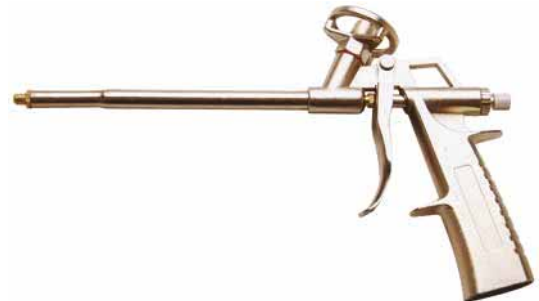
Item #
162



Foam Gun for cartridges

- for PU foam
- adjustable foam flow
- tube length: 200 mm

Item #
3267



Air Riveter

- suitable for aluminium rivets in sizes 2.4 - 3.2 - 4.0 - 4.8 mm
- pulling power: 720 kg
- air consumption 0.86 l/min
- stroke length: 14 mm
- compressed air connection 6.3 mm (1/4")
- working pressure 6.2 bar

Item #
3284



Air Caulking Gun | for 310 ml Cartridges

- for permanent sealing materials, adhesive paste, groove sealants etc.
- for paper, aluminium and plastic cartridges
- with pressure release, avoids material leakage of the sealing compounds
- controller for quantity adjustment



Item #
3514



Air Grease Gun | 400 cm³

- volume: 400 cm³
- incl. flexible and rigid delivery tubes
- 6.3 mm (1/4") compressed air connection
- working pressure: 6.2 bar (90 psi)
- noise level: LpA = 85.1 dB(A) / LwA = 96.1 dB(A)
- vibration level: ahd = 0.51 m/s² K = 0.55 m/s²



Item #	Description
3236	Air Grease Gun 400 cm ³
3236-1	High-Pressure Hose Made of Flexible Nylon for BGS 3236

Air Hammer Kit | for 10 mm round Chisel | 7 pcs.

- suitable for work on car body and for mechanics
- plastic coated air hammer
- 4 chisel with different profiles
- quick release head
- strokes per min.: 3.500
- air consumption: 179 l/min
- chisel shank: round, 10 mm
- stroke: 67 mm
- working pressure 6.2 bar
- air connection: 6.3 mm (1/4")
- especially for use with vibro chisel set BGS 8436
- length: 170 mm
- weight: 1.6 kg



Item #
3515



Air Needle Scaler

- ideal for removing rust and paint
- stroke: 3500 bpm
- max. pressure: 6.2 bar
- air consumption 198 l/min
- air inlet: 6.3 mm (1/4")
- length: 330 mm
- weight: 1.9 kg



Item #	Description
8540	Air Needle Scaler
8540-1	Repair Kit for BGS 8540

Pneumatic Fuel Suction Device | 40 l

- for extracting gasoline and diesel fuel
- allows an easy emptying of tanks, fuel pumps, tank sensors or emptying wrongly filled tanks
- 3 suction tubes Ø 6 - 8 - 10 mm, 2 m long
- suction power: 5 l/min
- working pressure: 5 - 8 bar
- air consumption 170 l/min
- compressed air connection 6.3 mm (1/4")



Item #
8702



Air Multi-Functional Tool "3-IN-1"

- versatile 3-in-1 air tool: delta sander - saw - scraper
- powerful operation due to the high vibration
- perfect for working in hard to reach areas and close to corners
- triangular sanding pad: 76 mm (3"), 45°
- working pressure 6.2 bar
- air inlet: 6.3 mm (1/4")
- max. oscillations: 18000 bpm
- air consumption 170 l/min
- noise $L_{pA} = 86 \text{ dB(A)}$ / $L_{wA} = 97 \text{ dB(A)}$
- vibration: 3.62 m/s^2



Item #	Description
8580	Air Multi-Functional Tool "3-IN-1"
8580-1	Saw Blade straight for BGS 8580
8580-3	Knife / Scraper Set for BGS 8580
8580-4	Saw Blade offset for BGS 8580
8580-5	Abrasive Pad Holder for BGS 8580



Combination Air Nailer | 50 mm

- suitable for brads 10 - 50 mm (18GA) and narrow crown staples 10 - 40 mm (18GA)
- air inlet: 6.3 mm (1/4")
- working pressure range: 4 - 8 bar
- max. pressure: 8.3 bar
- air consumption: 1.4 l/min (at 4 bar)
- noise level: LpA = 79.9 dB(A) / LwA = 92.9 dB(A)
- max. magazine capacity 100 pcs.
- power supply: 1.5 kg

Item #
32801



Pneumatic Special Oil | 100 ml

- recommended for all BGS air tools (regular lubrication guarantees high performance in daily use)
- for increasing machine service life
- with cap

Item #
9460



Needle scaler Head | 10 mm round shank

- for all pneumatic chisels with 10 mm round shaft
- ideal for removing rust and paint
- length 230 mm

Item #
3515-1



Impact Chisel Set

- ideal for loosening rusty bolts and components
- chisels have different profiles to facilitate dismantling and protect the surface of components
- using these tools has a rust-removing effect and ensures deep entering of rust removers
- suitable for ball joints, bearings, bushings, sleeves etc.
- for all air chisels with 10 mm hexagon and round adaptor, e.g. BGS 3515

Item #
8436



Air Hammer Drift Set | 6 pcs.

- allows the extraction of shafts, screws, etc. if stuck in deep holes
- includes the six most commonly used sizes: 5.2 - 6.5 - 6.9 - 7.7 - 9.3 and 12.7 mm
- round shaft, Ø 10 mm
- length: 177 mm

Item #
8943



Hammer Set for Air Impact Hammers | 4 pcs.

- for working on sheet metal parts
- suitable for sensitive surfaces, e.g. aluminium body parts
- includes hammer heads made of nylon, copper, aluminum and polished steel
- 10 mm round shank

Item #
9002



Air Hammer Chisel Set | 5 pcs.

- for using with air hammer (e.g. BGS 3515)
- includes the following chisels:
 - straight chisel
 - spot weld chisel
 - pipe cutting chisel
 - edging chisel
 - taper punch
- 10 mm round shank
- material: manganese steel (65)

Item #
9182



Exhaust Pipe Chisel for Inner Pipes

- length: 200 mm
- chisel width 30 mm
- material: steel (SCM440)
- drill shaft diameter: 10 mm

Item #
9179



Exhaust Pipe Chisel for Outer Pipes

- length: 200 mm
- chisel width 30 mm
- material: steel (SCM440)
- drill shaft diameter: 10 mm

Item #
9180



Impact Loosening Lever for Air Hammers

12.5 mm 1/2"

- for loosening tightly fitted screw connections
- suitable for e.g. air hammer BGS 3515 and other air hammers with 10 mm shafts
- 100 mm lever with 12.5 mm (1/2") square drive
- 560 mm impact shaft

Item #
25151



Air Pressure Regulator | 0.275 - 11 bar

- continuously variable from 0.275 to 11 bar
- protects air tools by reducing the air pressure from the compressor
- can be mounted directly on the air tool or connected to the compressor / air distributor
- dimensions: 33 x 45 x 55 mm

Item #
3263



Air Filter / Oiler Unit with Pressure Regulator

- for filtering and oiling of compressed air
- can be screwed on a wall
- max. pressure: 15 bar
- air inlet and outlet: 6.3 mm (1/4")
- pressure gauge adjustable 0 to 10 bar
- oil adjustable in 10 steps

Item #
8603



Exhaust Air Hose for Air Tools | 530 mm

- keeps dirt air away from the car
- lowers the noise level
- air inlet and outlet: 6.3 mm (1/4")

Item #
68010



Air Plug | 6.3 mm (1/4")

- wear part for pistol-grip air inflators e. g. BGS 3201, 55400, 55410
- fixed with hose clamp (not included)

Item #
68012



Automatic Air Oiler | Hose Connection 6.3 mm (1/4")

Item #
3241



Air Rotary Connector

- can be used with e.g. air safety quick coupler BGS 9288 and BGS 9289
- air connecting thread: 6.3 mm (1/4")

Item #
9377



Air Safety Quick Coupler | 2-Step Loosening Function | 6,3 mm (1/4") Female Thread

- prevents "flyaway" of the coupling when unlocked
- 2-step uncoupling of the air tools
1. step: coupler is loosened, air can escape, quick coupler remains fixed to the air tool
 2. step: quick coupler can now safely be disconnected from air tool

Item #
9288



Air Safety Quick Coupler | 2-Step Loosening Function | 6,3 mm (1/4") Male Thread

- prevents "flyaway" of the coupling when unlocked

2-step uncoupling of the air tools

- 1. step: coupler is loosened, air can escape, quick coupler remains fixed to the air tool
- 2. step: quick coupler can now safely be disconnected from air tool

Item #
9289



Air Nipple | 6.3 mm (1/4") external Thread

- for various air tools

Item #
3222



Air Nipple | 6.3 mm (1/4")

- suitable for most pneumatic tools of small and medium sizes
- external thread: 6.3 mm (1/4")

Item #
3222-1



Air Thread Coupler | 6.3 mm (1/4") internal Thread

- for air hoses
- ball headed joint
- 360° turnable

Item #
3227



Air Thread Coupler | 6.3 mm (1/4") external Thread

- for air hoses
- ball headed joint
- 360° turnable

Item #
3228



Air Quick Coupler

- brass
- for air hoses
- 6 mm long hose nozzle

Item #
3226



Air Quick Coupler with 8 mm Hose Connection

- fits on most pneumatic tools of small and medium sizes
- is required for connecting hoses

Item #
3226-1



Air Nipple with 8 mm Hose Connection

- fits on most pneumatic tools of small and medium sizes
- is required for connecting hoses

Item #
3222-2



Air Nipple with 10 mm Hose Connection

- fits on most pneumatic tools of small and medium sizes
- is required for connecting hoses

Item #
3222-3



Air Nipple | 10 mm (3/8")

- fits on most pneumatic tools of small and medium sizes
- external thread: 10 mm (3/8")

Item #
3222-4



Plastic Repair Kit | cordless

- for repairing cracks in plastic parts thicker than 1 mm
- suitable for plastic with max. 40% glass fiber content
- suitable for plastic bumpers, panels, brackets, etc.
- this tool heats up the clamps to a temperature between 100 and 200° C so that they can connect the breaking points and bring back material stability
- can also be used for enforcing strongly used areas in plastics
- includes: heating unit, charger, battery, V-shaped repair clamps 0.6 mm and U-shaped repair clamps 0.6 mm, 0.8 mm



Item #
868



Plastic Repair Set

- for repairing cracks in plastic parts thicker than 1 mm
- suitable for plastic with max. 40% glass fiber content
- suitable for plastic bumpers, panels, brackets, etc.
- includes repairing clamps in V-shape 0.6 mm, U-shape 0.6 mm and U-shape 0.8 mm
- this tool heats up the clamps to a temperature between 100 and 200° C so that they can connect the breaking points and bring back material stability
- can also be used for enforcing strongly used areas in plastics



Item #	Description			
873	Plastic Repair Set			
873-1	Repair Staples	U-Type	Ø 0.6 mm	100 pcs.
873-2	Repair Staples	U-Type	Ø 0.8 mm	100 pcs.
873-3	Repair Staples	V-Type	Ø 0.6 mm	100 pcs.

Cordless Caulking Gun | Li-Ion | 10.8 V

- durable industrial seal gun for silicone, acrylic, grease, assembly adhesives, etc.
- with 10.8 V Li-Ion battery
- additional batteries available under BGS 9916
- suitable for 400 ml cartridges or bags
- allows quick and clean application
- automatic reverse function avoids pressure in the system and prevents the leakage of liquids
- adjustable feed speed from 1 - 5.0 mm/s
- gear rack pushing bar
- one battery charge allows processing of multiple silicone cartridges
- thrust power: 450 kg
- dispensing gun weight: 2.2 kg
- dispensing gun
- battery
- battery charger



Item #
8496



Hot Air Gun | 2000 W

- 2 temperature steps, 400° C / 600°C

suitable for:

- shrinking of shrink down tubing and packaging material
- soldering of non insulated cables and cable lugs
- loosening of uninsulated solder joints
- forming and welding of plastics
- drying of surfaces
- acceleration of adhesive processes
- de-frosting of icy stairs, steps, door locks, etc.
- removing old paint
- disinfection of surfaces
- heating of engines and transmission parts for assembly

- capacity: 2000 W
- power supply voltage (AC) 230 V
- feed line: 1,8 m

Item #
8495



Digital Electronic Soldering Station

- ideal for electricians, schools, car electricians and for development and production
- soldering iron holder and cleaning sponge
- digital LCD temperature display simultaneously shows the set and actual temperature
- compact design
- electronic temperature control
- reaches set temperature after a short time
- secure, low operating voltage on soldering iron
- temperature pre-selection by 200°, 300°, 400° buttons, fine adjustment is done via + and - buttons
- conversion button for switching the unit from °C to °F
- potential equalization socket for protecting sensitive components
- error is shown on the display and by an acoustic signal
- power supply: 220 to 240 volts / 50 Hz
- fuse: T1 A/250 V 50 x 20 mm glass tube
- temperature range: 150° C to 450 ° C
- soldering iron power: 48 Watt (24 V)
- temperature display: LCD display 2x 3 ½ digits
- display area: 150 ° C to 450 ° C
- accuracy: 5% air pressure: 600 hPa to 1000 hPa
- working temperature range: +5 ° C to +40 ° C
- relative humidity: 85%
- weight approx. 1.8 kg
- tool dimensions: 210 x 125 x 135 mm
- length: 210 mm
- width: 125 mm
- height: 135 mm

Item #
8612



Cordless Drill | max. 800 rpm | Li-Ion | 10.8 V

- 10.8 V (DC) handy cordless drill driver
- cordless drill machines
 - no-load current: 2.2 A
- battery charger
 - for gentle charging at all charging stages
 - charging time: approx. 1 hour (with automatic shut-off)
- 2 Li-Ion batteries
 - low self discharge
 - suitable for quick charging
 - powerful and durable
- max. torque: 11 Nm
- battery charging time: 1 h
- battery voltage 10.8 V
- battery type: Li-Ion
- idle speed: 0 - 800 rpm
- weight (without Li-Ion battery pack): 0.75 kg



Item #
9931



Cordless Polisher and Grinder Set | in Tool Tray for Workshop Trolleys | 10.8 V | 8 pcs.

- suitable for daily heavy-duty workshop use
- polisher:
 - speed: 3000 rpm
 - torque: 34 Nm
 - power supply: 875 g
- grinder:
 - speed: 22000 rpm
 - torque: 62 Nm
 - power supply: 805 g
 - hook and loop plate: 73 mm
- worklight:
 - brightness: 160 / 35 Lux
 - operation time: 9 / 35 h
 - weight: 433 g
- Li-Ion battery
 - voltage: 10.8 V
 - charging time: 1 hour
 - weight: 185 g
- tray size: 285 x 405 mm (1/2 drawer)
- replacement battery Li-Ion available as BGS 9916
- replacement charger available as BGS 9917
- includes the following tools:
 - 1 polisher
 - 1 grinder
 - 1 worklight
 - 2 high-performance batteries
 - 1 electronically controlled charger for gentle charging at any charging stage with automatic shut-off
- battery charging time: 1 h
- battery voltage 10.8 V
- battery type: Li-Ion



Item #
4019



Replacement Battery | Li-Ion | 10.8 V

suitable for:

- Li-Ion battery ratchet BGS 4018
- Li-Ion battery polisher and grinder set BGS 4019
- Li-Ion battery cordless drill BGS 9931
- Li-Ion battery cordless caulking gun BGS 8496

- battery voltage 10.8 V
- battery type: Li-Ion

Item #
9916



Cordless Polisher | max. 3.000 rpm | 10.8 V | 1.3 Ah

- for polishing of small surfaces
- electronic speed control, variably adjustable
- free-load speed 1.500 – 3.000 rpm
- pad diameter Ø 100 mm
- shaft thread M10
- machine weight: about 820 g
- noise level LpA 71 dB(A), KpA 3 dB(A), LwA 82 dB(A), KwA 3 dB(A)
- vibration level aH= 2.68 m/s², K= 1.5 m/s²
- battery: Li-Ion 10.8 V / 1.3 Ah
- charger input voltage 100 - 240 V AC, 50 - 60 Hz, 30 W



Item #	Description
9259	Cordless Polisher max. 3.000 rpm 10.8 V 1.3 Ah
9259-1	Replacement Battery Li-Ion 10.8 V / 1.3 Ah for BGS 9259
9259-2	Quick Charger for BGS 9259
9259-3	Sanding Plate with Hook and Loop Ø 100 mm for BGS 9259
9259-4	Dusters Ø 100 mm 3 pcs. for BGS 9259
9259-5	Sanding Plate with Hook and Loop Ø 80 mm for BGS 9259
9259-6	Dusters Ø 80 mm 3 pcs. for BGS 9259



Cordless Angle Grinder | 7.000 rpm | 20 V | 1.5 Ah

- for cutting and grinding
- powerful, lightweight and well-balanced
- cutting disc size: 115 mm
- max. drive speed 7000 rpm
- dimensions (case): 355 x 130 x 300 mm
- machine weight: about 1.5 kg
- weight with case: about 3.8 kg
- noise level: LPA 76.2 dB(A), LWA 87.2 dB(A)
- vibration level: ah = 4.272 m/s² (K = 1.5 m/s²)
- battery: Li-Ion 20V / 1.5 Ah
- charger: 230 V AC, 50 Hz

Item #	Description
9258	Cordless Angle Grinder 7.000 rpm 20 V 1.5 Ah
9258-1	Replacement Battery Li-Ion 20 V / 1.5 Ah
9258-2	Quick Charger for cordless angle Grinder 230 V for BGS 9258



Soldering Iron | 60 W

- suitable for soldering of up to 6 mm² cables
- flat, coated tip

Item #
9948



Automatic Cable Reel | 15 m

- with automatic reel stop, can be unlocked by briefly pulling the cable
- swivable holder
- for wall mounting, with mounting bracket
- cable diameter 3 x 1.5 mm²
- cable length 15 m + 1 m feed line
- voltage suitable for 230 V
- dimensions: 295 x 165 x 330 mm
- length: 295 mm
- width: 165 mm
- height: 330 mm
- weight: 4.5 kg



Item #	Description
3321	Automatic Cable Reel 15 m
3321-1	Mounting Bracket for Automatic Cable Reel BGS 3321



Cordless Impact Wrench | 520 Nm | max. 2.000 rpm | 18 V

12.5 ■ 1/2

- for loosening and tightening of screws and nuts, esp. wheel nuts
- 18V li-ion battery for long operation time and high power
- rated voltage: 18V DC
- rated speed: 0 - 2.000 rpm
- rated impact: 0 - 3.200 bpm
- drive: 12.5 mm (1/2") square
- max. torque: 520 Nm
- noise level:
 - LpA: 99.6 dB(A) K= 3dB(A)
 - LwA: 110.6 dB(A) K= 3dB(A)
- vibration level: ah: 17.95 m/s² K=1.5 m/s²
- battery pack: 18V / 4.000 mAh Li-Ion
- mains charger:
 - input 100-240V AC / 50Hz / 75W
 - output 18V DC / 2.500 mA
- charging time: 100 min
- delivered in a handy carrying case



Item #	Description
9919	Cordless Impact Wrench 520 Nm max. 2.000 rpm 18 V
9923	Replacement Battery for Cordless Impact Wrench BGS 9919
9924	Quick Charger for Cordless Impact Wrench BGS 9919
9919-REP01	Repair Kit "Hammer Mechanism" for Cordless Impact Wrench BGS 9919
9919-REP02	Repair Kit "Motor" for Cordless Impact Wrench BGS 9919
9919-REP03	Repair Kit "Housing" for Cordless Impact Wrench BGS 9919



Induction Heater

principle of operation:

- there is an alternating magnetic field, the metallic object (e.g. nut), in the induction coil, acts on the induced eddy currents as an electrical resistance and thus heats up.
- allows heating of screws/nuts without heating surrounding components too much or even destroying them, as it is often the case when heated with a torch
- within the shortest possible time, e.g. rusty nuts are heated and can be loosened
- using for e.g. ball joint pinch bolts and other items on axle and engine
- a formless coil (length: 800 mm) allows using the device also for heating of components (bearings, etc.) e.g. bearings in which the heating facilitates disassembly or assembly
- includes the following induction coils
 - induction coil: 19 mm, length: 220 mm (for Ø 10-16 mm)
 - induction coil: 27 mm, length: 220 mm (for Ø 17-24 mm)
 - induction coil: 50 mm, length: 235 mm (for heating small surfaces)
 - formless coil, 780 mm, for heating of components
- max. power: 1.5 kW
- max. current: 7.5 A
- length: 200 mm
- width: 140 mm
- height: 75 mm
- power supply: 4.5 kg
- power supply frequency 50 - 60 Hz
- power supply voltage (AC) 230 V
- protection class IP 20



Item #
2169



Induction Coil Set for Induction Heater | angled 90° | for BGS 2169 | 8 pcs.

- for heating screws, nuts, shafts, etc.
- suitable for induction heater BGS 2169
- angled 90° type
- wire diameter: 4 mm
- coil height: approx. 23 mm
- length approx. 220 mm
- includes coils with the following internal diameters
15 - 19 - 20 - 23 - 26 - 32 - 38 - 45 mm

Item #	Description
2169-1	Induction Coil Set for Induction Heater angled 90° for BGS 2169 8 pcs.
2169-4	Induction Coil for Induction Heater 19 mm angled 90° for BGS 2169
2169-6	Induction Coil for Induction Heater 25 mm angled 90° for BGS 2169
2169-1-32	Induction Coil for Induction Heater 32 mm angled 90° for BGS 2169
2169-1-38	Induction Coil for Induction Heater 38 mm angled 90° for BGS 2169
2169-1-45	Induction Coil for Induction Heater 45 mm angled 90° for BGS 2169



Induction Coil Set for Induction Heater | straight type | for BGS 2169 | 8 pcs.

- for heating screws, nuts, shafts, etc.
- suitable for induction heater product 2169
- straight type
- wire diameter: 4 mm
- coil width: approx. 23 mm
- length approx. 230 mm
- includes coils with the following internal diameters
15 - 19 - 20 - 23 - 26 - 32 - 38 - 45 mm

Item #	Description
2169-2	Induction Coil Set for Induction Heater straight type for BGS 2169 8 pcs.
2169-2-32	Induction Coil for Induction Heater 32 mm straight type for BGS 2169
2169-2-38	Induction Coil for Induction Heater 38 mm straight type for BGS 2169
2169-2-45	Induction Coil for Induction Heater 45 mm straight type for BGS 2169



Induction Wires for Induction Heater | for BGS 2169

- suitable for heating screws, nuts, shafts, etc.
or for heating of metal sheets (body parts)
- suitable for induction heater BGS 2169
- wire diameter: 4 mm

Item #	Description
2169-3	Induction Wire for Induction Heater for BGS 2169
2169-5	Induction Coil for Induction Heater flat for BGS 2169
2169-8	Induction Coil for Induction Heater with ceramic protection for BGS 2169



Induction Coil, for Induction Heater | for small surfaces | for BGS 2169

- allows a pinpoint heating
- especially suitable for heating of components which are difficult to access e.g. bearing rings in gearboxes, etc.

Item #
2169-9



AUTOMOTIVE TOOLS

435

Speciality Tools Motorbike	436
Speciality Tools SUV and Trucks	456
Speciality Tools Car	464
Brake	464
Electrics	491
Gearbox / Axle / Steering	500
Car Body / Interior	555
Cooling System / Heating / Air Conditioning	591
Engine & Attachments	594
Workshop Equipment	754
Container / Funnel / Pumps	754
Leverss / Cross Beams / Cranes	758
Hydraulic	763
Caulking Guns & Grease Guns	764
Lights	767
Magnetic Lifters, Pick-up Tools & Mirrors	772
Mounting Levers, Pry Bars	777
Oil service	778
Test Devices	809
Tyre Service	834
Cleaning Devices	846
Creepers, Knee Pads and Protective Pads	847
Consumables	852
Floor Jacks & Axle Stands	890
Workshop Presses	894
Car Accessories	895

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Tyre Lever with Aluminium Handle | for Motorcycles | 390 mm

- rounded edges
- ideal size for comfortable working
- aluminium handle for extra convenience - no fatigue limit !
- surface finish: chrome plated

Item #
1528



Tyre Lever | for Motorcycles | 370 mm

- plastic handle
- surface finish: chrome plated

Item #
1529



Spring Compressor Set | for Motorcycles | 2 pcs.

- facilitates assembly of springs on the spring strut
- max. opening width: 100 mm
- 3/8" and 17 mm drive
- rubber protection on the tensioning claws prevents damage to the spring coating
- made from high grade steel
- housing material: stainless steel
- suitable for cylindrical springs with a wire diameter up to 11 mm

Item #
991



Spring Tensioner | for Upside-Down Forks

- helps to save time, one-man operation
- for pre-tensioning of fork springs
- suitable for most common Upside-Down forks
- 340 to 800 mm clamping range
- made for springs up to 2350 N
- length 570 mm

Item #
1174



Spring Compressor Set | for Harley Davidson

- two sets in one: suitable for 39 mm and 41 mm front fork springs
- includes pre-clamping pieces for assembly of fork caps
- special socket for disassembly and assembly of fork cap
- 195 mm long clamping spindle with a diameter of 18.6 mm

Item #
992



Bit Set | for Motorcycles | internal Hexagon 10 mm (3/8")

12.5 1/2

- is required when working on motorcycle axles and forks
- adaptor with retaining ball
 - 12.5 mm (1/2") drive
- bit sizes: 17 - 19 - 22 - 24 mm, 10 mm (3/8") shank

Item #
5060



Motorcycle Special Socket | 10 mm (3/8") | 17 - 19 - 22 - 24 mm

10 3/8

- suitable for wheel axles
- 4 different internal hexagon sizes: 17 - 19 - 22 - 24 mm
- suitable for Yamaha, Kawasaki, BMW, Suzuki, Honda

Item #
5058



Motorcycle Special Socket | 19 - 22 - 24 mm

- three different internal hexagon sizes:
 - 19 mm for Yamaha
 - 22 mm for Kawasaki, BMW
 - 24 mm for Suzuki, Honda, BMW K1, K1000
- for assembling / disassembling of the full floating axle
- 19 or 22 mm hexagon drive socket (socket not included)

Item #
5059



Clutch Cage Holder

- application: graps into the clutch driver grooves and arrests it so that the central nut can be loosened securely
- bolt diameter: 5 and 9 mm

Item #
1713



Chain Cutter | for Chains 3/8" - 5/8"

- to separate motorcycle O-ring, X-ring and conventional chains

Item #
1743



Chain Cutter | for Chains 3/4" - 1 1/4"

- to separate motorcycle O-Ring, X-Ring and conventional chains

Item #
8634



Chain Adjusting Tool | for Ducati | Triumph

- for turning the eccentric hub and adjusting the chain tension
- material: Stainless steel



Item #	Description
5086	Chain Adjusting Tool for Ducati 748 916 996 998
5087	Chain Adjusting Tool for Ducati 1098 / 1198
5088	Chain Adjusting Tool for Triumph



Riveting Tool | for Motorcycle Chains

- for separating and riveting chains
- suitable for hollow rivet chain locks, for chain sizes 35 - 525
- 3 separating tips included: 2.2 - 2.9 - 3.8 mm



Item #
8802

Chain Cleaning Brush | for Motorcycle Chains | 250 mm

- U-shaped brush allows easy drain cleaning
- extends the life of the chain



Item #
8362

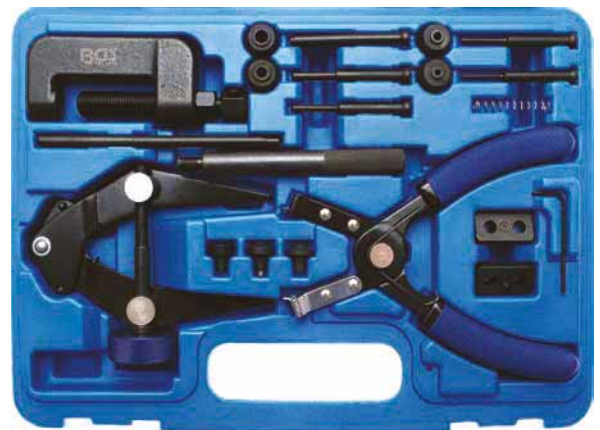


Motorcycle Chain Tool Set | 21 pcs.

- is required when replacing motorcycle chains

includes the following 3 chain service tools:

- chain lock clip pliers for removal and installation of chain lock clips
- chain holding tool, holds both ends of the chain together
- extensive chain link separating and riveting tool, for disassembly and assembly of drive and timing chains
- drift punch diameter: 2.2 - 2.9 - 3.8 - 4.8 mm



Item #
8867

Axle Nut Sockets | for Ducati | 8 pcs.

12.5  1/2

- for removal of the front and rear wheels
- aluminium alloy steel, anodized
- 12.5 mm (1/2") drive
- 2-in-1 combined socket
- axle nut socket, 12-point, 55 mm for rear axle nut
- axle nut socket, 12-point, 46 mm for front axle nut
- axle nut socket, 12-point, 28 mm for rear axle nut
- axle nut socket, hexagon, 41 mm for front axle nut
- axle nut socket, hexagon, 30 mm for front axle nut
- axle nut socket, hexagon, 28 mm for rear axle nut



Item #
5061

Special Socket | for axle Nuts | for Ducati

12.5  1/2

- for loosening / tightening axle nuts
- suitable for following Ducati models: 1098, 1198 Streetfighter or Multistrada, 1200, 748, 848, 916, 996, 998, Hypermotard, Multistrada, Monster, Supersport, Sport Classic
- 12-pt, 55 mm for rear wheel axle nuts
- 6-pt, 28 mm for front wheel axle nuts
- aluminium alloy steel, anodized



Item #
5071

Fork Cap Wrench | for Öhlins Forks

12.5  1/2

- suitable for most Öhlins models
- for disassembly and assembly of the upper fork tube caps
- rubber pad prevents damage to the nut
- 12.5 mm (1/2") and hexagon drive
- material: aluminium alloy
- surface finish: anodised



Item #
5062

Front Axle Alignment Tool | for Ducati | Ø 30 mm

- allows mounting and aligning of the front wheel axle when tightening the axle nut
- suitable for Ducati 848, 1098, 1198 and other models with 30 mm axle inner diameter
- material: aluminium alloy
- surface finish: anodised



Item #
5068

Front Axle Alignment Tool | for Ducati | Ø 25 mm

- allows mounting and aligning of the front wheel axle when tightening the axle nut
- suitable for Ducati 999, ST2, ST3, ST4, 620SS, 800SS, 1000SS and other models with 25 mm axle inner diameter
- material: aluminium alloy
- surface finish: anodised

Item #
5069



Groove Nut Socket for Suzuki swing arms

12.5 1/2

- suitable for swing arm pivot nuts on following Suzuki motorcycle models: SV 650 / 1000, DL 650 / 1000, GSX-R 750 / 1000 / 1100
- 12.5 mm (1/2") drive
- surface finish: satin chrome plated

Item #
5360



Spoke Torque Wrench | interchangeable Heads | 3 - 15 Nm

6.3 1/4

- rim life is extended by tightening all the spokes with the same torque value
- 10 interchangeable heads with 12 x 9 mm square drive, suitable for the most popular spoke sizes:
 - 5.1 - 5.8 - 6.1 - 6.3 - 6.4 - 6.5 - 6.7 - 6.9 mm
 - ratchet head: 6.3 mm (1/4"), 24-tooth, for sockets
- with quick release button
- torque range: 3 - 15 Nm
- length: 195 mm

Item #
8511



Spoke Wrench Set | for Motorcycles | 10 pcs.

- is required for injecting or re-tightening rim spokes
- sizes: 5.2 - 5.4 - 5.6 - 5.8 - 6.0 - 6.2 - 6.4 - 6.6 - 6.8 - 7.0 mm

Item #
8360



Wire Spoke Wrench

- forged
- with 4 cuts suitable for 6.3 - 5.6 - 5.0 - 4.5 mm nipples
- for tightening wire spokes on a bicycle
- surface finish: chrome-plated

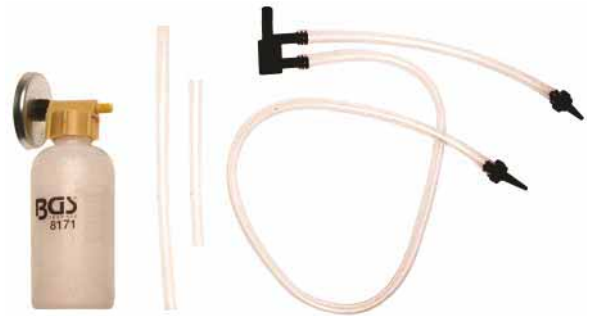
Item #
7180



Brake Bleeding Bottle | for Motorcycles

- allows a bleeding of brake and clutch systems on motorcycles
- magnet for attachment to the frame
- includes 3 adaptors

Item #
8171



Brake Piston Removal Kit | for Motorcycles | 14 pcs.

- suitable for nearly all brands
- for piston diameter 19 to 30 mm
- allows easy disassembly of brake pistons
- especially suitable for deeply stuck brake pistons

Item #
8242



Brake Piston Pliers | for Motorcycles

- for removing the brake pistons
- suitable for scooters, quads and motorcycles
- knurled jaws for better grip
- suitable for piston inside diameter 17 - 40 mm

Item #
8419



Wheel Bearing Tool Set | for Harley-Davidson

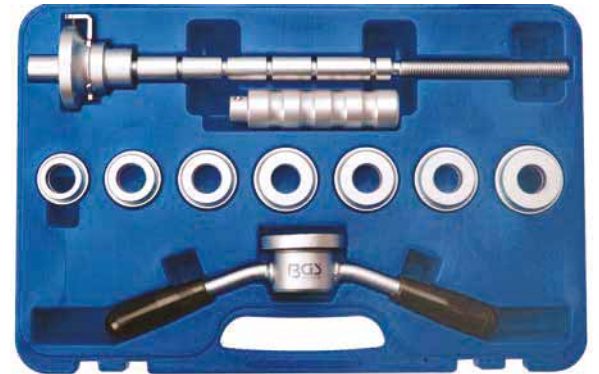
- ideal tool for the assembly and disassembly of wheel bearings without damaging the wheel
- suitable for wheel bearings with 3/4" and 1" inner Ø, built 2000 - 2006 and for 25 mm wheel bearings installed on models from 2007 - 2008 with and without ABS



Item #
8373

Steering Head Bearing Assembly Tool Kit | for Motorcycles

- allows a careful assembly of upper and lower steering head bearings
- suitable for Kawasaki, Honda and Harley Davidson
- Includes:
 - 1 press nut with crank
 - 1 mounting screw
 - 1 nylon washer
 - 2 step rings for Kawasaki
 - 2 step rings for Honda
 - 1 step ring for Harley Davidson
 - 1 washer plate
 - 1 pressure washer
- material: carbon steel
- surface finish: satin chrome-plated



Item #
8461

Fork Seal Driver Set | for Motorcycles | 9 pcs.

- for use on conventional and upside-down forks
- allows quick and convenient replacement of fork seals without disassembling the conventional fork legs
- knurled ring for better grip
- half shells, 2 pcs. 35/36 - 39 - 41 - 43 - 45 - 46/47 - 48 - 49/50 - 54 mm
- surface finish: galvanised, yellow



Item #
8474

Fork Seal Driver | for Motorcycles

- for installing seals into motorcycle forks
- adjustable for fork diameter from 35 to 45 mm
- suitable for many motorcycle types



Item #
8895

Steering Head Bearing Remover | 26 - 35 mm

- allows dismantling of steering head bearings
- suitable for bikes with 26 to 35 mm bearing assemblies
- length: 305 mm



Item #	Description
8509	Steering Head Bearing Remover 26 - 35 mm
8510	Steering Head Bearing Remover 35 - 55 mm



Bowden Cable Oiler

- for easy and accurate maintenance of all cables
- good lubrication of bowden cables increases cable life



Item #
8391



Rotor Puller Set | for Motorcycles | 10 pcs.

- fits Yamaha, Honda, Suzuki, Bosch Kawasaki, Ducati and many others
- includes:
 - M14 x 1,5 (7748-A)
 - M16 x 1,5 (7748-B)
 - M18 x 1,5 (7748-C)
 - M19 x 1,0 (7748-G)
 - M22 x 1,0 - M25 x 1,5 (7748-E)
 - M22 x 1,5 - M26 x 1,5 (7747)
 - M26 x 1,0 - M28 x 1,0 (7748-D)
 - M27 x 1,25 - M20 x 1,0 (7748-I)
 - M27 x 1,0 - M24 x 1,0 (7748-K)
 - M28 x 1,5 (7748-F)



Item #
7748

Rotor Puller

- suitable for generator and ignition system
- M27x 1.00: Honda, Suzuki, Yamaha
- M26x 1.50: Bosch



Item #	Description
7746	Rotor Puller M27 x 1.0
7747	Rotor Puller M22 x 1.5 / M26 x 1.50



Rotor Puller | M22 x 1.5 | for Suzuki motorcycles

suitable for the following Suzuki models:

- GV 1400G (1986 - 1988), LS 650 (1987 - 2009)
- LTA 400 (2002 - 2004), LTA 400 (2006 - 2008)
- LTA 400F (2002 - 2008), LTA 450X (2007 - 2009)
- LTA 500F (2000 - 2007), LTA 700X (2005 - 2007)
- LTA 750X (2008 - 2009), LTF 400 (2002 - 2004)
- LTF 400 (2006 - 2008), LTF 400F (2002 - 2008)
- LTF 500F (1998 - 2007), VL 1500LC (1998 - 2004)
- VL 1500LC C90 (2005 - 2009)
- VS 1400GLP (1987 - 2004)
- VS 1400GLP (Daewoo 2005 - 2009)
- VS 700 GLP (1986 - 1987)
- VS 750 GLP (1988 - 1991), VS 800GL (1992 - 1995)
- Saab 800 as of 1990 - 1993, 1800 as of 2006 - 2007

- material: carbon steel
- surface finish: phosphated

Item #
8466



Rotor Puller | M27 x 1.0 | for Aprilia, Benelli, Beta, CPI, Italjet, KTM, MBK, Yamaha

- left hand thread M27 x 1.0
- M16 clamping spindle with sliding bar
- internal diameter 18 mm

suitable for e.g. the following bicycles:

- Aprilia Area, Gulliver, Scarabeo, Sonic, SR 50, etc.
- Benelli 491 50, K2 50, Naked 50, Pepe 50, etc.
- Beta Ark 50, Eikon 50, Quadra 50 , Tempo 50 etc.
- CPI Aragon 50, Crab 50, Formula 25, GTR 50, etc.
- Italjet Dragster 50KTM Ark 50, Kross 50MBK CS 50, CW 50, EW 50, YH 50, YN 100, etc.
- Yamaha CA 50, CS 50, CW 50, EW 50, YE 50, etc.

- length: 97 mm
- material: steel (S45C)

Item #
8726



Rotor Puller

- for pulling flywheels
- suitable for 5 different internal threads M14 x 1.5 - M16 x 1.5 - M18 x 1.5 - M24 x 1 - M27 x 1
- M24 x 1 - M27 x 1 with 21 mm cut-out for counterholding
- length: 165 mm
- width: 165 mm



Item #
8613

Holding Wrench | for Flywheels and Clutch Baskets

- simplifies removal of flywheels, clutch baskets etc.
- fits most scooters and other 2-stroke engines
- suitable for diameters from 93 to 130 mm



Item #
8457



Clutch Basket Holding Pliers | 300 mm

- for loosening clutch baskets, chain sprockets, etc.
- holding pins (Ø 8 mm x 10 mm length) and 37 mm retaining legs
- max. opening: 125 mm
- locking pliers mechanism
- length: 300 mm



Item #
8944



Flywheel Puller | for KTM, Suzuki, Yamaha

- allows a non-destructive removal of flywheels with an M33 x 1.5 external thread
- size 17 mm

suitable for the following motorcycles:

- KTM: 625 SMC (2006), 640 LC4 ADVENTURE (2004-2007), 640 LC4E (2001), 690 RFR (2008)
- SUZUKI: GSXR 1000 (2001-2008), GSXR 600 (2001-2009), GSX R750 (2000-2008)
- YAMAHA: WR 450F (2004-2008), YFZ 450 (2004-2009)



Item #
8465

Flywheel Puller | for Yamaha, Kawasaki (Jet Ski)

- suitable for Yamaha WR 250F/WR400F and Kawasaki Jet Ski 300/440/550
- facilitates damage-free removal of the fly wheel
- 3x 8 mm screws on a 55 mm round base are connected to the flywheel
- 14 mm pressure spindle with sliding T-handle
- incl. 3 screws M8 x 40 mm

Item #
8248



Valve Spring Compressor Set | 16 - 30 mm

- for smaller engines and motorcycles
- 5 interchangeable bearing drivers
- 100 mm C-Clamp
- includes the following tools:
 - pressure screws 70 mm, 101 and 120 mm length
 - pressure pieces Ø 16 mm, 19 mm, 23 mm, 25 mm, 30 mm
 - telescopic magnetic pick-up tool
 - tweezers

Item #
1768



Alternator Cover Puller | for Ducati

- for removal of the left-hand engine cover
- suitable for Ducati models manufactured in the time period between 1990 and 2009: 600 / 620 / 695 / 696 / 748 / 749 / 750 / 800 / 848 / 851 / 888 / 900 / 906 / 907 / 916 / 996 / 998 / 999 / 1000 / 1078 / 1098 / 1100 / 1198
- material: body made of aluminium alloy steel, anodised, studs and spindle made of carbon steel

Item #
5063



Clutch Basket Holding Tool | for Ducati

- suitable for all current 6-speed Ducati models with dry clutch
- allows a damage free disassembly/assembly of clutch components
- includes retaining bolt for locking the tool
- material: GRP polyamide



Item #
5064



Camshaft Locking Tool | for Ducati 851, 888, 916, 996

- for locking camshaft when replacing the timing belt, checking the engine timing, etc.
- suitable for Ducati models 851, 888, 916 and 996
- material: aluminium alloy
- surface finish: anodised



Item #
5065

Camshaft Locking Tool | for Ducati 4-Valve engines

- for locking camshaft when replacing the timing belt, checking the engine timing
- suitable for Ducati models 748, 916, 996 and Desmoquattro
- not suitable for ST4 or S4 engines
- material: aluminium alloy
- surface finish: anodised



Item #
5066

Camshaft Locking Tool | for Ducati (Testastretta)

- for locking camshaft when replacing the timing belt, checking the engine timing, etc.
- suitable for 4-valve Ducati models 749, 999 with Testastretta engines
- material: aluminium alloy
- surface finish: anodised



Item #
5067

Camshaft Locking Tool | for Ducati | 2 pcs.

- is needed when loosening the central screw of the camshaft wheel
- suitable for Ducati Diavel (Carbon), Monster, Multistrada, Streetfighter and Superbike
- includes two locking tools

Item #
5076



Oil Filter Wrench | 14-point | Ø 74 mm | for BMW Motorcycles

12.5 1/2

- 12.5 mm (1/2") drive
- profile: external 14-point
- diameter: 74 mm

Item #
1043



Oil Filter Wrench | 12-point | Ø 76 mm | for BMW motorcycles

12.5 1/2

- suitable for all BMW motorbikes with Ø 76 mm oil filters, except K1200S / RS
- 24 mm and 12.5 mm (1/2") drive
- aluminium

Item #
5073



Oil Filter Wrench | 14-point | Ø 76 mm | for BMW motorcycles, Ducati, Harley-Davidson

12.5 1/2

- for oil filter Ø 76 mm x 14-pt.
- 24 mm and 12.5 mm (1/2") drive
- aluminium

suitable for the following motorbikes:

- BMW before 2009
- Harley-Davidson
- Ducati

Item #
5074



Oil Filter Wrench | 6-point | Ø 76 mm

12.5  1/2

- suitable for 76 mm oil filters with 6 grooves, installed in:
 - Audi A3, A4, A6
 - BMW motorcycles
 - Citroën C5, Xantia
 - Fiat Brava, Bravo, Punto, Tipo
 - Ford Fiesta, Escort
 - Mercedes Benz cars, Sprinter
 - Peugeot 106, 206, 306, 406
 - Renault Clio, Kangoo, Megane, Laguna, Rapid
 - Honda Accord, Civic, Prelude, CRX
 - Opel Astra G/F, Corsa S/B, Calibra, Zafira, Frontera
 - Suzuki Grand Vitara 1.9 2009
 - VW Golf III and IV, Polo, Passat, Sharan
 - Seat Alhambra, Toledo, Leon, Cordoba
 - Škoda Octavia
- also suitable for fuel filters on Renault Espace, Laguna, R19 and Volvo S40, V40 up to 99
- black coated steel
- profile: groove profile
- diameter: 76 mm



Item #

8539



Flywheel Locking Tool | for Ducati

- for holding the flywheel during loosening / tightening of the flywheel nut
- suitable for the following Ducati models:
 - Monster 400 2002-2008 / Monster 620 2002-2006
 - Multistrada 620 2006 / Sport 620 2003
 - Monster 659 2012-2013 / Monster 695 2007-2008
 - Monster 696 2007-2012 / 748 S/R 2002
 - 749 S/R 2003-2006 / Monster 750 2002
 - Sport 750 2002 / SuperSport 750 2002
 - Monster 795 2012-2013 / Monster 796 2011-2013
 - Hypermotard 796 2010-2012 / Monster 800 2003-2004
 - Sport 800 2003 / SuperSport 800 2003-2007
 - 848 2009-2012 / MH Evoluzione 2002
 - Monster 900 2002 / Sport 900 2002
 - SuperSport 900 2002 / Monster S4 916 2002
 - ST4 916 2001-2005 / ST2 944 2002-2003
 - ST4S 996 2003-2005 / 996R 2001
 - Monster S4R 2004-2006 / 998 / S 2002-2004
 - 999 R/S 2002-2007 / GT1000 2007-2010
 - Monster S/S2R 1000 2003-2008
 - Multistrada DS/S 1000 2003-2006
 - Paul Smart 1000 2006 / Sport 1000 2006-2009
 - ST3 1000 2005-2007 / SuperSport 1000 2003-2006
 - Hypermotard 1100 EVO/S 2008-2010
 - Monster 1100 2009-2010 / Multistrada 1100 2007-2010
- outside diameter: 175 mm
- inner diameter: 150 mm
- length: 680 mm



Item #

5077

Alternator Drive Flange Holder | for BMW Motorcycles K-Series

- for holding the alternator drive flange & the crankshaft split gear
- suitable for BMW K models
- to be used as OEM 124600

Item #
5078



Groove Nut Wrench | for BMW Cylinder Head

- for lock nut on cylinder head to main frame
- suitable for BMW F series motorcycles

Item #
5079



Valve Stem Seal Mounting Tool | for BMW Motorcycles R-Series

- for mounting the valve shaft seals on BMW R series motorcycles

Item #
5082



Camshaft Pulley Extractor | for Ducati

- for removing the camshaft wheel
- suitable for following Ducati models: Hypermotard, Monster, Multistrada, Sportclassic, Sporttouring, Streetfighter, Superbike, Supersport MH900E, Diavel (Carbon)

Item #
5083



Special Socket | for Ducati Pully Nut Socket | 28 mm

- allows removing and re-torquing of the camshaft wheel nut
- suitable for Ducati 749, 999, 1098 848 and 1198
- external hexagon 19
- wrench size: 19 mm

Item #
5084



Special Socket | for Ducati Pully Nut Socket | 24 mm

- allows removing and re-torquing of the camshaft wheel nut
- suitable for Ducati 748 and 916
- external hexagon 19
- wrench size: 19 mm

Item #
5085



Clutch Disc Centering Tool | for BMW Motorcycles | 2-Valve engines

- to align the clutch disc while tightening the pressure plate
- suitable for all 2-valve air-cooled engines from 1981 to 1996



Item #	Description
5089	Clutch Disc Centering Tool for BMW Motorcycles 2-Valve engines
5090	Clutch Disc Centering Tool for BMW Motorcycles R and K Series
5091	Clutch Disc Centering Tool for BMW Motorcycles R and K 1200



TDC Dial Indicator for Ignition Adjusting | for Motorcycles

- precision gauge for locating the piston TDC
- allows precise ignition timing
- suitable for most cylinder heads
- spark plug thread adaptor in 10, 12 and 14 mm
- includes:
- 1 gauge 10 mm stroke, 1/100mm graduation
- 1 adaptor with gauge clamp, length 3 cm
- 1 extension M8 x 1.0, length 3 cm
- 1 adaptor M10 x 1.0
- 1 adaptor M14 x 1.25
- 2 stylus extensions

Item #	Description
8319	TDC Dial Indicator for Ignition Adjusting for Motorcycles
8319-1	Gauge for BGSs 1938 / 8319 / 8159 Ø 42 mm



Piston Height Adjustment Tool | M14 x 1.25

- required when setting the ignition timing on most older motorcycles with 2-stroke engines
- knurled sleeve for accurately positioning the piston height
- suitable for engines with M14 x 1.25 spark plug thread

Item #
9273



3-in-1 Clutch / Variator Tool for Piaggio

- for blocking and removing the variator and clutch bell
- integrated hex wrench for loosening the coupling nut, 34 mm, pin pitch: 55 mm
- made of corrosion-resistant stainless steel
- to be used as OEM 14569-PI
- suitable for many models of following manufacturers: Aprilia, Derbi, Gilera, Italjet, Peugeot, Piaggio, Vespa



Item #
8729



Spark Plug Puller (without Sliding Handle) | internal Hexagon 22 mm | for BMW Motorcycles

- for pulling the spark plugs plug and loosening the 22 mm internal hexagon front axle
- note: additional sliding bar required, not suitable for water-cooled R 1200 GS
- sliding bar bore: 19 mm
- material: aluminium



Item #
8939

Synchronous Carburetor Tester | with 4 synchronous clocks | 29 pcs.

- for synchronous measurement on 2 - 4 carburetors with vacuum connection on the carburetor
- after adjusting and checking the valve leeway, the carburetors should be synchronised
- all-purpose
- perfect measurement results with mechanically faultless engines
- to be used while the engine is running
- suitable for cars and motorcycles
- 4 pressure gauges Ø 92.5 mm fitted on a plate
- 4 rubber hoses 7.2 x 5 x 750 mm
- 4 hose clamps with spare sealing rings
- 4 connectors 53 mm (M6 x 0.75)
- 4 connectors 60 mm (M6 x 1.00)
- 4 extensions 3.9 x 98 mm
- 4 extensions 3.9 x 170 mm
- 1 adapter
- negative pressure measuring range: 0 TO -70 cm Hg (0 to -30 In Hg)
- pressure measuring range: 0 to 14 PSI (0 to 1 kg/cm²)



Item #
62670

Motorcycle Battery Disconnect Adaptor

- for disconnecting the battery when not used for a prolonged period - can also be used to prevent theft
- electrical isolation of the battery negative pole
- suitable for batteries with flat M6 terminals
- dimensions (L x W x H): 64 x 21 x 19 mm



Item #
9310



Hydraulic Lifter | for Motorcycles and ATV | 680 kg

- suitable for motorcycles with underslung frame & ATV
- rubberized lifting frame
- length: 865 mm
- frame length: 325 mm
- width: 360 mm
- frame width: 335 mm
- max. lifting height: 420 mm
- min. lifting height: 145 mm
- stroke: 275 mm
- height: 325 mm
- rated load capacity: 680 kg



Item #	Description
8389	Hydraulic Lifter for Motorcycles and ATV 680 kg
8389-1	Replacement Hydraulic Cylinder for BGS 8389



Motorcycle Lifter for Single-Sided Swingarms on Rear Axles

- suitable for single-sided swingarms on rear axles
- ball bearing holding bolt for rear axles
- very useful when the wheel must be turned e.g. when cleaning the rims, lubricating the chain, etc.
- allows removal of the rear wheel on motorcycles without center stand
- 24.8 mm lifting pin
- adjustable lifting height in the following 6 steps: 1. step 350 mm - 2. step 375 mm - 3. step 400 mm - 4. step 425 mm - 5. step 450 mm - 6. step 475 mm
- with plastic-covered wheel lock pole
- capacity: 200 kg



Item #
9244

Motorcycle Wheel Balancer

- an economic alternative to an expensive balancing machine
- allows static balancing of motorcycle tires up to 740 mm diameter and 320 mm width
- centering cone: Ø 17 to 29 mm wheel centering
- painted steel frame with a carbon steel made balancing shaft
- includes 2 centering cones for centering the wheel on the balancing shaft
- precision ball bearings provide a low-friction pendulum motion for precise balancing of the wheel

Item #
8459



Central Lift | for Dirt Bikes / Cross Motorcycles

- facilitates cleaning of the wheels and is helpful for maintenance and repairs of the chain drive and the wheel suspension
- min. height: 270 mm
- max. height: 390 mm
- lifting plate surface: 230 x 285 mm
- max. load capacity 135 kg

Item #
8424



Brake Calliper Tool for Iveco Trucks | 7 pcs.

- for resetting the brake pistons on Iveco disk brakes
- suitable for Iveco Stralis, Eurocargo, Daily
- 10 mm ratchet wrench
- rewind tool
- backing plate
- 2 reset discs with 3 pins
- 2 micro bits internal hexagon 8 mm with 10 mm drive



Item #
1104

Socket for Brake Calliper | E-Type (for Torx) | for MAN TGL | 30 mm Drive

- with spring ball
- length: approx. 40 mm
- 30 mm 6-pt. drive
- **E20 - BGS 6451**
suitable for MAN TGL brake calipers
- **E24 - BGS 6452**
suitable for MAN TGA brake calipers



Item #	Description
6451	Socket for Brake Calliper E-Type (for Torx) for MAN, TGL 30 mm Drive E20
6452	Socket for Brake Calliper E-Type (for Torx) for MAN, TGL 30 mm Drive E24

Tyre Lever | for Trucks | special Type | 650 mm

- ideal for commercial vehicles, agricultural and construction machines
- heavy duty version
- for pulling tyres off the rim
- extra rounded lever end for material-preserving use
- dimensions: 650 x 28 x 9 mm



Item #
4802



Truck Tyre Assembly / Disassembly Lever | 28 - 30 mm | 2 pcs.

- for removing and installing truck tyres
- allows renewing of tires without mounting device and power supply
- suitable for 22.5 and 24.5" truck tyres
- length: 1310 mm



Item #
8891

Truck Tyre Assembly / Disassembly Lever

- allows fast and easy truck tire demounting
- suitable for demounting 20", 22.5" and 24.5" tube and tubeless type truck tires, up to a 13" (330 mm) wide wheel
- ergonomic shaped steel handle with no-slip grip, for optimum leverage while reducing back strain
- suitable for demounting of the tire without lifting the entire wheel
- aluminium bead support for grabbing the top bead of Super Single and Super Wide tires
- 2 heavy-duty nylon castors



Item #
9095

Four-Way Wheel Wrench for Trucks | 24 x 27 - 32 x 20 mm (3/4")

- length 60 cm
- higher torque through adjustable joint



Item #
1458

Four-Way Wheel Wrench for Trucks | square | 24 x 27 x 32 x 20 mm (3/4")

- with square plate
- armlength 70 cm
- max. torque: 24 mm (450 Nm) - 27 mm (590 Nm) - 32 mm (880 Nm) - 20 mm (3/4") (890 Nm)
- surface finish: chrome plated
- surface finish, heads: polished



Item #
1457

Nut and Cap Key Set | 13 pcs.

- continuously adjustable from 49 to 145 mm
- suitable for hexagon and 8-pt nuts, groove nuts and round nuts
- 3 different pin sizes: 6 mm, 8 mm und 10 mm
- side length 45 mm
- can be used for all special sizes
- 20 mm (3/4") and 12.5 mm (1/2") drive
- surface finish: chrome plated



Item #
1513

Truck Socket | 8-point | Ø 80 - 115 mm | for utility vehicles

- suitable for axle nuts on rear axles and front axles
- sockets with Ø 80, 100, 111 and 115 mm
- material: chrome vanadium steel (S2)
- surface finish: black

Item #	Description
5413	Truck Socket 8-point Ø 80 mm for SCANIA front wheel
5417	Truck Socket 8-point Ø 100 mm SCANIA
5410	Truck Socket 8-point Ø 111 mm BPW 12 t
5416	Truck Socket 8-point Ø 115 mm Volvo



Pin Wrench for Gearbox Flange | for Scania | 72/80 mm

20 3/4

- suitable for SCANIA
- for dismantling of the main drive shaft flange
- socket with 3/4" drive
- made from heavy duty steel



Item #
5421

Groove Nut Socket | inside pins | for Ford Transit with axle Type 34

12.5  1/2

- suitable for Ford Transit 80 / 100 / 115 / 120 with Type 34 wheel axles
- 12.5 mm (1/2") drive
- internal diameter: 60 mm
- internal height: 25 mm

Item #
5423



Groove Nut Socket | outside pins | for Mercedes-Benz Rear Axles

20  3/4

- in accordance with DIN 3121 / ISO 1174
- suitable for high tightening and loosening torque
- number of pins: 6
- pin width: 10 mm
- weight: 2.6 kg

BGS 8268

- suitable for Mercedes Benz Actros rear axle
- HL/HL 8 (Hypoid) ect.
- internal diameter: 105 mm
- outside diameter: 125 mm
- height: 182 mm
- pin diameter: 115 mm

BGS 8269

- suitable for Mercedes-Benz Benz Atego rear axle, Vitaro 814, MAN, etc.
- internal diameter: 80 mm
- outside diameter: 95 mm
- stud diameter: 49 mm
- height: 185 mm
- pin diameter: 87 mm



Item #	Description
8269	Groove Nut Socket for Mercedes-Benz Atego 80 - 95 mm
8268	Groove Nut Socket for Mercedes-Benz Actros 105 - 125 mm



Rear Axle Nut Spanner | for Mercedes-Benz Van W901 / W905

- for loosening and tightening the wheel bearing lock nut on rear axle shafts (plug shafts)
- suitable for Mercedes Sprinter models W901 / W905, rear axle type 741.407 / 741.408 / 741.409 with groove nut 902 357 01 26

Item #
9207



Ball Joint Separator | extra large | for utility vehicles

- for trucks
- forged type
- universally applicable

Item #
1802



Wheel Hub Puller | for BPW 12 t | M136 x 2.5

- puller bell and spindle made of high-strength steel

Item #
5404



Cooling System Diagnostics Tool Set | 9 pcs.

- cooling system testing
- 0 - 2.5 bar pressure gauge (tolerance +/- 2 %)
- aluminium housing, anodised
- with quick-action coupling
- with pump and cooler adaptors for:
 - DAF XF 95, XF 105
 - Scania 113, 114, 124 and 125
 - Volvo FH 12
 - Iveco Daily 2000 C-series, EURO-Star, EURO-Tech, Euro-Truck, Strahlis
 - Renault Magnum
 - MAN L 2000, TGA, F90, F2000
 - Mercedes-Benz Actros, Atego, Axor, ECO 8401, 1728, Sprinter manufactured before 2006, Vito

Item #	Description
8514	Cooling System Diagnostics Tool Set 9 pcs.
8514-1	Adaptor Hose for BGS 8514
8514-2	Pressure Pump with Gauge for BGS 8514
8514-3	Cooler Adaptor for BGS 8514 for Scania
8514-4	Cooler Adaptor for BGS 8514 for DAF-XF 95, XF 105
8514-5	Cooler Adaptor for BGS 8514 for Mercedes-Benz / MAN / Iveco
8514-6	Cooler Adaptor for BGS 8514 for Iveco Daily
8514-7	Cooler Adaptor for BGS 8514 for MAN L 2000, TGF
8514-8	Cooler Adaptor for BGS 8514 for Volvo FH
8514-9	Cooler Adaptor for BGS 8514 for Mercedes-Benz van



Turbocharger System Test Set | for Trucks | 7 pcs.

- for checking the charging system components when installed
- suitable for turbochargers and compressor systems
- incl. pressure regulator with gauge for reducing the test pressure and for leakage test
- 3 pairs of test adaptor (test and closure cap) for hose Ø 105 - 110, 115 - 120, 125 - 130 mm



Item #
8959

Groove Nut Socket | outside pins | for Trucks | 4 pcs.

12.5 1/2

- sockets for working on the nozzle holder
- socket with 12.5 mm (1/2") drive, 4-tooth, length 72 mm, fits Mercedes series OM 401/421, 403/423, LA, A, 470
- socket with 32 mm outer hexagon, length 70 mm 4-tooth with internal thread M14 1.5 mm fits Mercedes, Neoplan, Setra
- socket with 12.5 mm 1/2" drive, 3-tooth, length 120 mm, fits Mercedes, MAN
- socket with 32 mm outer hexagon, length 120 mm 4-tooth, fits MAN, Mercedes



Item #
67210

Injection Nozzle Extractor | for MAN, Mercedes-Benz | four teeth

- extractor made of carbon steel with four tooth and 27 mm hexagon for counterholding
- suitable for MAN and Mercedes trucks
- puller spindle M 14
- spindle with 6 mm hex drive for mounting the nozzle on the spindle
- allows easy and professional removal of the nozzle
- length: 105 mm



Item #
67230

Special Socket for Nozzle Block | 32 mm Drive | for Mercedes-Benz, Neoplan, Setra

- for the screw on the nozzle holder
- 4-tooth with internal thread M14 x 1.5 mm
- 32 mm outer hexagon drive, length 70 mm
- also as spare part for BGS 67210



Item #
67210-1

Crankshaft Locking Tool | for Ford Transit 2.2

- suitable for Ford Transit 2.2 manufactured before 2006
- for locking crankshaft and flywheel
- allows the TDC sensor position to be set after working on cam chain drive system
- crankshaft locking tool to be used as OEM 303-1587
- flywheel locking tool to be used as OEM 21-251 / 303-698
- timing pump locking pin to be used as OEM 0188H / 1860965000

Item #
8896



Cylinder liner Puller with counter support | 60 - 160 mm | 6 pcs.

- for dismantling wet cylinder liners with a diameter of 60 to 160 mm
- suitable for commercial vehicles (Mercedes Benz, MAN) passenger cars, stationary engines etc.
- new type spreading system provides problem-free and firm hold at the lower edge of the bush

Item #
9465



Oil Filter Wrench Set | for utility vehicles | 9 pcs.

10  3/8

- oilfilter cap wrench 36 mm x 6-pt: for Mercedes-Benz Axor BR400, Atego BR900, Actros BR 500 Scania PDE V8 engines, HPI engines with oil filter
- oilfilter cap wrench 74 mm x 14-pt., for Mercedes-Benz Sprinter 600 VW Transporter
- oilfilter cap wrench 106 mm x 15-pt., for Man 8 10 To, Series L2000 Scania PDE V8-engine, Fiat Ducato, Iveco 2.5 D/TD
- oilfilter cap wrench 107 mm x 15-pt., for Volvo, Iveco, Renault, Scania
- oilfilter cap wrench 108 mm x 15-pt., for Volvo, Iveco, Renault, Scania
- oilfilter cap wrench 108 mm x 18-pt., for Renault Transporter, Master, Traffic, Opel Movano with 2.4, 2.5, 2.8D / 2,8TD engines
- oilfilter cap wrench 135 mm x 18-pt., for Man 1848 To. Serie F2000, TGA
- 21 mm external hexagon and 10 mm (3/8") internal square drive
- 21 mm ring wrench
- universal oil filter wrench up to 160 mm
- surface finish: black lacquered

Item #	Description
1019	Oil Filter Wrench Set for utility vehicles 9 pcs.
1019-1	Oil Filter Strap Wrench Ø max. 160 mm
1019-2	Ring Wrench 12-point Ø 21 mm
1019-36	Oil Filter Wrench 6-point Ø 36 mm for utility vehicles
1019-74	Oil Filter Wrench 14-point Ø 74 mm for Mercedes-Benz, VW
1019-106	Oil Filter Wrench 15-point Ø 106 mm for Fiat, Iveco, MAN, Scania
1019-107	Oil Filter Wrench 15-point Ø 107 mm for Iveco, Renault, Scania, Volvo
1019-108	Oil Filter Wrench 15-point Ø 108 mm for Iveco, Renault, Scania, Volvo
1019-108-18	Oil Filter Wrench 18-point Ø 108 mm for Opel, Renault
1019-135	Oil Filter Wrench 18-point Ø 135 mm for MAN, TGA



Oil Filter Strap Wrench XL | Ø 125 - 145 mm

12.5  1/2

- for especially large oil filter diameters of up to 145 mm
- high-strength steel strip for long service life
- also suitable for loosening granulate air dryer cartridges on trucks

Item #
8793



Hydraulic Flaring Tool

- includes various sizes of dies and adaptors for working on flaring tubes of fuel lines, brake lines, transmission lines and air condition lines
- hydraulic pump for easy use

suitable for:

- metric bubble flaring 4.75 mm, 6 mm, 8 mm, 10 mm, according to SAE and DIN
- 45 degree double flaring 3/16", 1/4", 5/16", 3/8", 1/2", according to SAE and DIN
- GM fuel line forming 5/16", 3/8"
- push-connect flaring 1/4", 5/16", 3/8"

Item #	Description
8704	Hydraulic Flaring Tool
8704-1	Spare Hydraulic Pump for Item 8704



Hydraulic Flaring Tool

- includes various sizes of dies and adaptors for working on flaring tubes of brake lines, transmission lines and air condition lines
- hydraulic pump for easy use

suitable for:

- metric bubble flaring 4.75 mm, 5 mm, 6 mm, ISO, according to SAE and DIN
- 45 degree double flaring 1/4", according to SAE and DIN
- push-connect flaring 1/4"

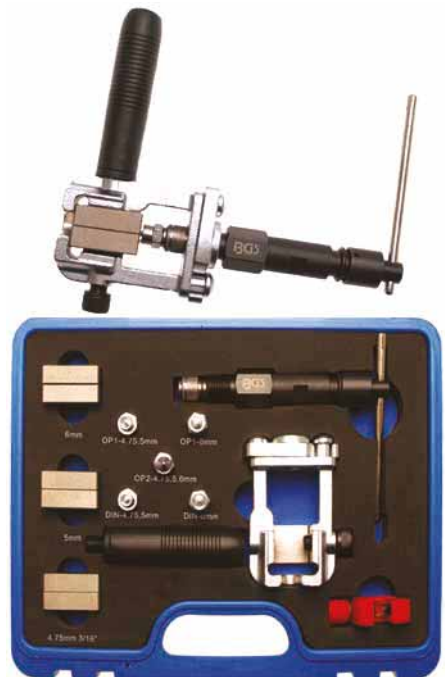
Item #
9445



Hydraulic Flaring Tool

- 4,75 mm (3/16"), 5,00 mm, 6,00 mm
- light weight, used directly on the vehicle
- suitable for steel, aluminium, brass and copper lines
- suitable for coated wires
- for double and convex flares according to SAE and DIN
- includes pipe cutter with deburring tool

Item #	Description
8310	Hydraulic Flaring Tool
8310-1	Hydraulic Spindle for BGS 8310
8310-2	Punch Step1 for Item 8310 4.75 & 5 mm
8310-3	Punch Step1 for Item 8310 6 mm
8310-4	Punch Step2 for Item 8310 4.75 / 5 / 6 mm
8310-5	Punch DIN for Item 8310 4.75 & 5 mm
8310-6	Punch DIN for Item 8310 6 mm



Flaring Tool

- for flaring of brake and hydraulic pipes according to SEA and DI
- can be used on copper, brass, aluminium and steel pipes
- for coated and non-coated pipes
- for inside and outside flaring
- incl. 4 pairs of pressure pieces 3/16" / 4.75 mm - 1/4" - 6 mm - 8 mm
- 5 mm die blocks and punches also available

Item #	Description
3057	Flaring Tool
3057-13	Pre-Press Mandrel Step0 for BGS 3057
3057-14	Die Blocks for BGS 3057 Ø 4.75 mm (3/16")
3057-15	Die Blocks for BGS 3057 Ø 6.3 mm (1/4")
3057-16	Die Blocks for BGS 3057 Ø 5 mm
3057-17	Die Block for BGS 3057 Ø 6 mm
3057-18	Die Block for BGS 3057 Ø 8 mm
3057-19	Punch Step1 for BGS 3057 Ø 4.75 mm (3/16")
3057-20	Punch Step1 for BGS 3057 Ø 6.3 mm (1/4")
3057-21	Punch Step2 for BGS 3057 Ø 4.75 mm, 6.3 mm (3/16", 1/4")
3057-22	Punch Step1 for BGS 3057 Ø 5 mm
3057-23	Punch Step1 for BGS 3057 Ø 6 mm
3057-24	Punch Step2 for BGS 3057 Ø 5 mm, 6 mm
3057-25	Punch Step1 for BGS 3057 Ø 8 mm
3057-26	Punch Step2 for BGS 3057 Ø 8 mm



Flaring Tool | DIN | 4.75 mm (3/16")

- for flaring of 4.75 mm (3/16") brake pipes
- easy to operate
- can be used on mounted brake lines
- 2 component handle
- required spanner sizes: 10 and 17 mm
- incl. flaring grease

Item #	
8917	



Flaring Tool | SEA and DIN 4.75 mm (3/16")

- for easy and fast flaring of 4.75 mm (3/16") brake pipes, according to SAE and DIN
- allows single or double flares (only SAE)
- can also be used on installed brake lines
- required spanner sizes: 10 & 17 mm
- 2-component handle
- incl. flaring grease

Item #	
8918	



Double Flaring Tool Kit | 9 pcs.

- special tool for creating single D-type flares, double E-type flares (SAE) and double F-type flares
- suitable for pipes with wall thickness up to 1 mm
- 1 pipe clamp
- 1 spreader
- 7 dies 4.75 - 5 - 6 - 8 - 10 mm, 1/4" and 1/2"

Item #	Description
8615	Double Flaring Tool Kit 9 pcs.
3161	Die for Flaring Tool 1/2"
3160	Die for Flaring Tool 1/4"
3166	Die for Flaring Tool 10 mm
3164	Die for Flaring Tool 6 mm
3162	Die for Flaring Tool 4.75 mm
3163	Die for Flaring Tool 5 mm
3165	Die for Flaring Tool 8 mm



Universal Flaring Tool Kit | adjustable 4,7 - 16 mm

- quickly adjustable for creating conical / tapered flares
- for copper and aluminium pipes, sizes: 4.7 - 16 mm (3/16" - 5/8")

Item #
360



Tube Bending Tool | for pipe diameter 3 - 4.75 - 6 mm

- made from aluminium
- suitable for 3 - 4.75 - 6 mm tubes
- for aluminium, brass and copper pipes
- maximum bending radius approx. 15 mm

Item #
8228



Tube Bending Tool | for pipe diameter 6 - 8 - 10 mm

- suitable for 6 - 8 - 10 mm tubes
- for radius up to 180°
- for aluminium, brass and copper pipes
- maximum bending radius approx. 25 mm

Item #
3062



Tube Bending Pliers | 4.75 + 6 mm

- suitable for 4.75 and 6 mm tubes

Item #
8229



Tube Bending Tool | for copper pipes | 4 - 10 mm

- for bending 4 - 6 - 8 - 10 mm copper and aluminium pipes
- with two replaceable bending wheels, each providing 180° for 4/6 and 8/10 mm
- maximum bending radius approx. 18 mm

Item #
3061



Tube Bending Pliers | "4-in-1"

- 1 bending half-roll Ø 35 mm for 4.8 mm pipes (3/16")
- 1 bending half-roll Ø 28 mm for 6.4 mm pipes (1/4")
- 1 bending half-roll Ø 28 mm for 8.0 mm pipes (5/16")
- 1 bending half-roll Ø 25 mm for 9.5 mm pipes (3/8")
- allows bending of pipes up to 180°
- suitable for aluminium, copper and steel pipes
- rolls made of aluminium, basic unit made of steel, dipped coated grip

Item #
8718



Air Brake Bleeding and Oil Extraction Unit - pneumatic and manual

- allows a clean oil change by suction
- usable for engine, transmission, rear axle oil and other non-corrosive liquids
- suction hose 9.8 - 8.0 - 6.7 - 4.5 mm Ø for extraction by suction through the dipstick tube
- 10 l container with base ensures stability to accommodate large amounts of oil
- suitable for oil extraction on all Smart cars but also for all other vehicles for which an oil change is to be performed without using a car lift
- with a special silicone brake breather hose with a valve for one-hand operation
- easy brake bleeding on brake systems of all types of vehicles
- the built-in hand vacuum pump allows brake bleeding even without compressed air

Item #
3155



Air Brake Bleeding and Oil Extraction Unit

- allows a clean oil change by suction
- usable for engine, transmission, rear axle oil and other non-corrosive liquids
- 5 l fluid container
- suitable for oil extraction on e.g. all Smart models but also for all other vehicles for which an oil change is to be performed without using a car lift
- with a special brake breather hose and 2 extraction hoses
- easy brake bleeding on brake systems of all types of vehicles
- compressed air connection: 6.3 mm (1/4")
- working air pressure: 4.9 - 11.9 bar

Item #
3157



Air Brake Bleeder | 2 pcs.

- for quick and easy brake bleeding, can be used by one person only
- large 1.5 l canister with aluminium nozzle and clamp for compressed air (lets you keep both hands free)
- protects the main brake cylinder as no pumping required
- can also be used for hydraulic clutches
- 1000 mm silicone hose
- accurately fitting rubber adaptor for the bleeding nipple
- 1 l canister with shut-off valve and universal clamp for refilling the brake system



Item #	Description
8080	Air Brake Bleeder 2 pcs.
8080-31	Hose with Bleeding Adaptor for BGS 8080
8080-31-1	Adaptor for Brake Bleeder for BGS 8080-31
8080-32	Hose with Plastic Tube for BGS 8080
8080-32-1	Plastic Pipe for Hose 8080-32 from BGS 8080



Air Brake Bleeder

- air-assisted bleeding of brake and clutch systems
- brake fluid and compressed air is separated by a diaphragm
- pressure regulator and gauge for adjustment of working pressure (0 to 3 Bar)
- filling hose has a quick coupling for easy adaptor installation
- connection hose also comes with a quick coupling, 3.7 m length
- with safety valve
- dimensions: Ø 280 mm, height 460 mm
- 5 liters brake fluid reservoir
- comes with one adaptor E20 for the most common brake systems



Item #	Description
8315	Air Brake Bleeder
8315-3	Replacement Rubber Diaphragm for BGS 8315



Adaptor Set for BGS 8315 | for Audi, BMW, Ford, Honda, Nissan, Opel, VW

- with fast fastener coupling 6.3 mm (1/4")
- incl. adaptor for European (compressed air) coupling 6.3 mm (1/4")
- adaptor for Opel Ø 43.5 mm
- Opel closing lid Ø 43.5 mm, to close the second opening
- universal adaptor Ø 45 mm
- universal adaptor, pressure piece, 2 screw hooks with collars and chain
- Euro adaptor for Audi, BMW, VW, Opel, Ford
- adaptor for Nissan Ø 49.5 mm, 34.5 mm
- adaptor for Honda Ø 56 mm
- adaptor for BMW, Audi Ø 44.2 mm



Item #
8316

Adaptor Set for Air Brake Bleeder | 4 pcs.

- for filling and bleeding brake systems through the brake fluid reservoir using brake service machines
- metal made
- uses standard European air connector
- for Air Brake Bleeder BGS 8315 and others

includes the following adaptors:

- adaptor Ø 90 mm, for Mitsubishi, Nissan (Gasoline), Subaru, Suzuki, Volvo S40 und V40
- adaptor Ø 55 mm, for Chrysler, Ford Explorer, Hyundai, Mazda 6, Subaru
- adaptor E20 with free moveable hose:
 - provides unrestricted access to limited spaces,
 - for European vehicles, especially for Ford C-Max, Fiesta, Focus, Galaxy, S-Max
- universal adaptor with fastening chain



Item #
9152



Adaptor for Brake Bleeder | E20

- suitable for MAZDA 3, VOLVO C30, S40 since 2004, V50FORD Focus as of 2008, Fiesta until 09.2008, C-Max, Galaxy as of 2006, Kuga, S-Max and other European cars with 46.5 mm filling opening
- with European 6.3 mm (1/4") adaptor
- made of aluminium, with angled hose connector for working in tight spaces



Item #
9001



Pneumatic Brake Bleeder Tool

- one-man operation, can also be used on clutch systems
- includes a hose for extracting liquids
- length: 225 mm
- width: 135 mm
- height: 192 mm
- operating pressure: 6 - 12 bar



Item #	Description
8066	Pneumatic Brake Bleeder Tool
8066-1	Bleeding Nipple for Brake bleeder for BGS 8066 / 8080

Bleeding Nipple for Brake bleeder | for BGS 8066 / 8080

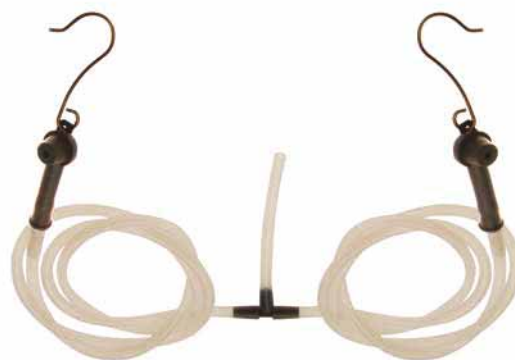
- suitable for BGS 8066, 8080
- suitable for brake bleeding valve



Item #
8071-2

Double Hose Adaptor for Brake Bleeder | for BGS 8066

- suitable for BGS 8066
- for bleeding fixed multi-piston callipers, with 2 bleeding valves (such as motorcycles)
- silicone hoses
- incl. 2 bleeding adaptors with hooks
- hose length: 1060 mm - 1060 mm - 100 mm
- hose: internal diameter 3 mm / external diameter 7 mm



Item #
8066-3

Hose / Tube Connector Kit for Bleeding Diesel Systems

- for bleeding / filling of diesel injection systems
- suitable for hose / pipe connections
- to be used with e. g. BGS 8080, 8066, 3157, 3155
- 90° angled coupling
- straight coupling
- rubber pipe connector
- straight coupling adaptor



Item #
8066-2



Brake Bleeding Valve

- allows bleeding of brake and clutch systems without a second person
- valve opens automatically when pressing the brake and closes automatically when loosening the brake, this prevents the suction of air
- suitable for scooters, motorcycles, quads, cars, trucks etc.
- blue anodized aluminium



Item #
8403



Brake Bleeder Valve with Fluid Reception Bottle

- for bleeding brake and clutch systems
- non-return valve prevents ingress of air and allows a one-man bleeding
- suitable for scooters, motorbikes, quads, cars
- easy to use
- includes 1 l reception bottle
- 620 mm silicone hose



Item #
8403-1

Brake Bleeding Bottle | 1 l

- plastic bottle 1 l
- with holding chain and hook
- variable length bleeding hose
- bleeding nipple adaptor



Item #
8519

Brake Fluid Refill Bottle | 1 l

- helpful when bleeding of brake systems
- automatic refilling of the brake fluid tank
- with valve and clamp
- container size: 1 litre
- also as replacement for BGS 8080



Item #
8731

Brake Bleeding Hose with Valve | 1.2 m

- for bleeding of brake systems, especially on motorcycles
- made of silicone
- with non-return valve, no second person required when bleeding
- rubber adaptor for connection to the bleed nipple
- length: 1.2 m



Item #
8897



Brake Spanner Set | 6 pcs.

- forged
- brake pipe wrench 6.3 mm (1/4") square x 5/16" open end
- brake pipe wrench 6.3 mm (1/4") square x 10 mm square
- brake pipe wrench 9 mm hexagon x 11 mm hexagon
- brake pipe wrench 8 mm hexagon x 10 mm hexagon
- brake pipe wrench 6.3 mm (1/4") hexagon x 7 mm hexagon
- brake pipe wrench 7/16" open end x 11/32" square
- surface finish: chrome plated



Item #
1240

Brake Pipe Wrench with Ratcheting Function | 10 x 11 mm

- ring ends with ratcheting function
- both sides flexible
- rings can be opened to fit around a pipe
- an internal spring ensures the ring closes securely around the nut
- the more pressure you put on the tools in the driving direction, the tighter the head closes around the nut;
- this prevents slipping over the nut - wrench holds the long side of the nut, so it works also on nuts with damaged corners



Item #
1722

Special Flare Nut Wrench | 175 mm | 10 x 11 mm

- with strengthened hexagon ends
- double offset
- wrench size 1: 10 mm
- wrench size 2: 11 mm
- surface finish: chrome plated

Item #
1760



Double Ring Spanner for Brake Lines and Joints

- especially suitable for brake line fittings
- swivel heads
- surface finish: satin chrome plated



Item #	Description
30412	Double Ring Spanner for Brake Lines and Joints 9 x 11 mm
30413	Double Ring Spanner for Brake Lines and Joints 10 x 12 mm



Brake Line Scraper | 160 x 14 x 6 mm

- for removing dirt or corrosion on the brake line surface
- made of composite plastic, prevents damage to the brake line
- length: 160 mm
- width: 14 mm
- height: 6 mm
- material: polyoxymethylene (POM)



Item #
8864



Brake Bleeder Wrench Set | 8 pcs.

- for easy bleeding of brake systems without removing the wheels
- ratchet wrench makes releasing and tightening easier
- hose remains on bleeding screw while loosening and tightening
- 6 special sockets: 9 x 29 mm - 9 x 75 mm - 10 x 29 mm - 10 x 75 mm - 11 x 29 mm - 11 x 75 mm
- incl. bleeding hose with 4 mm inner diameter

Item #	Description
66512	Brake Bleeder Wrench Set 8 pcs.
66512-1	Reversible Ratchet for BGS 66512
66512-2	Replacement Hose for BGS 66512



Brake Bleeder Wrench Set | 7 - 8 - 9 - 10 - 11 mm | 6 pcs.

- ideal for bleeding break and hydraulic clutch systems
- easy using without removing the wheels
- the spanners seal to the bleeding valve, preventing air from entering the system or brake fluid leaking out of the spanners
- 120 cm silicon hose with non-return valve
- includes 5 brake bleeding wrenches, 12-point, sizes: 7 - 8 - 9 - 10 - 11 mm



Item #		
66514		1/6

Brake Bleeder Wrench Set | 8 - 10 - 11 mm | 4 pcs.

- for easy bleeding of hydraulic clutch systems and brake systems without removing the wheels
- allows one-person bleeding
- consisting of 3 brake bleeding wrenches, 22-point, sizes: 8 - 10 - 11 mm
- 120 cm silicon hose with non-return valve
- suitable for universal bleeder nipples



Item #		
66513		1/6

Brake Bleeder Wrenches | N-Type | 7 - 11 mm

- N-type shape
- ideal for working in hard to reach areas



Item #	Description
1753-7	Brake Bleeder Wrench N-Type 7 mm
1753-8	Brake Bleeder Wrench N-Type 8 mm
1753-9	Brake Bleeder Wrench N-Type 9 mm
1753-10	Brake Bleeder Wrench N-Type 10 mm
1753-11	Brake Bleeder Wrench N-Type 11 mm



Adjuster for Brake and Accelerator Pedal

- needed for wheel alignment and is a practical tool for testing and adjusting brakes and throttle control



Item #
9976

Tool Tray 2/3: Brake Piston Wind Back Set | 50 pcs.

- for rewinding the brake piston e.g. when replacing the brake pads
- wind-back spindle (clockwise)
- wind-back spindle (counterclockwise)
- pin punches, Ø 5.4 mm
- pin punches, Ø 6 mm, with 3 mm pin
- 6 mm L-type hexagon wrench
- 8 mm L-type hexagon wrench
- impact socket, 6-point, 12.5 mm (1/2"), 19 mm
- impact socket, 6-point, 12.5 mm (1/2"), 14 mm
- bit socket, 12.5 mm (1/2"), 10 mm
- T-Star bit socket (for Torx), 10 mm (3/8"), T45
- 4 counterholding plates
- 35 wind-back adaptors, suitable for most models like BMW, VW, Skoda, Seat, Ford, Honda, Alfa Romeo, Suzuki, Nissan, Toyota, etc.
- width: 378 mm
- height: 32 mm
- depth: 408 mm



Item #	
1102	 2/3

Brake Piston Reset Set | 18 pcs.

- for manual resetting of brake pistons
- right threaded and left threaded wind back tool
- suitable for many car models
- includes list of matching car models



Item #	Description
1119	Brake Piston Reset Set 18 pcs.
1119-LEER	Empty Case for BGS 1119

Brake Piston Reset Tool Set | 14 pcs.

- for manual resetting of brake pistons
- right threaded wind back tool
- suitable for many car models
- includes list of matching car models



Item #
1127

Air Brake Piston Wind back Tool

- for left- & right-side thread - the direction is determined by moving the angled lever at the end of the hydraulic spindle
- fits for all thread pitches
- to be used with BGS 1114, 1117, 1119, 1127
- 6.3 mm (1/4") compressed air connection



Item #
1114-1



Brake Piston Reset Tool Set | pneumatic | 22 pcs.

- universal set for turning and pressing brake pistons on almost all car models
- for air pressure assisted resetting of brake pistons
- hand lever for rotary function, suitable for left and right turns
- also suitable for brake callipers with hand brake function
- suitable for following car models: Alfa Romeo, Audi, Citroen, Fiat, Ford, GM Honda, Jaguar, Lancia, Land Rover, Mazda, Nissan, Peugeot, Renault, Rover, Saab, Seat, Subaru, Toyota, Volvo, VW
- includes 21 resetting adaptors, also 3- and 4-pin adaptor for newer vehicles
- working pressure: 5 to max. 8 bar



Item #
1114



Brake Piston Reset Tool Set | pneumatic | 16 pcs.

- universal set for turning and pressing brake pistons on almost all car models
- for air pressure assisted resetting of brake pistons
- hand lever for rotary function, suitable for left and right turns
- fits for all thread pitches
- suitable for following cars: Alfa Romeo, Audi, Citroen, Fiat, Ford, GM, Honda, Jaguar, Lancia, Land Rover, Mazda, Nissan, Peugeot, Renault, Rover, Saab, Seat, Subaru, Toyota, Volvo, VW, Opel
- includes 15 resetting adaptors, also 3- and 4-pin adaptor for newer vehicles
- working pressure: 5 to max. 8 bar
- 3 brake piston wind back adapters suitable for GM models
- 1 brake piston wind back adapters suitable for Citroen, Honda
- 1 brake piston wind back adapter suitable for Audi / Fiat / Alfa Romeo / Ford / Isuzu / GM / Honda / Jaguar / BMW / Mercedes-Benz / Mitsubishi / Nissan / Rover / Toyota / Volvo / VW
- 1 brake piston wind back adapter suitable for Mazda / Saab / Toyota / Fiat / Alfa Romeo / Honda / GM
- 1 brake piston wind back adapter suitable for 10 mm (3/8")
- 1 brake piston wind back adapter suitable for Nissan / VW Golf
- 1 brake piston wind back adapter suitable for Citroen
- 1 brake piston wind back adapter suitable for Audi / Subaru / Ford / Mini / Honda / Alfa Romeo / Audi / VW / Lancia / Mazda / Nissan / Peugeot / Toyota / VW Golf / VW Passat / VW / Citroen / Fiat / Jaguar / Renault / Saab / Seat
- 1 brake piston wind back adapter suitable for Saab / Honda / Alfa Romeo / Audi / VW / Lancia
- 1 brake piston wind back adapter suitable for Opel
- 1 brake piston wind back adapter suitable for Nissan / Ford
- 1 brake piston wind back adapter suitable for Ford / Mini / Mazda
- 1 brake piston wind back adapter suitable for Renault
- 1 air brake piston wind back tool



Brake



Item #	Description
1117	Brake Piston Reset Tool Set pneumatic 16 pcs.
1117-LEER	Empty Case for BGS 1117

Air Brake Piston Wind back Tool

- for left- & right-side thread - the direction is determined by moving the angled lever at the end of the hydraulic spindle
- fits for all thread pitches
- to be used with BGS 1114, 1117, 1119, 1127
- 6.3 mm (1/4") compressed air connection



Item #
1118



Brake Piston Reset Tool | universal | left + right Thread | 6 pcs.

- for resetting the brake piston when replacing the brake pads
- suitable for most diesel engines
- 1 adjustable 2-pin brake piston adaptor
- 1 adjustable 3-pin brake piston adaptor
- 1 magnetic adaptor plate for mounting standard brake piston adaptors with fixed pins
- 1 counterholding plate
- 1 two-way adaptor driver

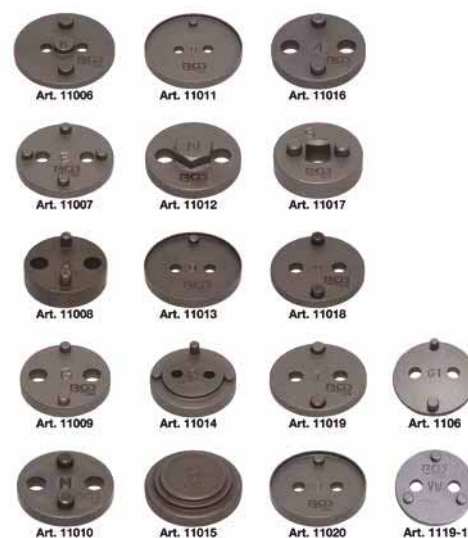


Item #
9159

Brake Piston Wind Back Adaptors

- suitable for all BGS brake piston wind back tool sets

Item #	Description
11011	Brake Piston Reset Adaptor 0 for GM
11014	Brake Piston Reset Adaptor 2 for Citroen / Honda / Mercedes
11015	Brake Piston Reset Adaptor 3 for VW / Land Rover / Audi
11016	Brake Piston Reset Adaptor 4 for Alfa Romeo / Fiat / Ford
11017	Brake Piston Reset Adaptor 5 Adaptor 10 mm (3/8")
11018	Brake Piston Reset Adaptor 6 for VW / Nissan / Jaguar
11019	Brake Piston Reset Adaptor 7 for Alfa Romeo / Audi / Citroen
11020	Brake Piston Reset Adaptor 8 for GM
11013	Brake Piston Reset Adaptor 9 for GM
11008	Brake Piston Reset Adaptor A / Z for Renault / BMW Mini
11007	Brake Piston Reset Adaptor E for Ford / Nissan
11009	Brake Piston Reset Adaptor F / G for Opel
11006	Brake Piston Reset Adaptor K for Citroen
11010	Brake Piston Reset Adaptor M for Ford / BMW Mini / Nissan
11012	Brake Piston Reset Adaptor N for Alfa Romeo / Audi / Lancia
1119-1	Brake Piston Reset Adaptor for VAG, Ford, Renault with electric handbrake
1106	Brake Piston Reset Adaptor for Golf V/VI



Pressure Plate

- suitable for BGS 1102, 1119, 1127, 1104

Item #
11000



Spindles for Brake Piston Wind-Back Sets

- replacement for wind-back tool from BGS wind-back-sets
- can be used with all pressure plates contained in BGS sets Nr. 1102, 1104, 1119, 1127

Item #	Description
1120	Spindle for Brake Piston wind-back Set right-turning
1121	Spindle for Brake Piston wind-back Set left turning



Brake Piston Reset Tool | spring loaded

- for winding back brake pistons on rear axle brake callipers with hand brake function
- spring-loaded rotation axis, suitable for the left- and right-hand threaded pistons
- fits all separately available BGS brake piston adaptors and brake piston adaptors in BGS brake piston wind back tool sets

Item #
9395



Brake Piston Reset Tool | universal

- for winding back brake pistons of bigger vehicles
- for eg. Mercedes-Benz S-class, BMW 7-series, Porsche, SUV's
- for fixed caliper brakes with more than two brake pistons

Item #
1123



Brake Piston Reset Tool | universal Type

- universal brake piston resetting tool for pistons which can be reset without turning
- spreading width: 13 - 87 mm



Item #
1126

Brake Piston Reset Tool | with double guide | universal Type

- for pushing back the brake pistons on e.g. front brake callipers
- suitable for most cars and vans
- two guides for very stiff pistons
- made of cast steel with carbon steel spindle



Item #
67309

Brake Piston Reset Tool | with Ratchet Function

- for damage-free resetting of brake pistons
- allows centered, tilt-free resetting
- no damage to seals, pistons and cylinders
- required for maintenance and brake pad replacement
- suitable for almost all vehicle types with floating and fixed callipers without integrated handbrake function
- spindle ratchet mechanism (reversible) reduces the effort
- solid construction with hardened resetting plates
- dip coated handle
- working range from 40 - 68 mm
- length: 270 mm



Item #
1101

Brake Piston Reset Tool | for VW T5

- special tool for VW T5
- with spindle and adapter



Item #
1113

Brake Piston Reset Tool | 10 mm (3/8")

- for turning back the brake pistons on brake systems with hand brake detection
- universal type
- 10 mm (3/8") drive

Item #
1124



Reamer Set | for ABS Sensor Hole

- for cleaning the ABS sensor-mounting holes
- removes debris such as corrosion, dirt and residue of old ABS sensors
- prevents damage to the new sensors and ensures a precise fit

includes the following reamers, suitable for:

- VAG, utility vehicles - Ø 18 mm x 34 mm
- VAG, BMW E36, E46 - Ø 18 mm x 23 mm
- Mercedes A-Class, Ford and Mazda - Ø15 mm x 23 mm
- BMW E38, E39, E52, E60, E61, E63, E64, E65, E66, E67, E70, E71 - Ø14 mm x 322 mm
- Skoda Fabia, Seat Ibiza, Opel Insignia, VW Golf V, Polo 9N, T5 - Ø 10 mm x 29 mm
- swivel head ratchet 6.3 mm (1/4") drive, 123 mm length
- 10 mm HSS drill



Item #
65525

Reamer Set | for ABS Sensors

6.3 1/4

- it is recommended to use the reamers before replacing the ABS sensors
- suitable for Mercedes, Ford, Daewoo, Audi, BMW, Peugeot, Renault, VW and other cars
- reamer Ø18 mm x length 23 mm and Ø15 mm x length 23 mm
- 6.3 mm (1/4") T-handle
- reamers can also be used with 6.3 mm (1/4") ratchet

Item #	Description
65520	Reamer Set for ABS Sensors
65521	Reamer for BGS 65520 Ø 15 mm, length 23 mm
65522	Reamer for BGS 65520 Ø 18 mm, length 23 mm



Repair Kit for Brake Threads | for VAG | M12 x 1.5 | 15 pcs.

- suitable for VAG models
- 1 step drill
- 1 drilling template with pilot
- 1 hand tap
- 1 hexagon wrench
- 1 bearing
- 10 thread sleeves



Item #	Description
8408	Repair Kit for Brake Threads for VAG M12 x 1.5 15 pcs.
8408-1	HSS Drill for BGS 8408 110 x 10 mm for BGS 8408
8408-3	Tap Set M12 x 1.5 for BGS 8408
8408-2	Thread Sleeve M12 x 1.5 for BGS 8408

Repair Kit for Brake Threads | M9 x 1.25 | 16 pcs.

- 10 replacement threads
- 1 step drill
- 1 tap
- 1 L-type wrench
- 1 drilling gauge for VAG, 91 mm
- 1 drilling gauge for Opel, 94 mm
- 1 drilling gauge for Ford, 105 mm
- for thread/pitch: M9 x 1.25



Item #	Description
148	Repair Kit for Brake Threads M9 x 1.25 16 pcs.
148-3	Tap Set M9 x 1.25 for 148
148-2	Step Drill for BGS 148
148-1	Thread Replacers for BGS 148 M9 x 1.25

Universal Repair Set | for Brake Calliper Bleeding Valves | 1/4" & 1/8" NPT

- is used for boring out demolished bleed valves
- the valve is bored out completely including its thread and replaced by a threaded bush with a new bleed valve
- suitable for e.g. Audi, VW, Opel, etc.
- twist drill 6.0 mm, HSS
- twist drill 8.5 mm, HSS
- core drill tool, 11 mm, titanium nitrate surface
- hand tap 1/8" x 27 NPT, HSS
- hand tap 1/4" x 18 NPT, HSS
- countersink 90°, HSS
- bleed valve repair inserts 1/4" NPT (2 pcs.)
- bleed valve repair inserts 1/8" NPT (2 pcs.)



Item #	Description
9346	Universal Repair Set for Brake Calliper Bleeding Valves 1/4" & 1/8" NPT
9346-1	Valve Repair Inserts 4 pcs.

Guide Bolt Repair Set | for Brake Calliper Carriers

- used for repairing faulty inner threads on brake calliper guide bolts in wheel bearing housings / brake calliper carriers
- reduces repair costs to the minimum
- wheel bearing housing and wheel bearing do not need to be replaced
- dismantling of wheel bearing, strut and a wheel alignment are not required
- suitable for models from VAG, Ford and Opel
- 1 twist drill
- 1 tap M10x1.25
- 10 calliper guide bolts



Item #
9347

Brake Calliper Socket Set | 5-point (pentagon) | 5 pcs.

12.5 1/2

- for e. g. disassembly of brake callipers
- includes the following 5-pt. (pentagon) sockets:
- 10 mm pentagon socket
- 12.5 mm pentagon socket
- 14 mm pentagon socket, suitable for brake callipers on Mercedes-Benz, Smart, Opel Astra G and Zafira
- 19 mm pentagon socket, suitable for parking brake on Citroen, Renault, Peugeot
- 10 mm pentagon bit socket, suitable for Girling brake systems



Item #
1112-1



Brake Calliper Special Socket Set | 12.5 mm (1/2") | 3 pcs.

12.5 1/2

- 14 mm pentagon socket fits Opel / Vauxhall (Astra G, Zafira), Mercedes-Benz, Smart
- 19 mm pentagon socket fits Peugeot, Renault
- 10 mm pentagon bit socket for Girling brakes



Item #
1112



Brake Calliper Socket | 10-point | for VAG and Porsche

10 3/8

- required for replacing the brake pads
- suitable for 6-piston fixed brake callipers on Porsche, VW Touareg, Audi Q7
- size: 9 mm 10-pt.
- drive 10 mm (3/8")
- length: 30 mm



Item #
8981



Brake Calliper Sockets | Internal hexagon | extra short

6.3  1/4 10  3/8

- for loosening / tightening axle nuts on brake calipers
- extremely low profile: 24 mm
- **BGS 4995, 7 mm internal hexagon**
with 10 mm (3/8") drive
especially suitable for rear brake caliper bolts
on Mercedes Benz C-Class models
- **BGS 4996, 8 mm internal hexagon**
with 10 mm (3/8") drive
especially suitable for screw connections on rear brake calipers
on Audi A4, A6, A8 models
- **BGS 4997, 8 mm internal hexagon**
with 6,3 mm (1/4") drive
especially suitable for screw connections on rear brake calipers
on Audi A4, A6, A8 models



Item #	Description
4995	Brake Calliper Socket internal Hexagon extra short 7 mm
4996	Brake Calliper Socket internal Hexagon extra short 8 mm
4997	Brake Calliper Socket internal Hexagon extra short 8 mm

Pentagon Socket Set | 12 mm Drive | 4 pcs.

- for resetting the piston adjuster
- required when changing brake pads
or other work on the brake calliper
- suitable for SAF / Knorr and
brake callipers for other commercial vehicles
- drive: 12 mm external hexagon with magnet
- sizes:
 - hexagon 8 mm
 - hexagon 10 mm
 - Square 8 mm
 - 11-point



Item #
9412

Brake-Calliper Brush | brass | bent | 230 mm

- for cleaning aluminum brake callipers
- soft brass bristles facilitate damage-free cleaning
- slim design allows working in areas with restricted access
- 2 component plastic handle with hanging hole
- size: 90 x 22 mm



Item #
1793-1



Brake Calliper Brush | bent | 230 mm

- for cleaning aluminium callipers
- soft brass bristles facilitate damage-free cleaning
- slim design allows working in areas with restricted access
- 2 component plastic handle with hanging hole
- size: 90 x 22 mm

Item #
1793



Brake Calliper Brush | brass | 220 mm

- for cleaning aluminium brake callipers
- soft brass bristles facilitate damage-free cleaning
- slim design allows working in areas with restricted access
- plastic handle with hanging hole

Item #
1798-1



Brake Calliper Brush | steel wire | 220 mm

- for cleaning brake callipers
- slim design allows working in areas with restricted access
- steel wire, straight
- plastic handle with hanging hole

Item #
1798



Brake caliper file | Square | 260 mm

- for cleaning brake callipers
- all sides with deep and rough diagonally positioned rasps
- helical tothing
- flat hand
- broken angles
- 2-component handle

Item #
1792



Brake Saddle Assembly Tool | for VAG, Porsche | 2 pcs.

- for use on radial brake callipers
- allows safe replacement of the brake pads
- prevents damage to ceramic brake discs
- suitable for:
 - Porsche Cayenne
 - VW Touareg
 - Audi Q7
- to be used as OEM T10439

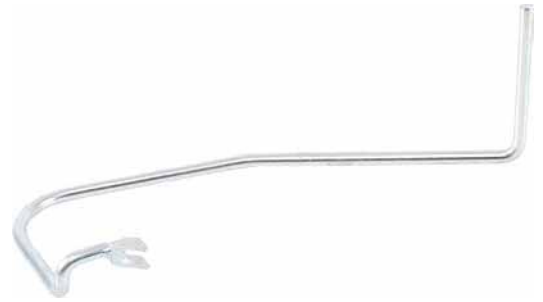
Item #
8929



Brake Pedal Release Tool | for VAG

- separates brake pedal from brake servo
- suitable for many models from Audi - Seat - Skoda - VW
- to be used as OEM T10159B / T10159A

Item #
9527



Assembly Hook

- for brake spring and headlight spring assembly
- material: steel, alloyed
- surface finish: black

Item #
8018



Brake Calliper Sealing Groove Cleaner Set | 2 pcs.

- for cleaning the sealing groove of brake callipers
- high degree of hardness, allows scraping of dirt and rust
- includes 2 cleaning tools with different tip shape
- length: approx. 200 mm

Item #
9171



Punch Set for Brakes | 28 pcs.

- especially suitable for where precise work is needed
- without handle (straight type)
- in metal holder
- punch set: Ø 2.4 - 2.8 - 3.2 - 3.6 - 4.0 - 4.4 - 4.8 - 5.25 - 5.6 - 6.0 - 6.4 - 6.7 - 7.1 - 7.5 - 7.9 - 8.3 - 8.7 - 9.1 - 9.5 - 9.9 - 10.3 - 10.7 - 11.1 - 11.5 - 11.9 - 12.3 - 12.7 - 13.5 mm
- length: 123 mm
- material: carbon steel

Item #
2029



L-Type Wrench for Brake Calliper | internal Hexagon 7 mm

- profile: internal hexagon 7 mm

Item #
1122



Brake Lining Wear Indicator Set | Aluminium | 8 pcs.

- for quick assessment of the brake pad thickness on disk brakes
- colour coded
- scale: metric, with indication on each brake lining wear indicator
- measuring range: 2 mm up to 12 mm



Item #
9440



Brake Disc Calliper | 60 mm

- stainless steel
- measuring range 60 mm
- in plastic case

Item #	Description
1937	Brake Disc Calliper 60 mm
1937-LEER	Wood Case for BGS 1937



Brake Disc Calliper | 60 mm

- for measuring the brake disc thickness, tire tread depth etc.
- max. measuring depth: 60 mm
- dimensions: 182 x 115 x 13 mm
- material: aluminium

Item #
8689



Digital Brake Disc Vernier Calliper | 80 mm

- extra-long and slim design
- especially suitable for measuring brake discs without dismantling the wheel
- large and easy-to-read LCD display
- low battery indicator
- automatic power-Off
- measuring arm depth: 28 mm
- measuring range can be switched from inch to metric
- measuring range: 0 - 80 mm (0 - 3.2")
- resolution: 0.01 mm (0,0005")
- resolution: +/- 0.025 mm (+/- 0.001")
- made from hardened stainless steel
- incl. 3 Volt CR2032 battery
- in plastic case



Item #
9177



Digital Brake Disc Vernier Calliper | 140 mm

- measuring range up to 140 mm / 5,5 inch
- hold-function
- digital measurement in mm and inch
- with battery CR2032-3V
- with conversion scale in plastic box

Item #
1943



Brake Disc Vernier Calliper | 200-400 mm

- for measuring the brake disc diameter without disassembling the wheels
- allows quick and efficient identification of the brake system and eliminates the risk of ordering wrong brake parts
- all-purpose
- overall length: 455 mm
- measuring range: 200 - 400 mm

Item #
9392



Brake Drum Tool Kit | 6 pcs.

- brake piston spanner
- brake spring pliers with moveable wheel clamp
- hose clamp
- brake piston clips
- hand brake cable pliers

Item #
1833



Brake Maintenance and Assembly Tool Set | 15 pcs.

- universal set for drum and disc brake systems
- brake spring pliers with movable claw for removing and installing of brake shoe springs
- brake spring pliers for installing and removing the brake shoe recuperating spring, forged type
- brake calliper brush for removal of brake dust and dirt from the brake callipers
- brass brake calliper brush for cleaning of brake dust from aluminium brake callipers
- special tool for brakes for installing and removing spring plates and the holding device of brake linings e.g. on VW, Seat, Skoda, Opel and Renault
- brake calliper file, extra slim style, for removal of brake dust rust and dirt from the brake calliper
- brake line flare nut wrench with enforced 6-pt. openings, straight hexagon slot, 10 x 11 mm
- assembly tool for installing and removing the draw spring, e.g. on Mercedes-Benz, VW LT as of 1997
- brake spring installer for pressure spring of the parking brake
- brake cable spring pliers for the installation and removal hand brake cable
- universal joint bit socket, 10 mm (3/8") drive, internal hexagon 10 mm
- bit socket, length 110 mm, 12.5 mm (1/2") drive, internal hexagon 6 mm
- bit socket, length 100 mm, 12.5 mm (1/2") drive, internal hexagon 7 mm
- bit socket, length 80 mm, 12.5 mm (1/2") drive, internal hexagon 8 mm
- screwdriver, length 265 mm, cross slot drive PH3



Brake



Item #	Description
1818	Brake Maintenance and Assembly Tool Set 15 pcs.
1818-1	Joint Socket 10 mm (3/8") Drive internal Hexagon 7 mm

Brake Shoe Spring Extraction Tool

- for easy disassembly of the retaining spring on brake shoes
- suitable for spring plate diameters of 14 to 20 mm
- easy and safe handling
- diameter 34 mm
- length: 240 mm

Item #
8308



Brake Spring Assembly Tool with Aluminium Handle

- zinc coated
- for assembling and removing braking plate springs

Item #
1135



Brake Spring Installer | for Mercedes-Benz Parking Brake | 140 mm

- especially for Mercedes parking brake
- for disassembly and assembly of spring clips on brakes (rear disk brakes)

Item #
1791



Brake Spring Pliers with Claw | 330 mm

- with movable claw for riveted and glued pads

Item #
1817



Brake Cable Spring Pliers | 215 mm

- for assembling and removing hand brake cables on brake shoes
- joints and fork black finished
- nickel plated handles

Item #
1831



Brake Cable Spring Pliers | 210 mm

- for removing brake drum springs

Item #
1832



Spring Plate Pliers | for Drum Brakes

- for removal of spring plates on brake shoes of drum brakes
- self-opening due to the spring mechanism
- for spring plates from 7-30 mm
- angled shape
- suitable for difficult to reach places

Item #
8642



Brake Drum Gauge | 160 - 360 mm

- suitable for brake drums, sizes between 160 - 360 mm
- for outer and inner measurements
- with fine adjustment

Item #
1939



Holding Tool | for Drum Brake Pistons | 4 pcs.

- facilitates assembly of the brake shoes
- holds the brake piston in the cylinder
- prevents brake fluid leakage
- suitable for brake piston distance 50 - 80 mm

Item #
9028



Radio Removal Tool Set | 32 pcs.

- removal tool set for most brands and makes of auto radios and GPS systems
- 4 P-01 - for Mercedes-Benz, VW, Audi, Becker
- 2 P-02 - for Mercedes-Benz, Porsche, Becker
- 2 P-03 - for VW
- 2 P-04 - for Skoda
- 2 P-05 - for Becker
- 2 P-06 - for Clarion
- 2 P-07 - for PK Clarion
- 2 P-08 - for RK-Kenwood 01
- 2 P-09 - for Sony
- 2 P-10 - for RK-Kenwood
- 2 P-11 - for Fiat Bravo, Brava
- 1 Screwdriver - for BMW
- 1 hexagon key - for BMW, Opel
- 1 set of special hooks for Opel, Grundig, Blaupunkt
- 1 set of special hooks for VW, Audi, Ford
- 1 set of special hooks for Blaupunkt

Item #
8014



Radio Removal Tool Set | 18 pcs.

- for the assembly of radios and GPS systems, for most car types and brands:
 - old and new radios from Blaupunkt
 - old and new radios from Becker
 - radios from Grundig
 - original radios in Porsche models
 - original radios in Mercedes-Benz models
 - original radios in Audi models
 - original radios in Ford models
 - original radios in BMW and Opel models
 - original radios in VW models
 - original radios in new Skoda models
- in plastic pouch



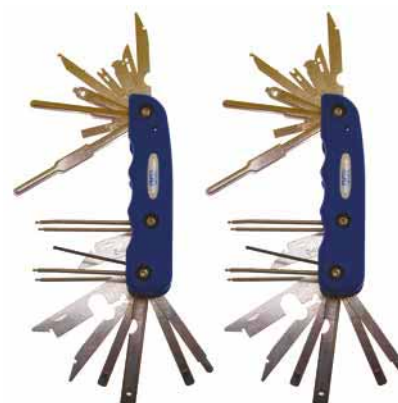
Item #
8011

Radio Removal Tool Set | 2 pcs.

- for the most common car stereo brands
- folds to a handy size

suitable for the following brands:

- P01 - Mercedes-Benz, VW, Audi, Becker, Renault, Alpine
- P02 - Mercedes-Benz, Porsche, Becker
- P03 - VW
- P04 - Skoda
- P05 - Becker
- P07 - Clarion, new models
- P08 - Kenwood 2002
- P09 - Sony
- P10 - Kenwood 98 2001
- P11 - Fiat Bravo, Brava
- P14 - Panasonic
- 1 internal hexagon wrench for BMW
- 1 hook for Fiat, Grundig, Blaupunkt, Ford, PSA, Renault, Alfa, VW, Audi
- 1 hook for Blaupunkt, Peugeot, Clarion



Item #
8247



Airbag Tool Kit | 12 pcs.

- includes 2 special T30 Bits (tamperproof and non-tamperproof) for Torx screws
- for disassembling the air bag unit as well as assembling & disassembling airbag pads

suitable for the following models:

- VW Bora, Golf, Jetta, Lupo, New Beetle, Passat, Polo
- Audi A4, A6
- BMW
- Mercedes-Benz
- Vauxhall
- Renault
- Seat as of 1999
- Škoda Fabia, Oktavia, Superb



Item #	Description
8147	Airbag Tool Kit 12 pcs.
8147-T30	Bit Socket 6.3 mm (1/4") Drive T-Star (for Torx) T30

Cable Splice Release Tool Set | universal | 12 pcs.

- removes wires from vehicle terminal blocks without any damage to the electronics (ABS, air conditioning system, sensors, etc.)
- for round and flat terminal blocks
- suitable for most car types, e.g. VW, Opel, Ford, Mercedes-Benz, BMW, etc.
- protective caps prevent damage to the blades when not in use

1 extraction tool each for:

- round plug contacts Ø 1.5 mm
- round plug contacts Ø 2.3 mm
- round plug contacts Ø 3.5 mm
- standard flat plug contact 1.48 mm
- Micro-timer flat plug contact 1
- Micro-timer flat plug contact 2+3
- Maxi-Power-Timer flat plug contact
- PIT POD flat plug contact
- JPT/SPT3 flat plug contact

- replacement sleeves



Item #	Description
60100	Cable Splice Release Tool Set universal 12 pcs.
60100-CE56	Cable Splice Release Tool CE56
60100-CE91	Cable Splice Release Tool CE91
60100-1	Replacement Sleeve for BGS 60100 3 pcs.

Terminal Tool Set | for VAG, Porsche | 11 pcs.

- removes wires from vehicle terminal blocks without any damage to the electronics (ABS, air conditioning system, sensors, etc.)
- for round and flat terminal blocks
- special set for VAG
- protective caps prevent damage to the blades
- also suitable for some connectors in BMW, Daimler, Chrysler, Fiat, Ford, Honda, Jaguar, Opel, Mazda, Mercedes-Benz, Mitsubishi, Porsche PSA, Renault, Saab, Toyota, Volvo, VAG
- for round contacts with diameter 1.5 / 2.3 / 3.5 mm
- for contacts with one locking lug 6.3 / 0.63 / 1.6 / 2.8 / 5.8 mm
- for contacts with two symmetrical locking lugs in 1.6 / 2.8 / 5.8 / 9.5 mm
- for contacts with two asymmetrical locking lugs in 2.8 mm



Item #
60120

Terminal Tool Set | for MAN, Volvo | 14 pcs.

- removes wires from vehicle terminal blocks without any damage to the electronics (ABS, air conditioning system, sensors, etc.)
- for round and flat terminal blocks
- special set for MAN and Volvo
- protective caps prevent damage to the blades.
- also suitable for some connectors in BMW, Daimler, Chrysler, Fiat, Ford, Honda, Jaguar, Opel, Mazda, Mercedes-Benz, Mitsubishi, Porsche PSA, Renault, Saab, Toyota, Volvo, VAG
- for round contacts with diameters 1.5 / 3.5 / 4.0 / 2.5 / 4.0 mm
- for contacts with one locking lug 2.8 / 5.8 mm
- for contacts with two symmetrical locking lugs in 2.8 / 5.8 / 2.8 mm
- for contacts with multiple locking lugs in 1.5 / 2.5 mm



Item #
60150

Terminal Tool Kit | 23 pcs.

- universal assortment for virtually all vehicles
- for damage-free unlocking of terminals and connectors, e.g. for ABS, climate sensors, radios, PDC, trailer coupling modules, and much more
- faults due to corrosion or connection defects can be repaired quickly
- suitable for round and tab contacts
- indispensable for technicians and vehicle electricians



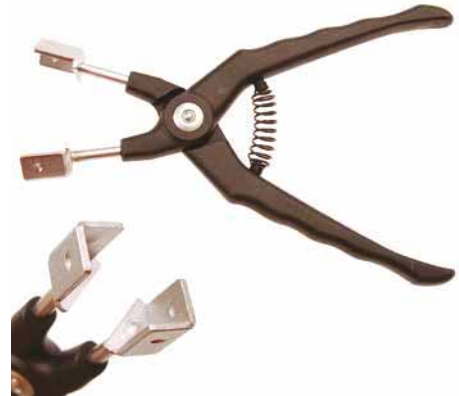
Item #
60160

Relay Pliers

- for removing and mounting of automotive relays
- especially suitable for tightly plugged relays
- suitable for most relay types
- fibre glass / plastic handles
- self-opening, spring-loaded



Item #	Description
8312	Relay Pliers straight
8313	Relay Pliers 45° offset



Taillight Removal Tool Set | 2 pcs.

- for effortless, damage-free disassembly of car lights
- universal application for light covers with clips (not for screwed ones)
- non-slip handle provides secure gripping, length: 118 mm
- plastic probes avoids scrapes
- disassembly tool: straight type, length: 198 mm, width: 17 mm, thickness: 1.2 mm, with 0.7 mm plastic probe
- disassembly tool: angular type, length: 205 mm, width: 17 mm, thickness: 1.2 mm, with 0.7 mm plastic probe

Item #
8851



Airbag Removal Tool | for Opel Insignia, Astra

- for releasing the driver airbag
- angled blade allows easy unlocking of the air bag holder, which can be reached through the hole behind the steering wheel
- suitable for e.g. Opel Astra (J), Insignia

Item #
8976



Connector Disassembly Tool | for VAG

- for safe and proper removing of most VAG push & pull connectors e.g. electrical connector on mass air flow sensor (MAF), pressure sensor (MAP), ignition coil pack, headlight, fog light, level sensor, etc.

can be used for following car types:

- VW / Audi / Skoda / Seat / Porsche

Item #
9172



Cigarette Lighter Release Tool for VAG

- for removing power supply sockets (cigarette lighters)
- suitable for the following Audi models, for example: A4 (2001), A4 (2008), Q5 (2008), A6 (2005), Q7 (2007)
- to be used as OEM T40148



Item #
9203

Front Light Adjusting Tool | for VAG

- for adjusting the front head light
- external 12-point, Ø 14.4 mm, with 5 mm guide pin

suitable for:

- Audi A4 (8K), A6 (4G), A5 (8T)
- VW Passat, Touareg



Item #
9205



Cable Installation Piercing Awl | 218 mm

- for piercing rubber seals
- cable can be put through the handle into the hollow the piercing awl
- for cable thicknesses up to Ø 6 cm
- handle type: 2-component handle
- length of awl: 104 mm



Item #
8641



Piercing Awl | 175 mm

- for piercing rubber, plastic, etc.
- hardened tip
- handle type: 2-component handle
- length of awl: 70 mm



Item #
67203



Digital Stroboscopic Gun | for Gasoline Engines

- electronic angle adjustment allows for precise flash of the markers
- especially suitable for engines that have no angle mark on the pulley
- further measurements are possible over the easy-to-read 7-segment display:
 - dwell at 2, 3, 4, 5, 6 and 8-cylinder engines
 - voltage and power loss test
 - engine speed
- firing angle: 0 to 60°
- drive speed: 200 to 9990 rpm
- dwell: 0 - 99.9%



Item #
40106



Digital Stroboscopic Gun | for Gasoline and Diesel Engines

- electronic angle adjustment allows precise flash of the markers
- especially suitable for engines that have no angle mark on the pulley
- further measurements are possible over the easy-to-read 7-segment display:
 - dwell at 2, 3, 4, 5, 6 and 8-cylinder engines
 - voltage and power loss test
 - engine speed
- also used for testing the start of diesel injection
- signal is picked up by a piezoelectric transducer to be mounted on the diesel line
- firing angle: 0 to 60°
- drive speed: 200 to 9990 rpm
- dwell: 0 - 99.9%
- power supply: 12 V



Item #
40107



Automotive Sensor Simulator

- for simulating signals of automotive sensors
- for finding hard-to-diagnose faults

possible outputs:

- DC voltage: 0.1 to 5 volts, increment: 0.1 V
- sine-like signal: 1 Hz to 300 Hz (5 volts), 1 Hz increment at 1 - 100 Hz, 10 Hz increment at 100 - 300 Hz
- rectangular-like signal: 1 Hz to 1 KHz (5 volts), 1 Hz increment at 1 - 100 Hz, 10 Hz increment at 100 - 1000 Hz, for the simulation of e.g. MAP sensors
- resistance: 100 ohm - 20 kohm, for the simulation of temperature sensors
- lambda probe signal, simulating the following 3 signals:
 - 1. permanently rich
 - 2. permanently lean
 - 3. alternating rich/lean
- crankshaft position sensor signal
- camshaft position sensor signal

scope of delivery:

- 1 simulator
- 1 double measuring cable (red/black), 900 mm
- 1 measuring cable (red), 4 mm plugs (stackable), 900 mm
- 1 measuring cable (black), 4 mm plugs (stackable), 900 mm
- 3 measuring adaptor (red), 4 mm round socket to timer socket
- 3 measuring adaptor (black), 4 mm round socket to timer socket
- 3 measuring adaptor (red), 4 mm round socket to timer plug
- 3 measuring adaptor (black), 4 mm round socket to timer plug
- storage bag
- instruction manual



Item #
63404



Electronic Brake Resetting and Diagnostic Device | EPB / SBC

- application:
 - EPB / SBC trouble code reading and clearing
 - SBC / EPB system activation and deactivation
 - inspection of brake systems
 - position of rear brake piston must be set before and after changing brake discs, pads etc.
- suitable for Audi A8 (2004 - 2012), VW Passat (2005 - 2012), Mercedes 211, 221
- 9-V-monobloc battery

accessories:

- instruction manual
- test cable for connecting the tester to vehicle

- length: 209 mm
- width: 107 mm
- height: 37 mm
- display: 128 x 64 pixels
- operating temperature: 0 - 60 °C

Item #
8385



OBD II (EOBD) Trouble Code Reader

- allows reading and deleting OBDII trouble codes
- no trouble code list required, all trouble codes are displayed in plain text
- viewing the freeze frame values is an important feature to locate a fault
- reading of readiness codes indicates if emission systems are ready or not
- enables reading live data, various parameters are shown in real time
- power supply via OBDII cable from the vehicle
- easy to use
- menu languages: German, English
- OBDII error codes = motor control error codes, a reading of comfort and safety systems such as airbags, ABS, radio, heated seats, etc. is not possible

Item #
63311



Tachometer

- digital display
- photoelectronic
- measuring range 5 – 99,999 rpm
- accuracy +0.05 % +1d
- in plastic case



Item #	Description
2188	Digital Tachometer
2188-1	Reflector strips for BGS 2188



Ignition-Timing Tester for Classic / Vintage Cars

- for checking the ignition spark



Item #
3030



Hydraulic Drive Shaft Puller Set | 125 - 215 mm

- for pushing out the prop shafts or removing the wheel hub
- strong puller for cars, vans and vehicles with a bolt circle diameter of 125 - 215 mm
- especially suitable for glued or rusty drive shafts
- pressure force of the hydraulic cylinder is 10 t, can be used with impact spindle instead (included)
- quick and easy adjustment of the pulling lefs and diameter
- suitable for wheel hubs with 3, 4, 5, and 6 holes
- hydraulic spindle 10 t, 1 1/2" thread and pressure tip, sliding handle with 22 mm hex drive, length 250 mm
- impact spindle with movable bolt 30 mm hex drive, length 285 mm
- impact wrench with 30 mm hex drive for striking spindle, length 200 mm
- 35 mm spindle extension (for hydraulic ram)
- centering tip for hydraulic spindle
- 101 mm adaptor disc for puller arms and hydraulic spindle
- 5 puller arms
- length: 175 mm



Item #
7681

Wheel Hub Puller with Sliding Hammer | 6 pcs.

- forged type
- for pulling out the wheel hub
- thread size of inner thread on sliding hammer is 9/16" x 12G
- thread size of inner thread of pulling foot is 5/8" x 18G
- total length with assembled pulling foot is approx. 510 mm
- the different threads can be used with the included adaptor
- weight of sliding hammer: 1600 g



Item #
7745

Drive Shaft Feeder Set | 12 pcs.

- for feeding of drive shafts into the wheel hub
- universally usable by rich adaptation options
- suitable for cars from: VAG, Mercedes, BMW, Porsche, Peugeot, Renault, Opel
- flange nut
- sleeve 1: OD Ø 39 mm, ID Ø 29 mm
- sleeve 2: OD Ø 46 mm, ID Ø 36 mm
- spindle M14 x 1.5 mm, external thread
- spindle M16 x 1.5 mm, inner thread
- spindle M16 x 1.5 mm, external thread
- spindle M18 x 1.5 mm, inner thread
- spindle M20 x 1.5 mm, inner thread
- spindle M22 x 1.5 mm, inner thread
- spindle M24 x 1.5 mm, inner thread
- spindle M27 x 1.5 mm, inner thread
- spindle M30 x 1.5 mm, inner thread

Item #
8262



Drive Shaft Feeder Set | 7 pcs.

- for feeding of drive shafts into the wheel hub
- based in a standardized industrial wheel bearing
- contains 6 pull bushings with different threads sizes

suitable for the following models:

- M16 x 1.5 mm: for Subaru
- M20 x 1.5 mm: for VW Beetle, Touareg - Porsche Cayenne
- M22 x 1.5 mm: for BMW E30, E46
- M24 x 1.5 mm: for BMW E36 - Mercedes W203
- M27 x 1.5 mm: for BMW E32, E34, E38, E39, X5
- M30 x 1.5 mm: for BMW E32, E34, E36

Item #
8245



Hydraulic Drive Shaft Puller | 98 - 125 mm

- hydraulic ram 12 ton
- especially for glued and rusty drive shafts
- fits on 4- and 5-hole hubs with hole circle diameter of 98 to 125 mm
- for wheel bolt size up to M14
- for big cars, SUVs and light trucks
- spindle can be turned by hand or ratchet

Item #	Description
7774	Hydraulic Drive Shaft Puller 98 - 125 mm
7774-3	Puller Feet Thread 1.1/2" x 16 mm for BGS 7774
7774-2	Washers for BGS 7774 5 pcs.
7774-1	Empty Case for BGS 7774



Wheel Hub Puller with Sliding Hammer

- allows the removal of wheel hubs
- fits on 4- and 5-hole hubs with hole circle diameters of 116 to 134 mm
- for big cars, SUVs and light trucks
- 6 kg sliding hammer, total weight 12.7 kg



Item #	Description
7772	Wheel Hub Puller with Sliding Hammer
7772-1	Sliding Hammer Adaptor
7772-2	Sliding Hammer

Wheel Hub Puller with Sliding Hammer | for Ford Transit

- suitable for removal and installation of brake discs on front and rear wheel drive on Ford Transits >2001
- sliding hammer with 6 kg weight
- external thread M24 x 2.0
- incl. impact hammer adaptor, internal thread M24 x 2.0 on internal thread M20 x 1.5
- to be used as OEM 204-345B



Item #	CRO MO
7776	

Wheel Hub Puller | for Ford Transit | from BGS 7776

- suitable for removal and installation of brake discs on front and rear wheel drive vehicles
- external screw thread M24 x 2.0
- incl. sliding hammer adaptor, internal thread M24 x 2.0 of internal thread M20 x 1.5
- to be used as OEM 204-345B

Item #
7776-1



Wheel Bearing Puller | 4 & 5 hole | hole circle 100 - 115 mm | with Sliding Hammer

- suitable for flanges with 4 and 5 holes
- hole distance 100 to 115 mm
- suitable for M12 wheel bolts
- 4 kg sliding hammer
- thread 5/8" x 18
- length: 570 mm

Item #
7735



Front Hub Puller | 4 & 5 hole | hole circle 100 - 115 mm

- for flanges with 4 and 5 holes
- for wheel bolt size M12
- hole distance 100 to 115 mm

Item #
7733



Pull Adaptor | for sliding hammer

- for use with sliding hammer BGS 7719, 7735, 7745, 7733
- suitable for flanges with 4 and 5 holes
- hole distance: 100 to 115 mm
- suitable for wheel bolt size M12
- internal thread: 5/8" x 18G

Item #
7712



Sliding Hammer | for puller feet

- suitable for puller feet BGS 7712, 7733
- sliding hammer thread 5/8" 18 UNF
- adaptor thread 7/16" 14 UNF
- weight: 2.1 kg

Item #
7719



Wheel Hub Retainer Tool

- for holding the wheel hub when loosening the drive shaft, wheel bearing nut, etc.
- no pressing of the brake pedal during disassembly / assembly of the axle nut
- suitable for four and five stud wheel hubs
- length: 350 mm

Item #
9470



Pliers for Axle Boot Clamps | 235 mm

- with ear holder, prevents loosening of sleeve fasteners
- universal use, works on CV boots, fuel hoses on VAG, Opel, BMW, Mercedes-Benz, Honda, Nissan, Mazda etc.
- for working on Oetiker system ear hose clamps



Item #
161



Pliers for Axle Boot Clamps | for use with Torque Wrench

10 $\frac{3}{8}$ "

- forged steel
- suitable for stainless steel hose clamps
- simply adjust to the required torque using a torque wrench on the 10 mm (3/8") socket



Item #
163

Axle Boot Clamp Pliers | for VAG, Mercedes-Benz, Toyota

- suitable for progressively adjustable clamps installed on axle boots on VAG, Mercedes-Benz und Toyota
- to operate step and deaf clips
- special claws for easy application
- automatic opening



Item #
479



Thread Repair Kit for Drive Shafts / Prop Shafts | 8 pcs.

- for trimming and cleaning external threads
- to be turned directly on the external hexagon without die holder
- color coding metric / inch
- tap M24 x 1.50 mm - 13/16" x 20 UNEF
- tap M24 x 2.00 mm - 3/4" x 20 UNEF
- tap M22 x 1.00 mm
- tap M22 x 1.50 mm
- tap M20 x 1.50 mm
- tap M20 x 1.25 mm

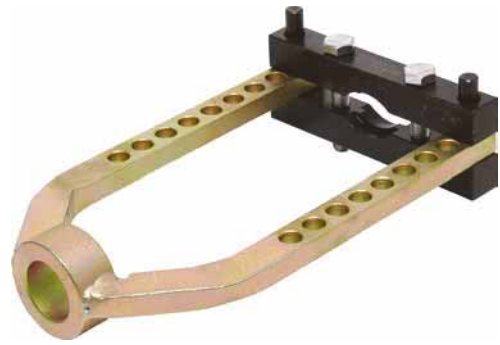


Item #	Description
1141	Thread Repair Kit for Drive Shafts / Prop Shafts 8 pcs.
1141-LEER	Empty Case for BGS 1141

Propshaft Separator

- for removing the constant-velocity joints on the front drive shafts
- fits for most car models (except for Seat)
- extra wide frame for large joints
- non-slip and adjustable grip jaws
- internal tool width: 99 mm
- internal tool length: 204 mm

Item #
1518



Drive Shaft Removing Tool | for BMW 4WD vehicles

- for removing the drive shaft from the front axle
- suitable for 4WD BMW 535IX, X3 and X5
- makes disassembly much easier
- dip insulated handles

Item #
8292



Drive Shaft Socket | for VAG 4WD

20 3/4

- for loosening and tightening the drive shaft nut on the drive shaft
- suitable for drive shaft nuts on 6-speed gearbox 0A3 (4WD)
- to be used as OEM T40097
- to be used on e. g.: Audi A4 2001+, Audi A6 2005+

Item #
8572



Axle Tolerance Testing Tool

12.5 1/2

- for locating defects on axles, such as defective ball joints, wheel bearings, etc.
- suitable for fault diagnosis with loaded axle (as in normal operation)
- testing is carried out through visual, acoustical and tactile sense verification
- especially suitable when car is mounted on 4-post lift but also usable on the workshop floor
- with 12.5 (1/2") drive for use with sliding bar
- total length: 355 mm
- dimensions of the plastic coating: Ø 60 x length 265 mm

Item #
8633



Axle Boot Clamp Set | 12 pcs.

- for securing of rubber axle boots on drive shafts
- zinc coated
- can be mounted e. g. with Pliers for Axle Boot Clamps (BGS 161)
- length: 430 mm
- BGS 9451, width: 7 mm
- BGS 9452, width: 9 mm



Item #	Description
9451	Axle Boot Clamp Set 7 mm 12 pcs.
9452	Axle Boot Clamp Set 9 mm 12 pcs.

Universal Axle Boot Set | 4 pcs.

- suitable as a replacement for many axle boots
- allows a cost- and time-saving repair
- 3 steps, joint side diameter approx. 80, 90 and 100 mm (unstretched)
- with inside holding nose on all three steps
- diameter of shaft side approx. 30 mm
- length: approx. 128 mm
- extremely elastic and durable material
- especially suitable for use with BGS 162 boot slider
- includes lubricating grease for all types of drive shaft joints
- multistep boot clips



Item #
164

Wishbone Lever Tool

- to depress the wishbone and other axle parts when removing the drive shaft, when changing the drive shaft boot or the wheel bearing
- facilitates the removal of control arm ball joints from the wheel bearing housing
- also very helpful in the assembly of pre-tensioned control arms
- support adjustable in 3 positions
- neoprene handle for secure grip
- length: approx. 120 cm



Item #
3521

Wishbone Lever Tool | with Chain

- enables convenient lowering of the wishbone
- holds the wishbone in the retracted position
- required for example when replacing the wheel bearing, repair on the strut or the drive shaft
- no risk of injury due to sliding mounting lever
- prevents damage to the ball joints and drive shaft sleeves
- for easy and fast assembly
- low height
- universal use due to adjustable chain
- support surface with anti-slip support
- maximum traction: 500 kg
- total length incl. hook: 1030 mm
- Clamping height: 65 mm to 265 mm
- chain length including hook: approx. 660 mm



Item #
9414

Spring Strut Set | 8 pcs.

12.5 1/2

- contains essential tools for upper piston rod nuts on the shock absorber and for spreading the strut clamp in the pivot bearing
- includes the following spreader sockets:
 - 5.0 mm spreader, 60 mm long, 12.5 mm (1/2") drive
 - 5.5 mm spreader, 48 mm long, 12.5 mm (1/2") drive
- the following special sockets for upper shock absorber nuts:
 - internal Ø 10.5 mm, 3.5 mm pin, 22 mm 6-pt. drive
 - internal Ø 12.5 mm, 3.5 mm pin, 22 mm 6-pt. drive
 - internal Ø 14.5 mm, 5.0 mm pin, 22 mm 6-pt. drive
 - internal Ø 14.0 mm, 2.5 mm mm pin, 22 mm 6-pt. drive
 - internal Ø 15.0 mm, 5.0 mm pin, 22 mm 6-pt. drive
 - internal Ø 12.5 mm x external 15.5 mm, 3 mm pin



Item #
6457



Shock Absorber Tool Kit | 39 pcs.

- for counterholding the piston rod while loosening
- hexagon sockets, long, for loosening 14 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 mm
- 2-tap sockets for loosening: 10.5 - 12.5 - 14.0 - 14.5 mm
- 2-pin locknut inserts for loosening: 10.5x3.5 mm, for Volkswagen
- 2-pin locknut inserts for loosening: 12.5x3.5 mm, for Volkswagen
- 2-pin locknut inserts for loosening: 14.0x2.5 mm, for Mercedes-Benz
- 2-pin locknut inserts for loosening: 14.5x3 mm, for VAG
- 2-pin locknut inserts for loosening: 14.5x5 mm, for Austin
- slot-profile socket for counterholding: 4 - 5.2 - 6 - 6.3 - 7 - 8 - 9 - 10 - 12 mm
- D-profile bits for counterholding: 5 - 10 mm
- hexagon sockets for counterholding: 8 - 9 - 10 - 11 mm
- hexagon bits for counterholding: 5 - 6 - 7 - 8 mm
- slotted bits for counterholding: 3 - 3.5 - 4 mm
- spline bit M12
- T-star (for Torx) bits for counterholding: T50 - T60



Item #	Description
2086	Shock Absorber Tool Kit 39 pcs.
2086-H5	Special counterholding Bit internal Hexagon 5 mm
2086-H6	Special counterholding Bit internal Hexagon 6 mm

Shock Absorber Tool Kit | 18 pcs.

12.5 □ 1/2

- fits most popular vehicle types
- for repair jobs on shock absorbers and for counter holding the shock absorber piston
- 1 push-through reversible ratchet, 12-point 21 mm
- 7 sockets, hexagon, deep, 12.5 mm (1/2") and external hexagon 21 mm, 16 - 17 - 18 - 19 - 21 - 22 - 24 mm
- 3 bit sockets, length 122 mm, 12.5 mm (1/2"), internal hexagon 6 - 7 - 8 mm
- 3 bit sockets, length 122 mm, 12.5 mm (1/2"), special profile (oval), 5x8 - 6x8 - 7.1x9.6 mm, suitable for Porsche Cayenne S, VW Touareg
- 1 bit socket, length 122 mm, 12.5 mm (1/2"), T-star (for Torx) T50, suitable for Opel Astra H
- 1 socket, hexagon, deep, 12.5 mm (1/2"), length 122 mm, 7 mm, suitable for Mercedes Benz Vaneo
- 1 socket, hexagon, deep, 12.5 mm (1/2"), length 122 mm, 8 mm, suitable for BMW
- 1 socket, hexagon, deep, 12.5 mm (1/2"), length 122 mm, 9 mm, suitable for Opel Corsa B, Astra F/G, Vectra B

Item #
2087



Shock Absorber Tool Kit | 21 pcs.

- for loosening of shock absorber nuts
- suitable for most vehicles, incl. Japanese gas shock absorbers
- extension socket
- rotating plate with 39 / 34 mm external hexagon
- rotating plate with 60 mm internal hexagon
- 90° rotation plate, universal
- 120° rotation plate for Japanese cars
- 4 holding plates each with 4-pt. head and round head
- 4 screws M6 x 18
- 4 mm internal hexagon wrench
- 3 sockets for grooved nuts with 22 mm hexagon drive in following sizes:
 - 10.5 mm inner diameter with 3.5 mm pin
 - 12.5 mm inner diameter with 3.5 mm pin
 - 14.5 mm inner diameter with 3.5 mm pin



Item #
8679

Shock Absorber Tool Kit | for Shock Absorbers with Stop Spring | 8 pcs.

- allows an easy mounting and dismounting of shock absorbers with tension stop springs
- the tension stop spring prevents a complete pull-out of the piston rod and makes it difficult to assemble the spring plate (camber plates)
- the tool allows a complete pulling out of the piston rod against the tension stop spring
- fits on most shock absorbers with tension stop springs, on e.g. BMW / MB / Toyota / Nissan / Fiat / Peugeot / Ford, etc.

scope of delivery:

- universal clamping piece with plastic jaw protector
- 2 clamping screws set, short
- intermediate bearing with telescopic pipe receiving thread
- telescopic basic unit with handle
- 1 knob
- T-handle hex. wrench with ball head



Item #
8877

Spreader Sockets for Spring Strut Clamps

12.5 mm 1/2"

- for damage-free spreading of the strut clamps on VAG, BMW, Citroen, Ford, Renault, Japanese cars etc. wheel bearing housings



Item #	Description
6453	Spreader Socket for Spring Strut Clamps 12.5 mm (1/2") Drive 5.5 x 8.2 mm
6454	Spreader Socket for Spring Strut Clamps 12.5 mm (1/2") Drive 5 x 7 mm
6455	Spreader Socket Set for Spring Strut Clamps 12.5 mm (1/2") Drive 5 x 7 mm + 5.5 x 8.2 mm 2 pcs.



Spring Strut Set | 4 pcs.

- for VAG and Mercedes-Benz shock absorber bolts
- 22 mm hexagon drive
- inside Ø 10.5 mm, 3.5 mm pins
- inside Ø 12.5 mm, 3.5 mm pins
- inside Ø 14.0 mm, 2.5 mm pins
- inside Ø 14.5 mm, 5 mm pins



Item #
1111



Spring Strut | for VW, Audi | 22 mm Drive

- surface finish: black burnished



Item #
155



Shock Absorber Counter holding Wrench | for Shock Absorbers with Oval Pins

- ideal for countering during assembly and disassembly of the rear shock absorber piston rods
- universally usable for all common types of shock absorbers with oval pins
- two different wrench sizes: 5 x 8 mm and 6 x 9 mm
- safer and easier to use than locking pliers
- wrench ends slightly angled, for more loosening space
- length: 182 mm
- surface finish: chrome plated



Item #
1301



Shock Absorber Wrench | for Shock Absorber Screwing on Mercedes-Benz

- for loosening the upper shock absorber screwing
- the recess in the front part of the pin wrench allows counterholding of the piston rod
- plastic coated shaft prevents damage to the car painting
- suitable for Mercedes-Benz 211T-Model rear axle (E-Class station wagon)
- for nuts with 3-pin adaptor
- length: 230 mm

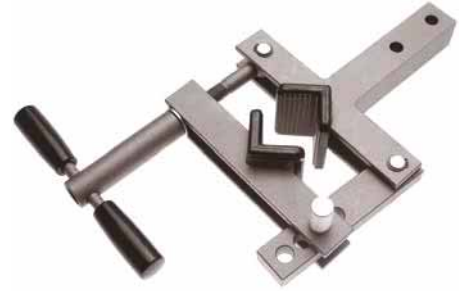


Item #
8307



Bench Vice Clamping Tool | for Struts

- for clamping MC Pherson struts in bench vices
- facilitates working on spring and shock absorbers
- protective rubber jaws prevent damage to the strut
- suitable for fixed mounting on the workbench
- material: carbon steel (S45)
- surface finish: phosphated



Item #
3150

Spring Compressor Set | 2500 kg

- professional spring compressor for daily workshop use
- for springs with a diameter of 90 to 140 mm
- especially suitable for vehicles with small hole in the spring control arm, down to Ø 30 mm e.g. VW Touran, Citroen C3, Skoda Octavia, Peugeot 107
- suitable for double wishbone / multi-link suspension systems
- good fit of the spring due to angled jaws, which increases the safety and functionality
- special socket prevents overloading of the spring compressor
- maximum load: 25000 Nm
- minimum distance: 96 mm
- maximum distance: 220 mm
- maximum spring travel: 124 mm
- 2 tensioning jaws 90 to 120 mm
- 2 tensioning jaws 120 to 140 mm
- special spindle for limited spaces Ø 30 mm
- special socket for torque limit



Item #
985

Spring Compressor Set | 1800 kg

- for safe disassembling / assembling of cylindrical spiral springs
- can be clamped in a vice, safe for one-man operation
- max. capacity: 1800 kg
- compressor body: length 500 mm, 5.4 kg
- additional jaws available under BGS 1134-XX
- 1 body
- 2 spring retainers Ø 80 - 145 mm
- 2 spring retainers Ø 145 - 195 mm
- max. capacity: 18000 N
- clamping depth: 65 - 364 mm



Item #
1144



Spring Compressor Set | 1500 kg

- for safe disassembling / assembling of conical, cylindrical & spherical springs out of McPherson struts
- maximum capacity: 1,500 kg (15,000 N)
- min. clamping depth: 65 mm
- max. clamping depth: 354 mm
- compressor body length: 475 mm
- compressor body weight: 4.7 kg
- weight incl. spring retainers: 10.2 kg
- 1 body
- 2 spring retainers Ø 80 - 145 mm
- 2 spring retainers Ø 145 - 195 mm



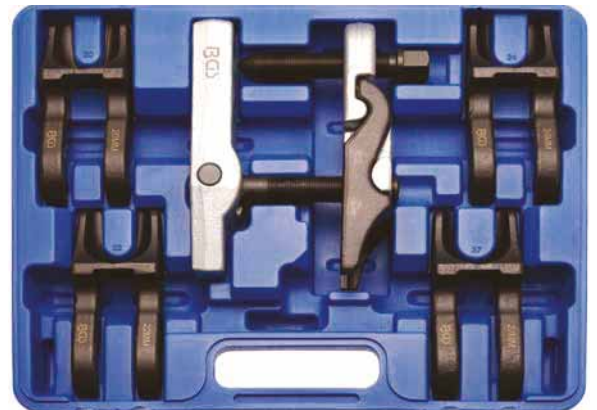
Item #	Description
1134	Spring Compressor Set 1500 kg
1134-1	Safety Wire for Spring Compressor products 1134, 1144
1134-10	Spring Support for BGS 1134, 1144 Ø 80 - 145 mm
1134-100	Spring Support Set for BGS 1134, 1144 for Peugeot Break, Citroen C15
1134-108	Spring Support "Plus" for BGS 1134, 1144 with protective insert Ø 80 - 120 mm
1134-110	Spring Support "Plus" for BGS 1134, 1144 with protective insert Ø 80 - 200 mm
1134-20	Spring Support for BGS 1134, 1144 Ø 145 - 195 mm
1134-25	Jaw for left twisted springs for BGS 1134, 1144
1134-30	Spring Support for BGS 1134, 1144 Ø 140 - 170 mm
1134-50	Spring Support for BGS 1134, 1144 Ø 80 - 120 mm
1134-60	Spring Support for BGS 1134, 1144 Ø 80 - 145 mm
1134-70	Jaw for BMW E39/E46 / Renault Megane II for BGS 1134, 1144
1134-75	Jaw for BMW Series 1/2/3/4 Mini One/Cooper/Cooper S for BGS 1134, 1144
1134-80	Jaw for Mercedes-Benz C-Class W203 until YOM 2008 for BGS 1134, 1144
1134-85	Jaw for Mercedes-Benz C-Class W204 / 205 as of 2008 for BGS 1134, 1144
1134-90	Jaw for Mercedes E-Klasse for BGS 1134, 1144
1134-95	Jaw for Renault Twingo 2014 for BGS 1134, 1144



Ball Joint Set | 7 pcs.

- allows disassembly of ball joints in various sizes
- suitable for cars, light trucks and SUVs
- 5 interchangeable forks 20 - 22 - 24 - 27 and 30 mm
- maximum pressure range: 125 mm
- heavy version

Item #
1790



Ball Joint Shifter Set | 23 - 28 - 34 mm | 3 pcs.

- for ejecting the ball joint out of axle legs, drop arms, stabilisers
- ejectors are universally usable, fit e. g. Mercedes-Benz, VAG and Opel
- especially for working in narrow spaces
- suitable only for working on closed joints or joints with centre hole
- sizes: 23x55, 28x55, 34x63 mm

Item #	Description
1813	Ball Joint Ejector Set 23 - 28 - 34 mm 3 pcs.
1813-23	Ball Joint Ejector opening 23 mm
1813-28	Ball Joint Ejector opening 28 mm
1813-34	Ball Joint Ejector opening 34 mm



Fork Type Separator Set | 5 pcs.

- forged execution separator
- fork type, length 300 mm, fork opening 23 mm
- fork type, length 300 mm, fork opening 26,5 mm
- fork typer, length 300 mm, fork opening 36 mm
- fork type, length 300 mm, fork opening 40 mm
- fork type, length 400 mm, fork opening 17 mm

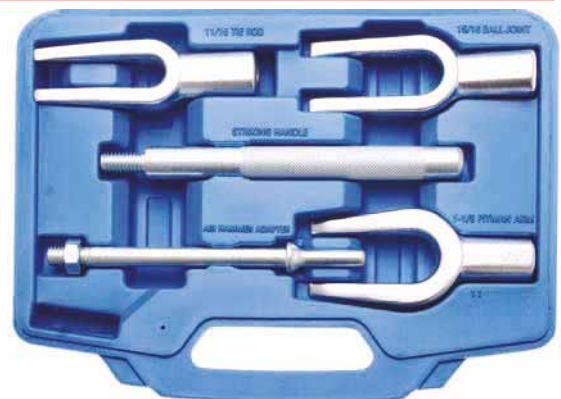
Item #
63800



Fork Type Separator Set | 5 pcs.

- with interchangeable fork heads
- for quick release of tie rod ends, steering levers, etc.
- fork openings approx. 17.4 - 23.8 - 28.5 mm
- manufactured from forged carbon steel
- handle for manual use
- adaptor for air hammer use (10 mm shaft)

Item #
1806



Ball Joint Fork Separator Set | for Air Hammer | 5 pcs.

- for separating ball joints
- includes 5 fork separators: fork opening: 20 - 24 - 30 - 35 - 42 mm
- suitable for air hammer kit e. g. BGS 3515
- high loosening power due to vibration
- shaft diameter 10 mm
- length: 180 mm



Item #
8894

Supporting Joint Tool Set | VW T4

- for assembly and disassembly of the upper suspension joints / guide joints on VW T4 Bus, Multivan, California, etc.
- suitable for: VW T4 front axle
- 1 extractor with hardened spindle, drive: external hexagon 24 mm, opening width 55 mm, inside height 70 mm
- 2 pressure piece adapters for pressing out
- 1 pressure piece adapter for pressing in
- 2 extension plates to adapt the extractor to the joint



Item #
8231

Supporting Joint Tool Set | for Mercedes-Benz

- allows dismantling and mounting of supporting joints
- suitable for Mercedes Benz W211 (E-class) / W220 (S-class) / W230 (SL-class) series
- heavy duty type
- pressure spindle 190 mm with 24 mm drive
- C-clamp with max. 155 mm opening
- 2 compression heads 40 mm and 54 mm
- 3 pressure pieces 22 mm, 33 mm and 57 mm



Item #
8293

Stabiliser Ball Joint Tool | for Supporting Joint Tool Set | for BGS 8293

- this extension tool allows a disassembly and assembly of the ball joints, suitable for Mercedes Benz W211 (E-class) / W220 (S-class) / W230 (SL-class) series
- to be used as OEM 2113230068
- material: S45C steel
- to be used with BGS 8293



Item #
8293-1



Supporting Joint Tool Set | for Volvo

- especially designed for dismounting and mounting of supporting joints in lower control arms (wishbones)
- suitable for following models with control arms made of aluminum and steel: Volvo S60 (2000-2009), V70 (1999-2007), XC70 (1999-2007), S80 (1998-2006), XC90 (2002-2014)
- to be used as OEM 9995796

scope of delivery:

- 1 press tool
- 2 guide bolts
- 3 ball joint adaptors M12x1.75 - M14x1.5 - M14x2.0
- to be used with e.g. the following BGS sliding hammers:
sliding hammer BGS 7772 + adaptor BGS 7772-4
sliding hammer BGS 7719 + adaptor BGS 7719-1



Item #
9420

Supporting Joint Tool Set | for BMW 3-series

- for installing / removing the supporting joints on BMW E36 series
- can also be used for hydro and plastic bushes

scope of delivery:

- disassembly counter holding sleeve, for resting in the opening of the base plate, outer diameter 49.0 mm, inner diameter 40.3 mm
- disassembly pressure sleeve, 68.2 mm outer diameter, 50.7 mm high, 2 opposite recesses 39.8 mm wide, 39.7 mm high
- mounting pressure sleeve, 62.3 mm outside diameter, 35.3 mm high, 2 opposite recesses 34.8 mm wide, 18.3 mm high
- sleeve, 47.5 mm high, 39.7 mm inside diameter, 49.1 mm outside diameter, 35.1 mm inside height, center thread M12 x 1.75 mm



Item #
8482

Ball Joint Puller | for Mercedes-Benz

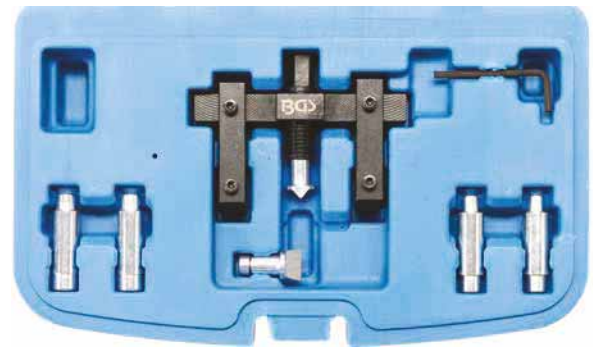
- for removal and installation of lower ball joints on the wishbone
- suitable for Mercedes Benz models W124, W129, W201
- consisting of pressure frame, disassembly and assembly pressure piece and reducer ring
- allows a much easier renewing of ball joints
- spindle with hexagon drive



Item #
8781

Ball Joint Spreader Tool Set | 7 pcs.

- for spreading the seats of shock absorbers and steering parts
- with 2 exchangeable spreading inserts (5 mm and 8 mm depth) and guide pins 8x10 mm (2x) and 10x12 mm (2x) for the shock absorber seat in the wheel bearing housing when changing the damper, for wishbone ball joint seat when disassembling the suspension strut etc.
- slipping off is avoided by strong guiding bolts that are stuck in the screw holes
- a spindle with 13 mm external hexagon pushes the spreader in the opening, no need to use a hammer
- material fatigue and breakage esp. of aluminium parts is avoided



Item #
65592

Ball Joint Separator

- forged carbon steel

BGS 1796

- pulling width: 46 mm
- pulling height: 47 mm
- overall width: 70 mm
- spindle M16 x 1.5 / hexagon 17 mm
- width: 70 mm

BGS 1797

- pulling width: 62 mm
- pulling height: 64 mm
- overall width: 85 mm
- spindle M18 x 1.5 / hexagon 19 mm
- width: 85 mm



Item #	Description
1796	Ball Joint Separator 23 mm
1797	Ball Joint Separator 29 mm

Tie Rod Separator | 18 mm

- forged
- surface finish: galvanised

Item #
1803



Ball Joint Separator | 19 mm

- suitable for many vehicles
- forged
- fork opening: 19 mm
- max. clamping width: 50 mm

Item #
1807



Ball Joint Separator | 20 mm

- universally applicable
- for all vehicle types for removing bearings for separating the ball plug when removing the ball joints
- fork opening: 20 mm
- max. clamping width: 50 mm

Item #
1804



Ball Joint Separator | 20-22 mm

- forged
- clamping range in 2 positions adjustable: up to 30 and 55 mm
- for extracting the ball joints on tie rods and stabilizers
- surface finish: satin chrome plated
- fork opening: 20 - 22 mm

Item #	Description
1795	Ball Joint Separator 20-22 mm
1795-1	Replacement Spindle for Ball Joint Separator



Ball Joint Separator | 21 mm

- universally applicable
- adjustable in 2 steps
- can be used in passenger cars and vans
- heavy design
- for use with 17 mm hexagon socket
- weight: 1.56 kg
- fork opening: 21 mm
- max. clamping width: 80 mm
- min. clamping width: 50 mm

Item #
8410



Ball Joint Separator | 30 mm

- universally applicable
- heavy duty finish with milled jaws
- spindle with ball tip
- for removal of ball joints on cars, SUV and vans
- suitable for operation with impact wrenches
- for use with 22 mm hexagon socket
- length: 190 mm
- width: 150 mm
- height: 43 mm
- weight: 2.9 kg
- fork opening: 30 mm
- max. clamping width: 52 mm

Item #
8411



Ball Joint Separator | hydraulic | 8 t

- gives you a higher separating pressure, especially under narrow space conditions
- fork width 23 mm
- max. clamping width: 56 mm

Item #
8528



Injection Pump Wheel Puller | adjustable opening | 20 - 30 mm

- for removal of e.g. suspension ball joints, tie rod joints, etc.
- this tool is made from special chrome molybdenum / S45C steel for max. torque
- adjustable pressure range up to 70 mm
- surface finish: chrome plated
- fork opening: 20 - 30 mm



Item #
8541

Fork and Mount Type Separators

- manufactured from hardened carbon steel
- zinc coated
- for a quick and secure separation of tie rod ends, pitman arms etc.



Item #	Description
1809	Fork and Mount Type Separator 200 mm Jaw 18 mm
1805	Fork and Mount Type Separator 410 mm Jaw 18 mm
1808	Fork and Mount Type Separator 295 mm Jaw 23 mm



Fork and Mount Type Separator | adjustable | 18 - 42 mm

- knurled and black finish handle, satin chrome plated fork
- opening width: 18 - 42 mm
- for separating ball joints, tie rods etc.
- surface finish: satin chrome plated



Item #
65550



Supporting Joint Pin Wrench | for Mercedes-Benz M-Class

20 3/4

- for Mercedes Benz M-class W163 until June 2005 and W164 as of 2005
- for professional changing of the front and rear axle suspension ball joints
- facilitates loosening and tightening conternuts of the suspension joints with correct torque
- suitable for the lower suspension joints on front - and rear axle
- 3/4" drive



Item #
5420

Pin Wrench for Suspension Joints | for Citroen / Peugeot

12.5 ■ 1/2

- for loosening / tightening of suspension joints
- suitable for models: Citroen BX (9/1982 - 1994), C5, Xantia / Peugeot 305 (7/1982 - 1990), 405 (6/1987), 406, 605, 607 etc.



Item #
5422



Pin Joints Socket | for Mercedes-Benz M-Class

12.5 ■ 1/2

- suitable for suspension ball joints on front and rear axles on Mercedes-Benz M-Class W163 and W164
- especially short type



Item #
8575



Ball Joint Tool | for Audi

12.5 ■ 1/2

- for loosening tightly fitted ball joints
- turning of ball joint with this tool facilitates dismounting
- suitable for Audi A4, A5, A6, A7, Q5
- 27 mm hexagon with guide bore
- 12.5 mm (1/2") drive



Item #
9031



Ball Joint Puller for Impact Wrench | Ø 39 mm

- suitable for cars, light trucks and SUV
- solid execution for long product life time
- hardened pressure spindle and centering tip
- suitable for impact wrenches

BGS 67216

- opening on the support fork: 23 mm
- opening on the puller housing: 56 mm
- max. pressure range: 59 mm
- 19 mm drive

BGS 67213

- opening on the support fork: 30 mm
- opening on the puller housing: 59 mm
- max. pressure range: 59 mm
- 19 mm drive

BGS 67214

- opening on the support fork: 32 mm
- opening on the puller housing: 70 mm
- max. pressure range: 92 mm
- 26 mm drive

BGS 67215

- opening on the support fork: 39 mm
- opening on the puller housing: 80 mm
- max. pressure range: 94 mm
- 26 mm drive

BGS 67218

- opening on the support fork: 62 mm
- opening on the puller housing: 100 mm
- max. pressure range: 118 mm
- 20 mm (3/4") drive

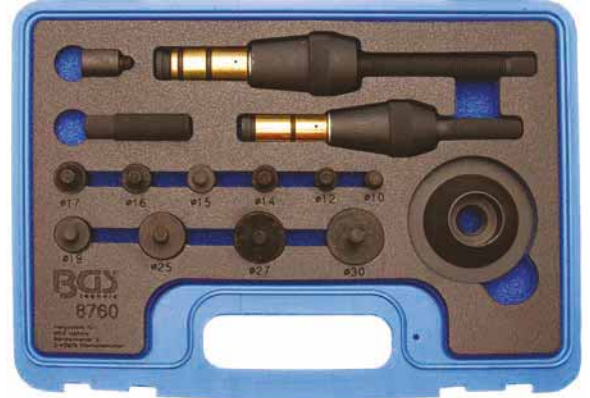


Gearbox / Axle / Steering

Item #	Description
67216	Ball Joint Puller for Impact Wrench Ø 23 mm
67213	Ball Joint Puller for Impact Wrench Ø 30 mm
67214	Ball Joint Puller for Impact Wrench Ø 32 mm
67215	Ball Joint Puller for Impact Wrench Ø 39 mm
67218	Ball Joint Puller for Impact Wrench Ø 62 mm

Clutch Aligning Tool Set

- universal application for vehicles with a hub diameter of Ø 15.0 - 26.0 mm
- for mounting single and double disc dry clutches
- for centering of clutch discs on cars with and without pilot bearings
- suitable for cars, SUV and small trucks with front, rear and 4-wheel drive
- spindle guide: 55 mm long, M15 x 1.5, mandrel range: 15 mm to 19 mm
- spindle guide: 100 mm long, M15 x 1.5, mandrel range: 19.5 mm to 26 mm
- spindle guide: 150 mm long, M15 x 1.5 thread for small and large cones
- small cone adaptor, spindle inner thread: M15 x 1.5, range: 19 - 30 mm, inner diameter: 20 mm, suitable for 55 mm spindle guide
- large cone adaptor, spindle inner thread: M15 x 1.5, range: 26 - 35 mm, inner diameter: 27 mm, suitable for 100 mm spindle guide
- dual disc adaptor height: 30 mm, cone side: 29 - 49 mm, plate side: 49 - 69 mm, for clutches without pilot bearing
- pilot adaptor Ø 10 - 12 - 14 - 15 - 16 - 17 - 19 - 25 - 27 mm, for clutches with pilot bearing



Item #
8760

Clutch Aligning Tool Set

- for clutch discs with 15 to 28 mm clutch hub diameter
- allows an accurate centering of the clutch disc on vehicles with or without pilot bearing
- alignment according to friction surface of the clutch pressure plate
- suitable for most vehicles
- centering sleeve Ø: 12, 14, 15, 16, 17, 18 & 19 mm



Item #
1708

Clutch Aligning Set | 2 pcs.

- universal use for vehicles with a hub diameter of Ø 15.0 mm - 26.6 mm
- for mounting single-disc dry clutches
- centering the clutch disc over the guide bearing is not necessary
- in 2 sizes: 15 - 19 mm and 20 - 26.6 mm



Item #
1709

Clutch Aligning Tool Set | 17 pcs.

- 8 conical centering bushes for clutch discs with hole sizes: 14.5 - 25.5 mm
- 8 adaptors for centering in the crankshaft: 10.8 - 12.2 - 13.5 - 14.7 - 15.8 - 17.1 - 18.3 - 19.9 mm
- centering shaft 145 mm

Item #
1712



Clutch Aligning Tool

- for centering the clutch disc in cars without clutch pilot bearing
- universal use with a hub diameter of 15.0 - 28.0 mm
- continuously adjustable in diameter from 15.0 - 21.0 / 17.0 - 25.0 / 22.0 - 28.0 mm

scope of delivery:

- 1 centering tool with clamping cone
- 2 clamping cones 15.0 - 21.0 / 17.0 - 25.0 mm

Item #
1710



SAC Clutch Tool Set | 38 pcs.

- for fast and professional disassembly and assembly of SAC clutches
- fits on nearly all SAC clutches with 3- and 4-hole pitch from the following models: VAG, MB, Opel, Volvo, Renault etc.
- as e.g. on models:
 - Audi A3, A4, A6, A8
 - VW Passat, Golf, Sharan, Tiguan
 - Ford Mondeo, S-Max, Galaxy, Transit
 - Mercedes-Benz C, E, CLS, S, CLK, SLK, SL
 - BMW 320, 330, 520, 530
 - Alfa Romeo 147, 159, 166
 - Fiat Ulysse, Croma, Ducato
 - Lancia Phedra, Thesis

- 7 coupling aligning mandrels, 12, 14, 15, 16, 17, 18, 19 mm
- 1 pressure spindle
- 1 reset tool
- 1 4-arm traverse
- 1 3-arm traverse
- 1 handle
- 4 securing bolts M6
- 4 securing bolts M7
- 4 securing bolts M8
- 4 nuts for securing bolts M8
- 1 centre punch bore
- 1 centering tool spindle with cone
- 1 basic centering tool clamping nut
- 1 basic centering tool shaft sleeve
- 2 clamping cones
- 4 coupling aligning mandrels 23, 26, 28, 34 mm

Item #
8286



Duplex Clutch Repair Kit | for VAG DSG Transmission

- required for repair of the clutch unit

suitable for following models:

- VW Golf (2004), Golf Plus (2005) with 7 speed gearbox (Code 0AM)
- Audi A3 (2004) with 7 speed gearbox (Code 0AM)
- support bridge to be used as OEM T10323
- puller to be used as OEM T10373
- gange block to be used as OEM T10374
- pressure piece to be used as OEM T10376



Item #

8320

Dual Clutch Tool | for Volvo, Ford, Chrysler, Dodge

- for removing and installing dual clutches
- suitable for Getrag 6-speed dual clutch transmission with code 6DCT450 / MPS6

suitable for following models:

- Volvo C30, C70 (2006), C40 (2004), S60 (2011), S80 (2007), S80L, V40 (2013), V40 Cross Country, V50, V60, V70 (2008), XC60
- Ford Focus (2004), C-Max, S-Max, Galaxy, Mondeo (2007), Kuga
- Chrysler Sebring
- Dodge Avenger, Journey

- to be used as OEM Volvo 9997435 / Ford 308-763



Item #

9023

Reset Tool | for BMW SAC Clutch

- required for the professional assembly and disassembly of SAC clutches

suitable for following models:

- E34, E36, E38, E39, E46, E52, E53, E60, E61, E81, E83, E85, E86, E87, E88, E90 and E91
- can be used in conjunction with BGS 8284
- easy handling, saves time and trouble
- stop screw and adjusting lever, knurled
- to be used as OEM 212180



Item #

8283

Pre-Tensioning Tool | for BMW SAC Clutch

- required for the tension-free assembly and disassembly of SAC clutches
- prevents plate distortion can happen without using a special tool
- suitable for series: E34, E36, E38, E39, E46, E52, E53, E60, E61, E81, E83, E85, E86, E87, E88, E90 and E91
- the resetting of the adjusting ring is possible in conjunction with BGS 8283
- easy handling, saves time and trouble
- knurled locking screw and adjusting lever
- ball bearing mounted pressure piece, to be used as OEM 212170

Item #
8284



Testing Tool for Dual-Mass Flywheel

- suitable for testing of freeplay angle and the clearance on dual mass flywheels (DMF), a checking of the flywheel is recommend because a worn or defective DMF can damage the new clutch
- test can be performed directly on the vehicles if the clutch has been removed
- 2 different claws for locking the flywheel
- rotary angle disc with holder
- dial indicator with holder
- assembly / measuring bolt
- twist lever

Item #
8681



Release Shaft / Bolt Puller

suitable for the following work:

- extracting the clutch release shaft on Fiat Ducato (1994) with pulling clutch
- extracting the chain guide rail bolt on BMW and Mercedes engines
- includes puller body with M8 x 1.25 internal spindle thread
- pull clamp for clutch release shaft
- M6 x 1.0 (M8 x 1.25) bolts for removing the guide rail bolt

Item #
8520



Piston Rod Removing Pliers | for Clutch Master Cylinder

- for quick and easy release of the clutch master piston rod from the clutch pedal
- very useful tool when removing the clutch master cylinder, clutch pedal, pedal support bracket, etc.

suitable for following models:

- Opel Astra-J, Signum, Vectra-C
- Audi A1 (8X), A3 (8P), A4 (B7), A6 (C6)
- VW Golf (1K1), Passat (3B6), Eos (1F)



Item #
8968



Dual Clutch Tool | for BMW DSG transmission

- for rotating the clutch case
- required when removing or installing the clutch case
- suitable for BMW DKG transmission (GS7D36SG), built in 2008-14 M3, 135i, 335is, M5 (F10), M6 (F12 / F13)
- to be used as OEM 230400



Item #
9276

Brake Band Piston (B1) Assembly Tool Set for Mercedes Automatic Transmission 722.x

- for installing of brake band piston B1
- suitable for automatic transmission: 720.1 / 722.0 / 722.1 / 722.3 / 722.4 / 722.5
- to be used as OEM 201589035900



Item #
9323

Setting Gauge (K1&K2) | for VAG DSG Gearboxes as of 06/2011

- for adjusting the clutch K1 & K2 on VAG DSG transmission as of 06.2011
- supplementary tool for VAG DSG transmission duplex clutch repair kit (BGS 8320)
- to be used as OEM T10466



Item #
9339

Steering Gear Tool Set

- allows easy mounting of rubber bearings and bushings
- suitable for most cars, SUV, Pick Ups, etc.
- 10t hydraulic cylinder
- 2 pressure pieces, length: 28 mm and 95 mm
- 4 pulling spindles, M10x1.5 - M12x1.75 - M14x2.0 - M16x2.0
- 22 assembly bushes, length 40 mm
- 22 assembly bushes, length 110 mm, bush dimensions (external Ø x internal Ø): 26x18, 28x20, 30x22, 32x24, 34x26, 36x28, 38x30, 40x32, 42x34, 44x36, 46x38, 48x40, 50x42, 52x44, 54x46, 56x48, 58x50, 60x52, 62x54, 64x56, 66x58 und 68x60 mm

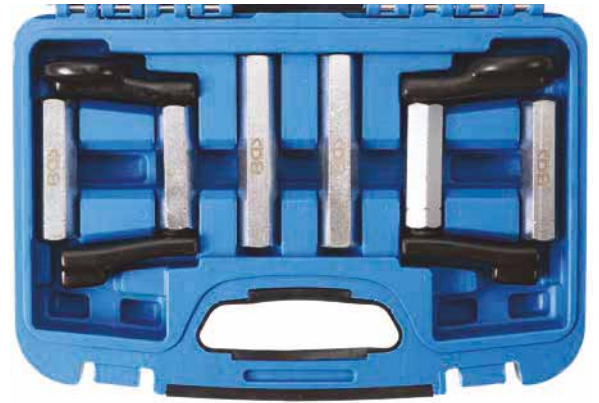
Item #
8683



Camber Adjusting Tool

- allows one-person adjusting
- reduces the required time
- clamping width: 135 - 175 mm
- 22 mm hexagon spindle
- 3 spindle lengths for a wide range of applications
 - 75 mm for e. g. Seat Toledo VW Jetta, Golf
 - 85 mm for e. g. Seat Cordoba VW Polo from 1995
 - 115 mm for e.g. Chrysler Voyager

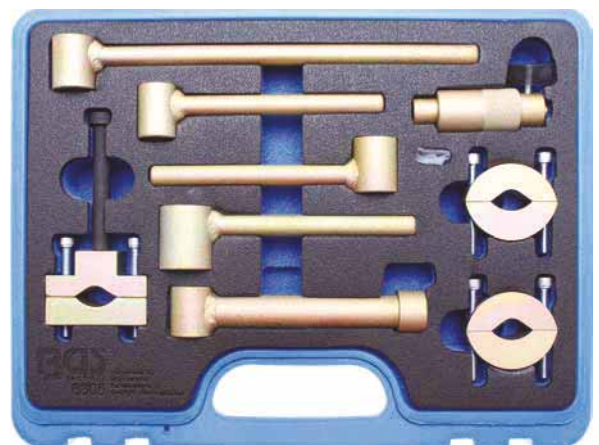
Item #
8700



Track Rod Setting Set

- changing of the tie rod ends is possible without additional alignment
- reduces the workload when changing tie rods
- main unit with clamping device
- 10 and 12 mm caliper, short and long type
- 17 mm calliper for VW
- fixing unit
- caliper for depth measuring

Item #
8305



Camber Setting Tool | for BMW

- allows the adjustment of ambers on the following BMW Models: E38, E39, E46, E53, E60, E61, E63, E64, E65, E66, E67, E81, E83, E85, E86, E87, E90, E91, E92, E93
- tool remains on the spring strut until all screws are tightened, therefore no recalibration required
- made of aluminium



Item #
66151

Tie Rod Wrench | 12.5 mm (1/2 ") Drive | 25 - 55 mm

12.5 ■ 1/2

- for renewing round and hexagon tie rods
- suitable for many European, Asian and American vans, SUVs and larger cars
- toothed clamping element prevents slipping
- also suitable for stuck tie rods



Item #
66535



Tie Rod Wrench | 12.5 mm (1/2") Drive | 27 - 42 mm

12.5 ■ 1/2

- for replacing tie rods
- suitable for inner tie rod end diameters from 27 to 42 mm
- for loosening and tightening
- made of high-strength chrome-molybdenum steel
- allows high torque transmission



Item #
8796



Tie Rod Wrench | 12.5 mm (1/2 ") Drive | 32 - 42 mm

12.5 ■ 1/2

- for loosening and tightening tie rods
- the tool is attached to the axial joint and fixes itself when loosening or tightening via eccentrically mounted toothed rollers
- small dimensions for tight spaces
- suitable for axial joint diameter 32-42 mm



Item #
66534

Tool Set for Axial Joints | 4 pcs.

12.5  1/2

- for fast and professional changing of the axial joints of cars and light commercial vehicles
- easy assembly of long tie rods because of open construction
- for joint heads Ø 30 - 45 mm
- 3 exchangeable clamping heads for a wide application area (30 - 35, 35 - 40, 40 - 45 mm)
- works with 12.5 mm (1/2") ratchet or 32 mm wrench



Item #	Description
66530	Tool Set for Axial Joints 4 pcs.
66530-2	Clamping Head 35 - 40 mm for BGS 66530



Axial Joint Tool | 28 - 50 mm

12.5  1/2

- for fast and professional changing of the axial joints of cars and light commercial vehicles
- automatic clamping of the joint heads
- easy assembly of long tie rods because of open construction
- saves up to 3 hours of working time
- works with 12.5 mm (1/2") ratchet or 27 mm wrench size



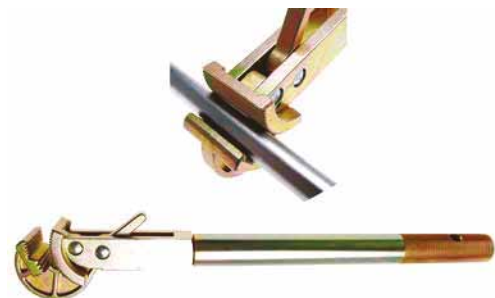
Item #	Description
66526	Axial Joint Tool 28 - 35 mm
66525	Axial Joint Tool 35 - 45 mm
66527	Axial Joint Tool 45 - 50 mm



Clamping Wrench | for Adjusting Track Rods | 14 - 20 mm

- for rusted track rods
- facilitates the track setting
- special mouth mechanism holds track rods from 14 up to 20 mm
- detachable, knurled handle
- length: 390 mm
- surface finish: galvanised, electroplated

Item #
8267



Clamping Wrench | for Adjusting Track Rods | 40 - 55 mm

- for rusted track rods
- facilitates the track setting
- special mouth mechanism holds track rods from 40 up to 55 mm
- knurled handle, inserted in fastening bolts
- galvanized, zinc coated
- length: 540 mm

Item #
8346



Magnetic Camber Adjustment Tool | with Double Adjustability

- helps to determine the suspension strut angle before disassembly and the adjustment of the same angle after reassembly
- double adjustability: 1st step rough adjustment via 180° clamping mechanism - 2nd step fine adjustment via adjustment screw

Item #
1519



Magnetic Camber Adjustment Tool

- helps to determine the suspension strut angle before disassembly and the adjustment of the same angle after reassembly
- simply attach to the brakedisc with integrated magnets
- adjustable water level included

Item #	Description
1523	Magnetic Camber Adjustment Tool
1523-1	Level for Camber Gauge from BGS 1523
1523-LEER	Empty Case for BGS 1523



Camber / Caster Adjusting Tool | for VW Touareg as of 2003

- for adjusting running gear (camber / caster)
- suitable for VW Touareg as of 2003
- 21 mm 12-point
- to be used as OEM T10188
- satin chrome finish

Item #
8983



Steering Wheel Sleeve Puller | for VW

- is needed to pull the steering shaft sleeve
- when replacing the turn signal / wiper switch unit
- suitable for VW Golf II / III / IV, Jetta, Passat, Polo and Vento since '88
- external hexagon 17.0 mm



Item #
7727

Steering Wheel external Puller | for GM (Opel)

- suitable for Opel models from 2007
- hook foot thickness at the top: 5.5 mm
- hook foot depth: 3.5 mm
- hook length: 12 mm
- hex drive size: SW 17
- clamping depth: 80 mm
- clamping width: 35 mm
- spindle length: 95 mm



Item #
7739



Fixing Bolt Set | for VAG Subframe | M12x1.5 | 4 pcs.

- for precisely aligned mounting of the subframe
- Needed e.g. for replacing the rubber bushings and all jobs for which the auxiliary frame (subframe) is removed

suitable for the following models:

- VW Scirocco (2009), EOS (2006)
- VW Golf (2009), Golf Plus (2005)
- VW Jetta (2004 - 2006)
- VW Polo (2002), Fox (2006)
- VW Passat (2006), Passat CL (2009)
- Audi A3 (2004), TT (2007), A4 (2001)
- to be used as OEM T10096



Item #	Description
8306	Fixing Bolt Set for VAG Subframe M12 x 1.5 4 pcs.
8306-LEER	Empty Case for BGS 8306



Fixing Bolt Set | for VAG Subframe | M14x1.5 | 4 pcs.

- for precisely aligned mounting of the subframe
- needed e.g. for replacing the rubber bushings and all jobs for which the auxiliary frame (subframe) is removed
- suitable for VW T5 from 2004
- to be used as OEM T10227



Item #
8715

Clamping Screw Remover | for VAG 4-Wishbone Axles | 6 mm

- suitable for driving out the clamping screws with Ø 6.2 mm as on four-wishbone front axles
- to be used with air hammer kit BGS 3515
- remover 6 mm, length 105 mm
- round shank 10 mm
- length: 190 mm



Item #
8787

Clamping Screw Remover | for VAG 4-Wishbone Axles

- suitable for driving out the clamping screws on four-wishbone front axles on, installed in the Audi A4, A6 and VW Passat
- to be used with air hammer kit BGS 3515
- round shank 10 mm
- 1 release mandrel chisel
- 1 extractor, short
- 1 guide sleeve



Item #
8792

Push Rod Ball point Socket | 12.5 mm (1/2") Drive | Ø 49 mm

12.5 1/2

- for moving and removing of tie rod ends
- suitable for most cars and some trucks
- dimensions of U-shaped opening: 18.5 x 34 mm
- length: 57.5 mm
- internal diameter: 49 mm
- fitting depth: 40 mm



Item #
9156



Steering Wheel Level

- for quick and accurate alignment of the steering wheel
- optimal use in the assembly of steering wheels
- can be used universally for cars, vans and trucks
- increased adjustment range for smaller steering wheel diameter
- material: aluminum

Item #
9977



Wheel Wrench | for Cars | 17mm x 19 mm x 22 mm x 13/16"

- with polished sockets
- hardened and forged
- 16 mm Ø
- hardened
- DIN 899
- arm length: 355 mm
- square 13/16"
- hexagon 17 x 19 x 22 mm
- surface finish: chrome plated

Item #
1455



Wheel Wrench | for Cars | Square | 17 x 19 x 21 x 12.5 mm (1/2")

- chrome plated, hardened
- hardened
- with reinforced middle plate
- according to DIN 3119
- arm length: 355 mm
- square 12.5 mm (1/2")
- hexagon 17 x 19 x 21 mm

Item #
1459



Wheel Wrench, foldable | for Cars | Square | 17 x 19 x 21 x 12.5 mm (1/2")

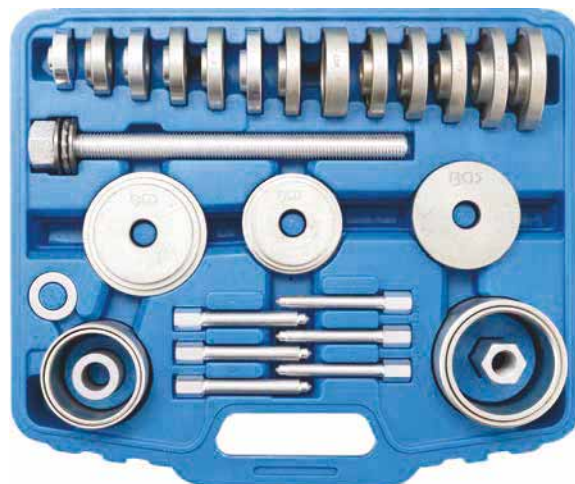
- higher torque through adjustable joint
- robust design
- foldable
- length 400 mm
- square: 12,5 mm (1/2")
- hexagon: 17 x 19 x 21 mm

Item #
1456



Wheel Bearing Tool Set | 31 pcs.

- universal use on wheel bearings
- allows disassembly and assembly of the wheel hub and the wheel bearings directly on the vehicle
- gentle installation by exerting pressure on the outer bearing ring
- suitable for axle tubes and axles with bearing adjacent to a bund
- pressure plates with diameters of: 50 - 55 - 59 - 63.3 - 66.6 - 70.3 - 71.5 - 73.1 - 73.4 - 74.8 - 77.5 - 81.5 - 83.4 mm
- sleeves with following diameters: 76 - 86 - 91 - 102 mm
- 3 extractor bolts M12 x 1.5
- 1 extractor bolt M14 x 1.5
- spindle 22.2 mm x 300 mm, including thrust bearing (protects against increased friction)
- external hexagon drive 38
- pressure nut 32 x 60 mm
- pressure sleeve Ø 38 x 40 mm
- pressure disk Ø 40 x 3 mm



Item #	Description
67301	Wheel Bearing Tool Set 31 pcs.
67301-1	Bearing for BGS 67301
67301-2	Spindle Nut for BGS 67301
67301-3	Spindle for BGS 67301

Pull and Press Sleeve Kit | with 4 Spindles | 26 pcs.

- comprehensive kit for fast and effective removal and installation of wheel bearings & suspension bushes
- reduces the possibility of damaging the bearing and housings
- plates and sleeves can also be used in a common workshop press
- supplied with 4 stepped end plates
- pressure plates: Ø 83 x 20 mm
- 4 screws: M10 x 1.5 - M12 x 1.5 - M14 x 1.5 M16 x 1.5 mm, 450 mm long
- pressure sleeves with outer-Ø 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82 mm
- sleeve wall thickness: 5 mm
- sleeve height: 94 mm



Item #	Description
67302	Pull and Press Sleeve Kit with 4 Spindles 26 pcs.
67302-M10	Spindle for BGS 67302 M10
67302-M12	Spindle for BGS 67302 M12
67302-M14	Spindle for BGS 67302 M14
67302-M16	Spindle for BGS 67302 M16
67302-1	Empty Case for BGS 67302

Pull and Press Sleeve Kit | with 4 Spindles | 24 pcs.

- 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 and M16
- 20 pressure pads (outer Ø x inner Ø): 44x34 - 46x36 - 48x38 - 50x40 - 52x42 - 54x44 - 56x46 - 58x48 - 60x50 - 62x52 - 64x54 - 66x56 - 68x58 - 70x60 - 72x62 - 74x64 - 76x66 - 78x68 - 80x70 - 82x72

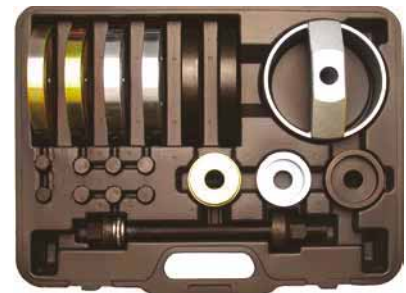
Item #	Description
1514	Pull and Press Sleeve Kit with 4 Spindles 24 pcs.
1514-LEER	Empty Case for BGS 1514
1514-M10	Spindle for Press and Pull Sleeve Kit M10 x 1.5
1514-M12	Spindle for Press and Pull Sleeve Kit M12 x 1.5
1514-M14	Spindle for Press and Pull Sleeve Kit M14 x 1.5
1514-M16	Spindle for Press and Pull Sleeve Kit M16 x 1.5



Wheel Bearing Hub Unit Installing Tools Set | for VAG | Bearing unit Ø 62, 66, 72 mm

- suitable for the following VAG models: Audi A2, VW Lupo / Polo / Fox, Seat Ibiza, Skoda Fabia
- fits on 62, 66 and 72 mm bearing unit
- allows mounting directly on the vehicle
- reduces operating time to the minimum
- simple and safe handling
- can also be optionally used with a workshop press

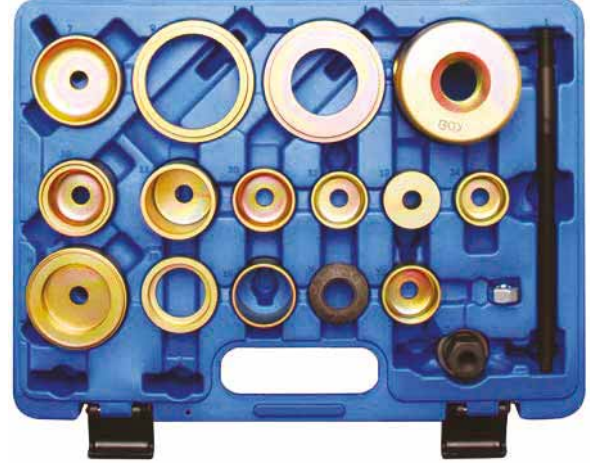
- 1 universal pressure bell
- 3 pressure pieces
- 1 spindle unit with ball bearing M20
- 2 half shells (black) for 72 mm bearing
- 2 half shells coupling (chrome plated), for 66 mm bearing
- 2 half shells coupling (anodized), for 62 mm bearing
- fastening screws for half shells M12 x 1.5
- fastening screws for half shells M14 x 1.6



Item #	Description
6250	Wheel Bearing Hub Unit Installing Tools Set for VAG Bearing unit Ø 62, 66, 72 mm
6250-1	Replacement Spindle with ball bearing for BGS 6250

Silent Block Tool Set | for VAG | 18 pcs.

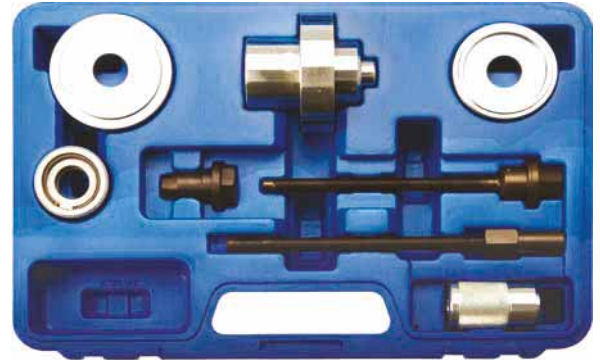
- for replacement of bushes on wishbone / trailing arms, wheel bearing housing, lower wishbone downside / inside
- allows replacement of silent bearings on the vehicle, when installed
- applicable in conjunction with mechanical spindle
- **suitable for the following VAG models:**
 - VW: Golf 5 Plus / Variant / 4-Motion manufactured in 2005-2012, Jetta / Syncro Bj. 2006-2012, Scirocco manufactured in 2009-2012, Beetle manufactured starting from 2012, Eos manufactured in 2006-2012
 - Seat: Altea as of 2004-2012, Leon as of 2006-2012, Toledo as of 2005-2009
 - Audi: A3 / S3 as of 2004-2012, TT / TTS Coupe/Roadster as of 2007-2012
- spherical washers
- adaptor ring
- assembly and disassembly pressure pieces
- assembly centering discs
- centering sleeves and spacer rings
- drive spindle M12 x 1.5 incl. pressure nut



Item #
8778

Silent Block Tool Set | for VW Polo 9N

- for easy and safe removal and replacement of silent blocks on the vehicle
- no removal of the rear axle required, minimizing the workload
- contains spindle, spindle extension, shoulder nut spindle adaptor M10x1.25 made of S45C carbon steel
- spacer, pressure piece, centering ring made from aluminium alloy

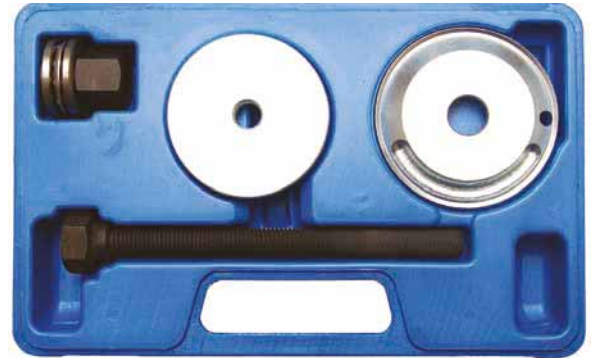


Item #	Description
8253	Silent Block Tool Set for VW Polo 9N
8253-1	Spindle for BGS 8253
8253-2	Spindle Extension for BGS 8253 long version
8253-3	Spindle Nut for BGS 8253

Silent Block Tool Set | for Skoda Fabia, VW Polo

- for proper and quick installation of rubber bushings (silent blocks) on front axle brackets
- suitable for Audi A2, VW Polo IV 9N (2002 - 2005), Skoda Fabia I, Seat Ibiza 6L (2002 - 2006) and Cordoba 2002
- to be used as OEM 3062, 3253/8
- material: steel (S45C)

Item #
8254



Wheel Bearing Tool Set | for Peugeot, Renault, Citroen

- for replacing wheel bearings on Peugeot, Citroen, Renault models
- includes all tools for disassembly and assembly of wheel bearings

Item #
8739



Wheel Bearing Tool Set | for Audi

- for replacing wheel bearings on VAG models
- suitable for the following models: Audi A3 (8L), A4 (B5), A4 Quattro (B6) rear axle, Audi A6 (4A, 4B), A8 (4D, 4E), TT (8N, 8J), VW Polo (6N), Golf (II, III, IV), Passat, Sharan, T4
- includes all tools for disassembly and assembly of wheel bearings

Item #
8738



Wheel Bearing Tool Set | for Mercedes-Benz

- for replacing wheel bearings on Mercedes-Benz cars
- suitable for the following models: Mercedes-Benz 190 (W201), A-class (W168, W169), B-class (W245), C-class (W202, W203), E-class (W210, W124), M-class (W163, W164), S-class (W140), V-class (W639)
- includes all tools for disassembly and assembly of wheel bearings



Item #
8737

Hydraulic Kit for Wheel Bearing Tools | for BGS 8737, 8738, 8739

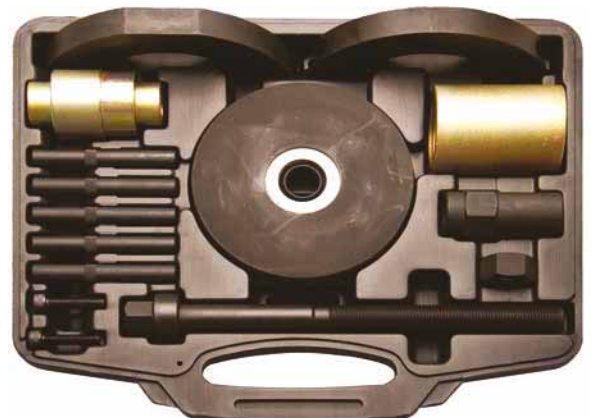
- in conjunction with the optionally offered wheel bearing tool sets for easy and professional replacing of very tight wheel bearings
- **suitable for:**
 - wheel bearing tool set for Mercedes Benz BGS 8737
 - wheel bearing tool set for VAG models BGS 8738
 - wheel bearing tool set for Peugeot, Citroen, Renault BGS 8739
 - driveshaft assembly tool set for VAG, Mercedes-Benz, BMW, Porsche, Peugeot, Renault, Opel/Vauxhall, etc.
- 2 hydraulic cylinder adaptors
- thrust block
- adaptors
- pressure spindle
- pull spindle
- adaptor plate
- 17T hydraulic cylinder (max. pressure 689 bar/10,000 PSI)



Item #
8788

Wheel Hub Tool Set | for Audi | 90 mm

- facilitates assembly and disassembly of front wheel hubs
- to be used with workshop hydraulic press
- suitable for following Audi models:
 - A4 / S4 Quattro
 - Avant manufactured from 2001 - 2008
 - A6 / S6 Quattro Avant manufactured from 2002 - 2005
 - A8 / S8 Quattro Avant manufactured from 2004 - 2007, R8 manufactured starting from 2007
- 1 pressure plate
- 5 push pins
- 1 pair of disassembly shells
- 1 disassembly pressure piece
- 1 assembly sleeve



Item #
8709

Wheel Bearing Tool Set | for VAG | wheel Bearing Hub unit Ø 62 / 66 / 72 / 85 mm

- for removing and installing of 62 - 66 - 72 & 85 mm wheel bearing hub units on VAG vehicles
- suitable for following models:
 - Audi A2
 - Volkswagen Lupo, Polo, Fox, Multivan, T6, Transporter, Touareg
 - Skoda Roomster
 - Seat Arosa, Cordoba, Ibiza
- 1 spindle, high-strength, with ball-bearing
- 1 spindle nut
- 3 pairs of mounting shells
- 3 pairs of dismounting shells
- 2 pressure plates
- 6 pressure discs
- 10 pressure bolts
- 4 screws for shells
- 1 hexagon key wrench

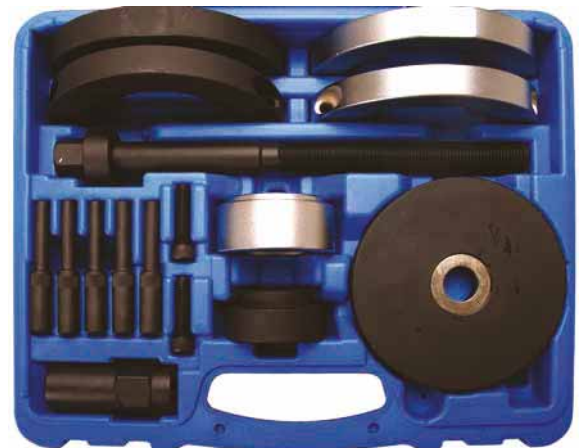


Item #
9086

Wheel Bearing Tool Set | for VW

- facilitates assembly and disassembly of wheel hub bearing unit
- high-strength ball bearing fitted spindle
- pressure plate with 8 holes
- 5 pressure bolts
- 1 pair of divided dismantling shells
- 1 dismantling plate
- 1 pair of divided mounting shells
- 1 mounting plate

Item #	Description
8321	Wheel Bearing Tool for wheel Bearing Hub Unit for VW 62 mm
8322	Wheel Bearing Tool for wheel Bearing Hub Unit for VW 66 mm
8270	Wheel Bearing Tool for wheel Bearing Hub Unit for VW 72 mm
8324	Wheel Bearing Tool for wheel Bearing Hub Unit for VW 85 mm
8323	Replacement Spindle for BGS 8270, 8321, 8322, 8324



Wheel Hub Puller Tool Set | for Ford, Volvo, Mazda | Ø 78 mm

- facilitates assembly and disassembly of front wheel hub-bearing unit
- suitable for the following models:
 - Ford Focus 2 as of 2004, C-Max as of 2003
 - Volvo C30 as of 2006, C70 Cabriolet as of 2006, S40 as of 2004, V50 as of 2004
 - Mazda 3 (BK) 1.4 / 1.6 / 1.6 Turbo as of 2003
- 1 pressure plate
- 4 pressure bolts
- 2 stop screws
- 1 pair of dismantling shells
- 1 disassembly pressure plate
- 1 pair of mounting shells
- 1 assembly pressure piece
- 1 high-strength ball bearing fitted spindle



Item #
8708

Wheel Bearing Tool Set | for Ford, Land Rover, Volvo | Ø 82 mm

- facilitates assembly and disassembly of wheel hub-bearing unit
- suitable for the following Opel models:
 - Ford Galaxy, S-Max
 - Land Rover Freelander 2
 - Volvo S80, V70, XC60, XC70
- high-strength ball bearing fitted spindle
- pressure plate with 8 holes
- 4 pressure bolts, 8 mm
- 4 pressure bolts, 12 mm
- 1 pair of divided dismantling shells
- 1 dismantling plate
- 1 pair of divided mounting shells
- 1 mounting plate



Item #
9101

Rear Wheel Bearings Tool Set | for VAG | 11 pcs.

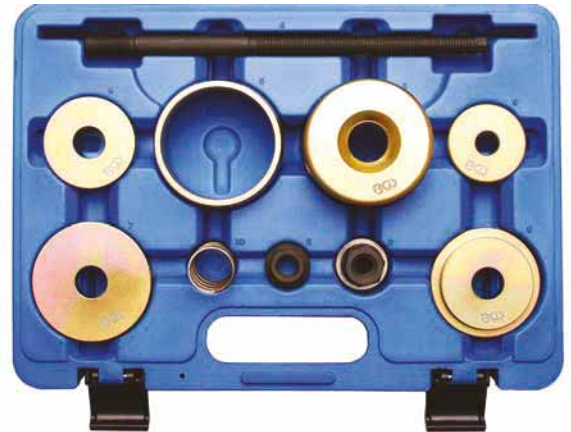
- for renewing the plastic and rubber bushes on rear axle when installed
- suitable for the following VAG models:
 - Audi A3 (Bj. 1996 - 2003)
 - Seat Leon (Bj. 1999 - 2006)
 - Seat Toledo (Bj. 1999 - 2006)
 - Škoda Octavia (Bj. 1996 - 2013)
 - VW Golf 4 (Bj. 1997 - 2006)
 - VW Bora (Bj. 1998 - 2005)
 - VW New Beetle (Bj. 1998 - 2010)
- pressure pieces: Ø 68.7 - 76.6 - 83.8 - 90 - 90.3 - 96.3 - 97.9 mm
- ring Ø 40 mm
- drive spindle M12 x 1.5 with spindle nut



Item #
8779

Rear Axle Bush Tool Set | for VW T5

- for renewing the rear axle bearing
- can be used directly on car, in installed condition
- centering plate with disk and spring
- 2 pressure disks
- adaptor ring
- spindle with spindle nut M14 x 2



Item #
8780

Rear Axle Bush Tool Set | for VW Golf and Audi A3

- for mounting the rear axle bushes without removing the rear axles
- suitable for Audi A3 (1999 - 2003), Volkswagen Golf IV, Bora (2001 - 2003) 1.4 / 1.6 / 1.8 / 2.0 and 1.9D
- the bushes can be mounted easily using a ratchet wrench or spanner



Item #
8437

Pressure Piece Set | for VW T5 as of 2003 | 4 pcs.

- application: rear-axle suspension arm
- suitable for: VW T5 and T6
- 2 spindle nut M14
- spindle M14 x 2, length: 250 mm
- 22 mm hexagon drive socket
- sleeve Ø 90 x 70 mm
- pressure piece Ø 87 x 64 mm
- step pressure piece Ø 40, 59, 70 mm



Item #
9446



Silentblocks Tool Kit | for Fiat

- used for mounting silentblocks on Fiat rear axles
- suitable for following models:
 - Fiat Stilo (2001 - 2007)
 - Fiat Bravo (as of 2007)
 - Lancia Delta (as of 2008)
- pressure piece with recess and 3 pins
- pressure piece Ø 79 x 68 mm
- spindle M12 x 1.75 with bearing nut, length: 255 mm
- 19 mm hexagon drive socket



Item #

8464

Silent Bearing Tool Set | for BMW E38, E39 | 7 pcs.

- for differential suspension bushes at rear axle
- material: steel (S45C)
- spindle M14 x 2 (long), M12 x 1.75 (short), length: 300 mm
- 10 mm drive
- nut 22 mm drive
- bell, inner Ø: 60, 70 mm, outer Ø: 80 mm, length: 70 mm
- spindle pressure washer, outer Ø: 67 mm, thickness: 25 mm
- thrust washer, inner Ø: 27 mm, outer Ø: 70 mm, thickness: 16 mm
- spindle pressure washer, outer Ø: 48 mm, thickness: 16 mm
- axial deep groove ball bearing, outer Ø: 42 mm
- profile disc, inner Ø: 50 mm, outer Ø: 80 mm

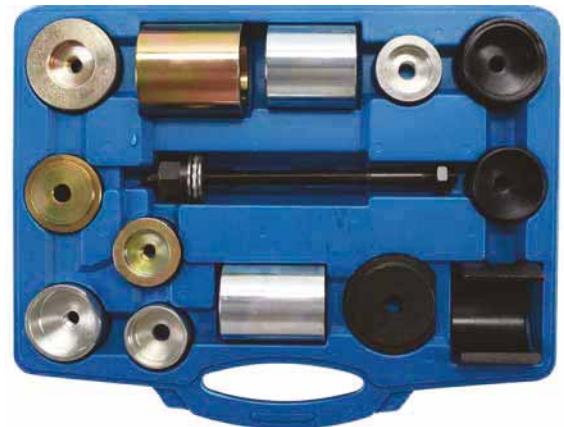


Item #

6456

Silent Block Tool Set | for BMW

- disassembly / assembly of the ball joints in rear wheel carrier, suitable for the following BMW models:
 - 5-series E39 / E60 / E61 / E70
 - 6-series E63 / E64
 - 7-series E38 / E65 / E66 / E67
 - 8-series E52
- disassembly / assembly of the ball joints and rubber bearings in the trailing arm, suitable for the following BMW models:
 - 3-series E36 / E46 / E83
 - 5-series E39 / E60 / E61 / E70
 - 6-series E63 / E64
 - 7-series E38 / E65 / E66 / E67
 - 8-series E31 / E52
 - Z4-models E85 / E86
- disassembly / assembly of the rubber bush in rear axle carrier (bottom), rear transmission screw, suitable for the following BMW models:
 - 3-series E36 / E46 / E83
 - 8-series E31
 - Z4-models E85 / E86
- disassembly / assembly of the rubber bearings in the rear transmission suspension front and rear, suitable for the following BMW models:
 - 1-series E81 / E87
 - 3-series E36 / E46 / E83 / E90 / E91 / E92 / E93
 - 5-series E60 / E61
 - 6-series E63 / E64
 - 7-series E38 / E65 / E66 / E67
 - 8-series E31
 - Z4-models E85 / E86
 - MINI Cooper S R53
- spindle M12 x 1.5 with bearing nut, length: 225 mm
- 24 mm hexagon drive socket
- disc, 48, 55, 65 mm
- bell, inner Ø: 47 mm, outer Ø: 55 mm, length: 72 mm
- bell, inner Ø: 50 mm, outer Ø: 64 mm, length: 70 mm
- bell, stepped, inner Ø: 36, 40 mm, outer Ø: 45 mm, length: 30 mm
- bell, stepped, inner Ø: 47, 53 mm, outer Ø: 58 mm, length: 43 mm
- bell, stepped, inner Ø: 47, 53 mm, outer Ø: 58 mm, length: 61 mm
- bell, inner Ø: 32 mm, outer Ø: 46 mm, length: 26 mm
- bell, inner Ø: 46 mm, outer Ø: 55 mm, length: 32 mm
- bell, inner Ø: 47 mm, outer Ø: 51 mm, length: 35 mm
- bell, flattened, inner Ø: 47 mm, outer Ø: 55 mm, length: 32 mm
- disc, stepped, flattened, inner Ø: 57 mm, outer Ø: 70 mm, thickness: 13 mm
- sleeve, 1/3 open, inner Ø: 59 mm, outer Ø: 70 mm, length: 55 mm



Item #
8579

Rear Axle Bushings Tool | for BMW 5 & 7 series

- for renewing the rear ball joint bushes
- assembly and disassembly
- suitable for BMW 5-series (E39), 7-series (E38)
- high-strength spindle
- hexagon nut with collar
- external hexagon drive: 26 mm
- dismantling pressure sleeve
- dismantling holding sleeve, with bearing
- assembly holding sleeve
- mounting pressure sleeve

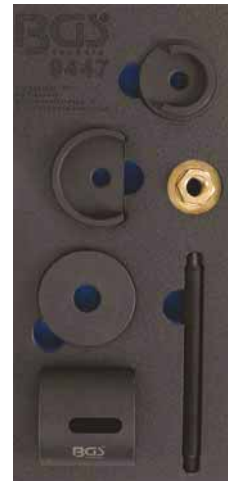


Item #
8486

Wishbone Hydro Bearings Tool Set | for MINI

- for replacing the bush on the front axle wishbone
- no need to remove the wishbone
- suitable for MINI One, Cooper, Cooper S(R50, R52, R53, R55, R56)
- to be used as BMW OEM 315150
- spindle M18 x 1.5 - M16 x 1.5, length: 190 mm
- spindle nut M18, mounted type
- 27 mm hexagon drive socket
- bell, inner Ø: 67 mm, outer Ø: 79 mm, length: 75 mm
- thrust washer, internal thread M16 x 1.5, outside diameter: 66 mm
- thrust washer, inside Ø: 68 mm, outside Ø: 80 mm
- thrust washer, flattened, inner thread M16 x 1.5, outer Ø: 80 mm

Item #
9447



Wishbone Bushing Tool | for MINI

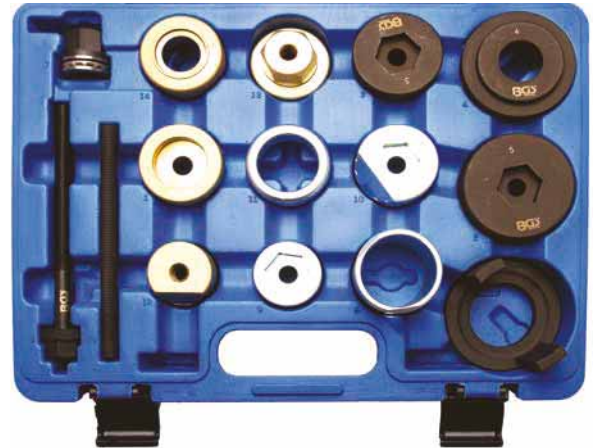
- for easy removal / installation of the front control arm bush without removing the control arm
- suitable for MINI One, Cooper, Cooper S (2001), R50 / R53 Chassis W10 / W11 / W17
- to be used for BMW OE 31126757551
- spindle M16 x 2, M12 x 1.75
- spindle nut M16
- 24 mm hexagon drive socket
- ball bearing 51103
- sleeve, inner Ø: 67 mm, outer Ø: 79 mm, length: 75 mm
- disc, inner Ø: 17 mm, outer Ø: 78 mm
- thrust washer, flattened, internal thread M12 x 1.75, outside diameter: 77 mm
- thrust washer, flattened, inner Ø 68 mm, outer Ø: 77 mm
- thrust washer, internal thread M12 x 1.75, outer Ø: 65 mm

Item #
8842



Rear Axle Bush Tool Set | for BMW E36, E46, E85

- for easy and gentle replacing of rear axle bushes on BMW models E36, E46, E85
- consists of disassembly and assembly pressure pieces, ball bearings, high-strength spindle



Item #
8776

Rear Axle Bush Tool | for BMW X 5

- for removal and installing of the rear axle carrier rubber bushings
- allows renewing of the bushes without removing of the carrier
- suitable for BMW X5 E53



Item #
8845

Trailing Arm Bushing Tool Set | for BMW

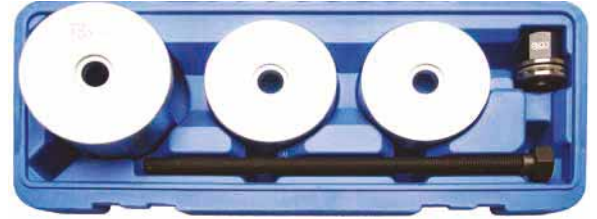
- prevents damage to new bushings
- disassembly of the trailing arm is not required
- facilitates mounting and reduces installation time
- contains: disassembly and assembly pressure piece, counter holding sleeve, counter holding sleeve plate, mounting ring and tool for tensioning the bushing
- suitable for BMW (manufactured after 2007) E85, E89, E92



Item #
8716

Rear Axle Bush Tool Set | for Renault Laguna II

- for removal, installation and alignment of rear axle bushes on Renault Laguna II
- high-strength ball bearing fitted spindle



Item #
8770

Rear Axle Bush Tool | for Ford Mondeo

- for removing and installing the sub frame bushes on rear axle (for bodywork)
- suitable for Ford Mondeo MK3 01-07 estate and limousine



Item #
8843

Trailing Arm Silent Block Tool Set | for Ford / Mazda / Volvo

- for replacing the rear trailing arm silent bush (Ø 60 mm) directly on vehicle, dismantling of the trailing arm is not required
- no need to replace the complete trailing arm
- suitable for the following models:
 - Ford Focus 1998 - 2004
 - Ford Focus II starting from 2004
 - Ford C-Max 2003 - 2007
 - Ford Kuga starting from 2008
 - Mazda 3 starting from 2003
 - Mazda 5 starting from 2005
 - Volvo C30 starting from 2006
 - Volvo S40 II starting from 2004
 - Volvo V50 starting from 2004



Item #
9444



Front Wheel Bearings Puller | for Ford Transit

- for removal of the front wheel bearing unit and for removing the wheel hub
- allows renewing of the bearing without replacing the wheel hub
- puller with retaining key
- screw set (5 pcs.)
- pressure plate (large)
- pressure plate (small)
- spindle with hexagon drive

Item #	Description
8707	Front Wheel Bearing Puller Set for Ford Transit
8707-1	Puller Feet for Front Wheel Bearing Puller for BGS 8707 for Ford
8707-2	Spindle for front wheel bearing Puller for BGS 8707 for Ford



Bearing Ring Removal Tool | for Ford Transit (as of 2006)

- for removing the inner bearing ring on wheel hub
- suitable for Ford Transit with front wheel drive
- half shells, to grip the bearing ring
- 3 connecting bolts, to connect the half-shells with tool (BGS 8707)
- screw / nut / washer set for connecting the half shells

Item #	
9220	 1/3



Rear Trailing Arm Bush Tool | for Ford Fiesta / Ka

- for removing / installation of the rear trailing arm bush
- suitable for Ford Fiesta / Ka (from 1996)
- can be used directly on vehicle, without removing the trailing arm
- spindle
- spindle nut
- pushing cup
- reception cup
- insertion cup
- spindle nut with bearing

Item #
8846



Front Wishbone Bush Tool | for VAG

- for the removal / installation of the rear bush on the front lower wishbone
- can be used without removing the wishbone
- suitable for the following models: Seat Cordoba III (2003), Skoda Fabia (2000), VW Polo IV (2002)
- spindle nut with 24 mm hexagon drive



Item #
8589

Silent Block Tool | for VAG Rear Axle

- for changing the knuckle silent blocks on rear axle
- requires less manual power due to ball bearing
- suitable for the following vehicles:
 - Audi A3
 - VW Eos, Caddy III, Golf V, Jetta III, Passat, Tiguan, Touran, Sharan
 - Seat Altea, Leon, Toledo, Alhambra
 - Skoda Oktavia, Superb, Yeti



Item #
8952

Wishbone Bushing Tool | for Mercedes-Benz W410

- for renewing the rear control arm bushing
- suitable for all Mercedes-Benz W170 (SLK) and W202 (C-Class) models



Item #
8734

Wishbone Bushing Tool Set | for Mercedes-Benz W210

- for renewing the rear control arm bushing
- suitable for all Mercedes-Benz models of the E-class W210



Item #
8733

Wishbone Bushing Tool | for Mercedes-Benz W170 / W202

- for renewing the rear control arm bushing
- suitable for all Mercedes-Benz W170 (SKL) and W202 (C-class) models



Item #
8735

Wheel Bearing Tool Set | for Mercedes-Benz | 4 pcs.

- for removing / installing the rear wheel bearing and rear axle flange on Mercedes-Benz types W124, 129 201, 202



Item #
64100

Rear Axle Adjusting Tool Set | for Mercedes-Benz | 3 pcs.

- for adjusting the rear axle tracking
- suitable for the hard-to-reach adjustment screws
- quick and precise work that does not take much time and effort
- without this tool the precise adjustment of the tracking is almost impossible
- suitable for Mercedes-Benz C-Class (W203) & S-Class, also for older models with under body panels and vehicles with level sensors
- twice angled
- 2 interchangeable spline bits M10 & M12



Item #
9372



Rear Trailing Arm Bush Tool | for BMW E36 / E46

- suitable for BMW 3-series (E36, E46, E46 Compact)
- for removing original bushes and removing & installing new style slotted bushes
- hardened

Item #
8480



Rear Wishbone Bush Tool Set | for Ford, Mazda, Volvo

- for disassembly and assembly of the rear trailing arm bushes
- removal and installation can be done directly on the car
- for the following models:
 - Ford Focus MK1 / MKII (as of 1998 - 2007), Kuga (before 2008), C-Max (as of 2007)
 - Mazda 3 saloon / hatchback (BK) (2003 - 2008), Mazda 5 (CR, CW), Mazda MPV (2005)
 - Volvo V50 estate / hatchback (2004 - 2012), Volvo S40 MK2 saloon (2003 - 2012)

Item #
8849



Trailing Arm Bush Tool Set | for Opel Vectra

- for removing and installing the rear upper and lower bushes on trailing arm suspensions
- suitable for following models: Opel (Vauxhall) Vectra 1.6, 1.8, 2.0 (1995-) and 2.5 (1996-)
- can be used directly on car, without removing the trailing arm
- nut with thrust bearing



Item #
8875

Silent Block Tool Set | for Opel / Vauxhall | 5 pcs.

- enables dismantling and assembly of the rear axle silent block directly on the vehicle without removal of the rear axle
- suitable for the following Opel / Vauxhall models:
Astra H (2004-2014), Meriva B (2010-), Zafira B (2005-2014)
- can be used on silent blocks with the following OE part numbers:

- Opel: 5402637, 0402952, 402952
- Vauxhall: 13110418, 13267215
- GM: 13110418, 13267215
- AUTOMEGA: 3054020637, 3004020952, 300402952
- JP Group: 1250101100
- Monroe: L24843
- Swag: 40930604
- Triscan: 850024843



Item #
9423

Rear Axle Guide Bushing Tool | BMW 5 & 7 SERIES

- allows replacement of rear axle guide bushings (ball bushes)
- suitable for models E39 und E38
- assembly pressure plate
- disassembly pressure plate
- spindle and counterholding sleeve



Item #
8481

Trailing Arm Bushing Tool Set | for BMW rear axle | 10 pcs.

- for replacing the trailing arm bushings and trailing arm in wheel carrier bushing
- suitable for BMW models 1 and 3 (2004 - 2012) series: E81 / E82 / E83 / E85 / E86 / E87 / E88 / F20 / E90 / E91 / E92 / E93
- split bush compressor to be used as OEM 334450
- camber arm mounting extraction / insertion tool to be used as OEM 334460
- trailing arm mounting extraction / insertion tool to be used as OEM 334480



Item #
8829

Silent Block Tool Set | for Ford Mondeo rear axles | 6 pcs.

- for replacing the individual bushes in the rear axle trailing arms
- removal of trailing arm, brake or axle parts is not required
- suitable for Ford Mondeo built from 2000 - 2007
- spindle with M12 x 1.75 thread

Item #
64111



Bearing and Bush Driver Set | 52 pcs.

- suitable for mounting of bearings, sealing rings and rubbers
- particularly useful when used with a hydraulic press
- mounting pads in following sizes: 18 to 65 mm (1 mm steps) and 74 mm 12 mm Ø bore
- 180 mm metal handle for use with hammer
- material: carbon steel

Item #
8467



Bearing and Bush Driver Set | XXL | 21 pcs.

- suitable for mounting bearings and sealing rings
- particularly useful when used with a hydraulic press
- 17 mounting pads Ø 70 to 150 mm (5 mm steps)
- 273 mm metal handle for use with a hammer
- material: carbon steel

Item #
8736



Bearing and Bush Driver Set | Nylon | 36 pcs.

- for non-damage mounting of bearings and sealing rings
- suitable for most bearings
- 33 nylon and 3 metal mounting sleeves
- pressure piece sizes: 10-26 mm / 10-30 mm / 10-35 mm / 12-28 mm / 12-32 mm / 12-37 mm / 15-32 mm / 15-35 mm / 15-42 mm / 17-35 mm / 17-40 mm / 17-47 mm / 20-42 mm / 20-47 mm / 20-52 mm / 25-47 mm / 25-52 mm / 25-62 mm / 30-55 mm / 30-62 mm / 30-72 mm / 35-62 mm / 35-72 mm / 35-82 mm / 40-68 mm / 40-60 mm / 40-90 mm / 45-75 mm / 45-85 mm / 50-80 mm / 50-90 mm
- pressure disk sizes 45-100 mm / 50-110 mm

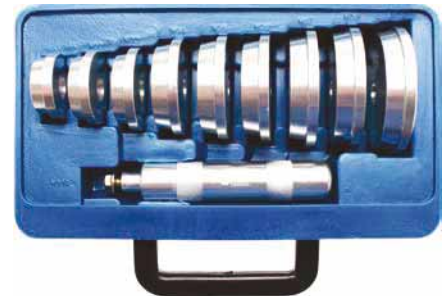
Item #
8670



Bearing and Bush Driver Set | 10 pcs.

- for flush fitting and centering bearing rings and tapered roller bearings
- incl. one pin and pressure pieces with the following external diameters: 40 - 44 - 50 - 59 - 63 - 65 - 72 - 76 - 81 mm
- reception 14 mm

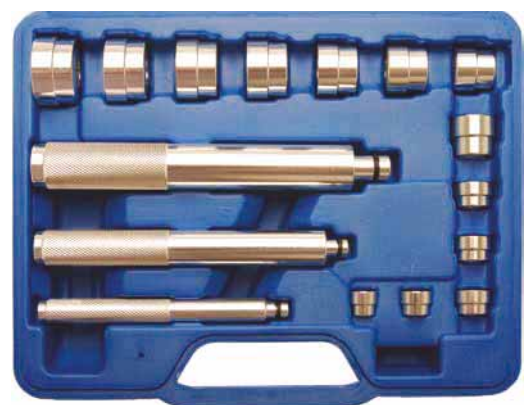
Item #	Description
1522	Bearing and Bush Driver Set 10 pcs.
1522-10	Handle from BGS 1522



Bearing and Bush Driver Set | 16 pcs.

- made from aluminium
- 3 drift pins: Ø 11 - 16 - 21 mm
- 13 pressure pieces:
 - 10 mm internal diameter x 12 mm external diameter
 - 12 mm internal diameter x 14 mm external diameter
 - 14 mm internal diameter x 16 mm external diameter
 - 15 mm internal diameter x 17 mm external diameter
 - 16 mm internal diameter x 18 mm external diameter
 - 18 mm internal diameter x 20 mm external diameter
 - 19 mm internal diameter x 21 mm external diameter
 - 20 mm internal diameter x 22 mm external diameter
 - 22 mm internal diameter x 24 mm external diameter
 - 25 mm internal diameter x 27 mm external diameter
 - 26 mm internal diameter x 28 mm external diameter
 - 28 mm internal diameter x 30 mm external diameter
 - 30 mm internal diameter x 32 mm external diameter

Item #
1524



Inner Wheel Bearing Puller Set | 40 - 62 mm | 8 pcs.

- allows removal of the flat-fitting bearing inner ring of the wheel hub
- universally applicable for most vehicle types and bearing inner rings with 40 - 45 mm ring diameter
- 4 pullers: 40 - 45 mm / 45 - 51 mm / 55 - 61 mm / 50 - 55 mm
- 2 ring wrenches
- main body
- spindle M20 x 1.5



Item #
7763

Bearing Inner Ring Puller | 68 mm

- for removing of e.g. inner wheel bearing rings on wheel hubs
- the bearing rings usually remain on the wheel hubs when disassembling the wheel bearing
- clamping device presses puller feet safely behind the component to be removed
- pressure piece diameter: 25 x 30 mm
- pulling width: 68 mm
- puller depth 60 mm



Item #
9331

Pressing Frame

- M18 spindle suitable for impact wrench use
- can be used with hydraulic ram BGS 7721-X
- max. pressing width: 220 mm
- frame dimensions: 340 x 185 mm
- distance from spindle to frame: 80 mm
- suitable for use with pull and pressure sleeve sets BGS 1514

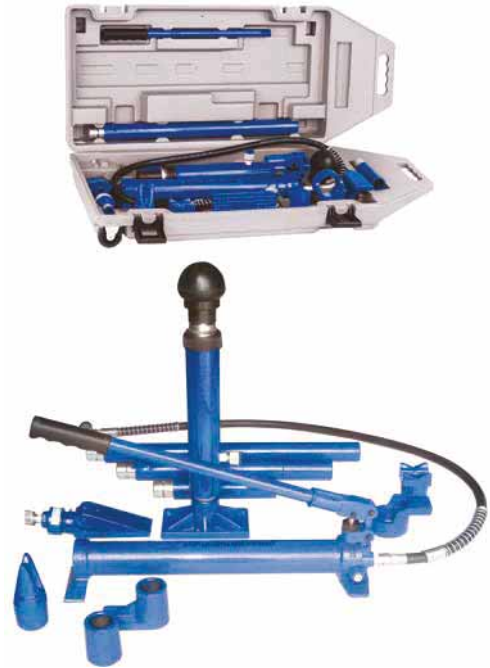


Item #	Description
3051	Pressing Frame
3051-LEER	Empty Case for BGS 3051

Body and Fender Repair Kit | hydraulic | 10 t

- for special operations on car bodies
- for pressing, clamping and spreading of body parts
- maximum pressure: 10 t
- packed in carrying case with wheels
- pressure cylinder, length: 385 - 540 mm
- pressure cylinder extensions, length: 125, 250, 455, 685 mm
- spreader, 115 mm leg
- pressure plate, 165 x 95 mm
- pressure piece, round, Ø 50 mm
- pressure piece, roof-shaped
- pressure piece with round and tapered profile
- rubber ball, Ø 80 mm
- 80 mm side-thrust piece (mounting on piston)
- 80 mm side-thrust piece (mounting on cylinder)

Item #	Description
1689	Body and Fender Repair Kit hydraulic 10 t
1689-leer	Empty Case for BGS 1689
1689-1	Hydraulic Pump for BGS 1689 10 t
1689-2	Hydraulic Cylinder for BGS 1689 10 t.



Body and Fender Repair Kit | hydraulic | 4 t

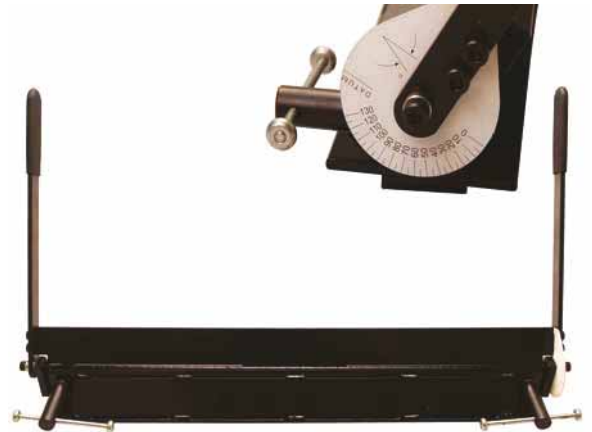
- for straightening work on car bodies
- for pressing, clamping and spreading of body parts
- maximum pressure: 4 t
- 350 mm hydraulic pump length
- 75 mm hydraulic cylinder pressing width
- in plastic case

Item #	Description
1688	Body and Fender Repair Kit hydraulic 4 t
1688-1	Hydraulic Pump for BGS 1688 4 t
1688-2	Hydraulic Cylinder for BGS 1688 4 t.
1689-3	Spreader for BGS 1688, 1689 4 t
1688-4	Rubber Pressure Head for BGS 1688
1688-LEER	Empty Case for BGS 1688



Folding bench | 600 mm

- for folding of metal sheets up to 600 mm width and 1.2 mm thickness
- support for mounting in a bench vice
- with angle stop and angle measurement



Item #

8687

Fender Flaring Tool

- for expanding the fender size
- is often required when lowering the vehicle and changing the wheel-tire combination
- telescopic boom arm with 180° swiveling pressure roller
- suitable for 4- and 5- bolt wheel hubs
- suitable for M12 wheel nuts/screws and cars with pitch circle diameters from 95 to 120 mm
- weight: 7.5 kg



Item #

3525

Cycle and Fender Crimp Pliers | 310 mm

- for edge coiling of sharp fender inner edges, preventing damage to tires when cushioning
- plastic jaws for smooth application
- is required for e.g. lowered vehicles or when changing the wheel/tire combination
- a dismantling of wheels can be omitted in most cases
- length: 310 mm



Item #

8682

Combination Edge Setter and Folding Pliers | straight | 280 mm

- for seaming sheet metal
- maximum jaw width 60 mm
- handle dip insulated
- length: 280 mm

Item #
6160



Combination Edge Setter and Folding Pliers | 45° offset | 280 mm

- for removing sheet metal
- maximum jaw width 60 mm
- handle dip insulated
- length: 280 mm

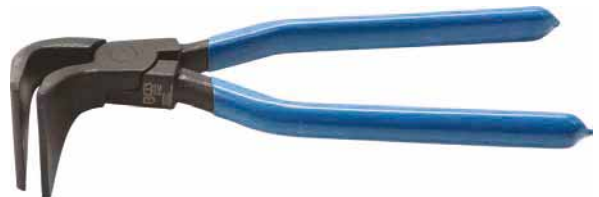
Item #
6161



Combination Edge Setter and Folding Pliers | 90° offset | 280 mm

- for seaming sheet metal
- maximum jaw width 60 mm
- handle dip insulated
- length: 280 mm

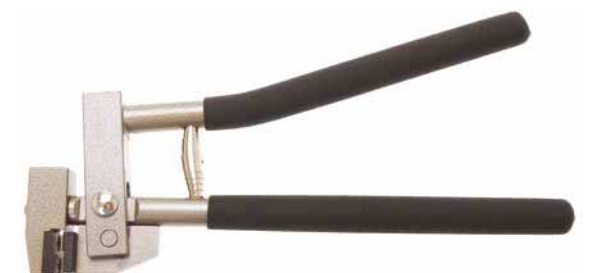
Item #
6162



Edge Setter Pliers | for Metal Sheets up to 1 mm

- self opening
- crimping capacity: 13 mm
- for reducing metal sheet edges up to 1 mm
- for car body repairs
- comfortable and robust rubber handle
- max. power transmission with min. effort
- length: 300 mm
- jaw width: 22 mm

Item #
6140



Hole Punch Pliers Folded Workpieces

- self opening
- 5 mm matrix
- for punching straight and bevelled sheets up to 1.25 mm material thickness
- throat 40 mm
- special pliers for punching and retracting folded workpieces
- length: 280 mm

Item #
6141



Combination Edge Setter / Hole Punch Pliers

- self opening
- flexible jaw, 5 mm punch
- for setting edges in sheets up to 1 mm thickness and for punching holes in sheets for spot welding operations
- length 285 mm
- jaw size: 13 mm deep
- jaw width: 22 mm

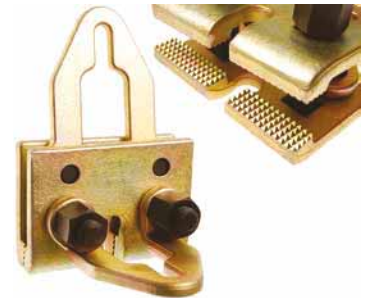
Item #	Description
6120	Combination Edge Setter / Hole Punch Pliers
6121	Spare Punch for Punch Pliers
6122	Spare Punch for Bevelling and Punch Pliers 6 mm



Claw for Car Body Alignment | 120 mm | two directions of pull | max. 5 t, side 3 t

- no twisting by safety device
- claw width: approx. 120 mm with 15 mm center opening
- clamping depth: 32 mm
- length: 180 mm

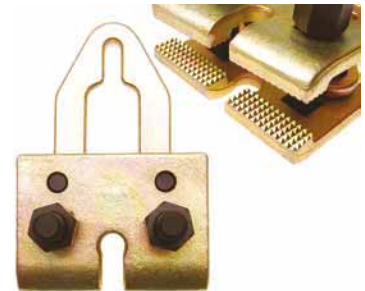
Item #
2900



Claw for Car Body Alignment | 120 mm | one pulling direction | max. 5 t

- no twisting by safety device
- claw width: approx. 120 mm with 15 mm center opening
- clamping depth: 32 mm
- length: 180 mm

Item #
2901



Claw for Car Body Alignment | 45 mm | one pulling direction | max. 5 t

- no twisting by safety device
- with extra big mouth
- claw width: 45 mm
- clamping depth: 40 mm
- holding power of the claw is higher when pulled
- 35 x 40 mm eyelet opening
- length: 230 mm

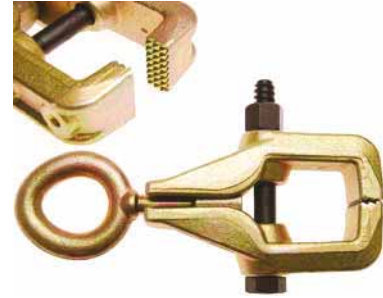
Item #
2902



Claw for Car Body Alignment | 35 mm | one pulling direction | max. 3 t

- no twisting by safety device
- claw width: 35 mm
- clamping depth: 60 mm
- holding power of the claw is automatical higher when pulling
- 35 x 40 mm eyelet opening
- length: 220 mm

Item #
2903

**Car Body Alignment Claw | 43 mm | two directions of pull | max. 5 t, side 2 t**

- no twisting by safety device
- claw width: 43 mm
- clamping depth: 22 mm
- holding power of the claw is automatical higher when pulling
- 35 x 42 mm eyelet opening
- length: 210 mm

Item #
2904

**Car Body Alignment Claw | 43 mm | one pulling direction | max. 5 t**

- no twisting by safety device
- claw width: 43 mm
- clamping depth: 22 mm
- holding power of the claw is automatical higher when pulling
- 35 x 42 mm eyelet opening
- length: 210 mm

Item #
2905

**Claw for Car Body Alignment | 90° | 36 mm | one pulling direction | max. 2 t**

- no twisting by safety device
- claw type: 2 clamp jaws 90°, 2x 20 mm
- claw width: 36 mm
- clamping depth: 29 mm
- holding power of the claw is automatical higher when pulling
- 35 x 40 mm eyelet opening
- length: 190 mm

Item #
2906



Claw for Car Body Alignment | 90° angled | 40 mm | one pulling direction | max. 2 to.

- no twisting by safety device
- claw type: 90° angled
- claw width: 40 mm
- clamping depth: 28 mm
- fixed eyelet
- (25 x 35) x 50 mm eyelet opening
- length: 165 mm

Item #
2907



Body Repair Set | 7 pcs.

- heavy duty hickory handles
- 3 panel beating hammers
- 4 panel irons

Item #	Description
1672	Body Repair Set 7 pcs.
1672-1	Body Hammer round, flat Head / tip, tapered fin
1672-2	Body Hammer round, flat Head / square, flat Head
1672-3	Body Hammer round, flat Head / straight, horizontal fin
1672-4	Hand Anvil wedge shape curved
1672-5	Hand Anvil ledge shape
1672-6	Hand Anvil small radius
1672-7	Hand Anvil large radius



Ball Pein Hammers

- special dent removal head shape
- fibre glass shaft
- with rounded cross and rounded peen

Item #	Description
3870	Ball Pein Hammer 225 g
3871	Ball Pein Hammer 450 g
3872	Ball Pein Hammer 700 g
3873	Ball Pein Hammer 900 g



Bumping Hammer | 225 g

- for removing dents without distortion
- 3-piece hammer face, flexible
- material handle: wood
- head weight: 225 g

Item #
1676



Car Body Repair Hammer | Ø 38 mm | 225 mm

- chequered hammer face for removing dents without distortion
- length: 310 mm
- material handle: hickory
- head weight: 225 g

Item #
1675



Hand Grinder | 105 x 210 mm

- for clamping sandpaper
- extra holding holes on the sides for comfortable grip
- fixing clamps on both sides

Item #
1638



Panel Beating Iron | "3-IN-1"

- ideal for dent removal

Item #
1685



Contour Gauge | 250 mm

- for quickly copying and transferring bodywork contours
- useful for for carpenters and for modelling
- side metal holder for optional attachment of second gauge
- with 4 magnets on the reverse
- max. measuring depth: 30 mm
- max. measuring width: 250 mm
- length: 260 mm
- width: 282 mm

Item #
8025



Contour Gauge | metal | 125 mm

- for quickly copying and transferring bodywork contours
- useful for for carpenters and for modelling
- max. measuring depth: 30 mm
- max. measuring width: 125 mm
- material: metal

Item #
8149



Gap Gauges Set | 3 pcs.

- useful for body work such as fitting doors, fenders and other body parts and for the adaptation and installation of car windows and body parts
- adaptation to body by pivoting, ball-bearing construction
- includes 3 gauges with 10 gauge blades each, 1 mm thickness
- with mounting suction cup and flexible gooseneck



Item #
8763

Car Body File Frame

- adjustable
- for 350 mm files, sold without file
- aluminium diecast

Item #
3216



Body File Sheets

- different surfaces

Item #	Description
3217	Body File Sheet coarse half-round milled 350 x 35 x 4 mm
3217-1	Body File Sheet fine radially milled 350 x 35 x 4 mm
3217-2	Body File Sheet coarse obliquely milled 350 x 35 x 4 mm
3217-3	Body File Sheet fine obliquely milled 350 x 35 x 4 mm



Assembly Tool Set for Parking Sensor Holders

- for replacing defective parking sensor holders or for punching holes in unprepared plastic bumpers
- hole punch Ø 18.2 mm
- hole punch Ø 26.0 mm
- locator pin, red
- locator pin, silver
- holding fixture, 4 pcs.
- HSS twist drill Ø 10.2 mm

Item #
9088



Plastic Repair Set | with Gas Soldering Iron

- for repairing plastic parts, e.g. bumpers, wheel inner fenders, headlight housings, engine covers, motorcycle paneling, etc.
- with different welding rods, for use on following plastics:
 - Acrylic-Butadiene-Styrene (ABS), polypropylene (PP), polyethylene (PE) and Polystyrene (PS)
 - polypropylene (PP)
 - polyethylene (PE)
 - polystyrene (PS)
- 1 soldering iron
- 2 welding heads, 9 mm / 12 mm
- 1 screwdriver, 3 x 50 mm
- 1 cleaning brush
- 1 cleaning rod
- 3 stainless steel meshes for reinforcement, 100 x 60 mm
- 6 welding rods for ABS plastic, length 170 mm
- 6 welding rods for PS plastic, length 170 mm
- 6 welding rods for PE plastic, length 170 mm
- 6 welding rods for PP plastic, length 170 mm



Item #	CE		1/3
9388			

Consumables | for plastic Repair Set BGS 9388

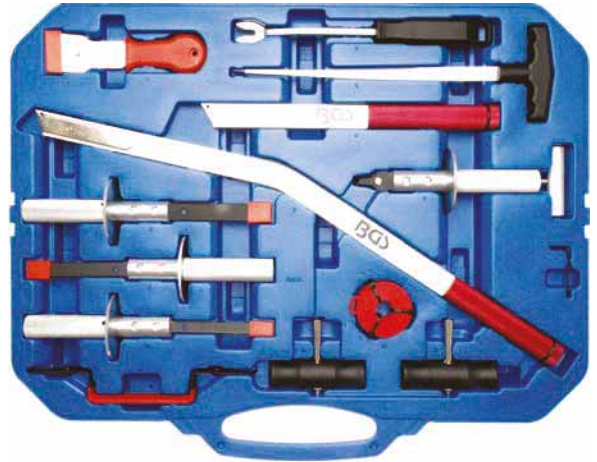
- accessory kit for plastic repair set with gas soldering iron BGS 9388
- 2 welding heads, 9 mm and 12 mm
- 1 screwdriver, 3 x 50 mm
- 1 cleaning brush
- 1 cleaning rod
- 3 stainless steel meshes for reinforcement, 100 x 60 mm
- 6 welding rods for ABS plastic, length 170 mm
- 6 welding rods for PS plastic, length 170 mm
- 6 welding rods for PE plastic, length 170 mm
- 6 welding rods for PP plastic, length 170 mm



Item #		1/3
9389		

Windshield Removal Tool Kit | 14 pcs.

- ideal for the correct disassembly of glued front windscreens as well as most rear and side screens
- for cutting the vinyl adhesive and urethane around windshields
- 600 mm weather strip cutting knife
- 300 mm weather strip cutting knife
- replaceable blade pinchweld scraper, 300 mm (3 pcs., 1.25 - 1.5 - 2 cm)
- extra wide pinchweld scraper
- triangle wire on roll, 22 m
- 2-piece wire gripping handles
- windshield removal tool
- hexagon wrench
- wire feeder tool
- trim pad remover
- windshield moulding release tool



Item #
69500

Windshield Removing Tool Set

- for professional removing of glued car windshields
- wire pull system with deflection pulley
- 150 mm suction discs with hand pump provide a firm grip on the windshield
- cutting wire reel with 10 mm (3/8") drive
- max. suction head capacity: 50 kg (per head)
- to be used with e.g. window cutting wire (BGS 8583)



Item #
69505

Windscreen Assembly Set | 5 pcs.

- for windcreens with conventional rubber seal
- roll handle for easy redirecting the rope
- ball handle 210 mm, angled for non-destructive lifting of the sealing rubber
- hook handle 210 mm, 45° angled
- hook handle 270 mm, 90° angled, facilitates the installation of the sealing rubber
- guide handle 220 mm, for tracking the installation rope
- installation rope 6.0 m



Item #
8002



Windscreen Removal Set | 7 pcs.

- for glued windscreens
- panel-removal tool with handle, 275 mm
- piercing awl, 330 mm
- handles for cutting wire | 2 pcs.
- cutting wire, 180 cm
- double hook handle, 240 mm
- pull scraper with handle and pull rope



Item #
8004



Tool for Removing glued Car Windows

- hardened blade
- with drawstring
- handle material: aluminium



Item #	Description
7999	Tool for Removing glued Car Windows
8001	Spare Blade for BGS 7999

Pull Handles for Windscreen Cutting Wire | 2 pcs.



Item #
8003



Square Window Cutting Wire | 50 m

- rust-proof
- for use with handles for windscreen cutting wire BGS 8003 and windscreen removal set BGS 8022
- suitable as replacement wire for e.g. BGS 69500, 8003, 8004 , 8022



Item #
8006

Window Cutting Wire | knotted | 25 m

- flexible
- for cutting out glued windows
- braided from 3 stainless steel wires
- length 25 m
- thickness 0.9 mm
- suitable as replacement wire for e.g. BGS 69500, 69505, 8003, 8004 , 8022



Item #
8583



Windshield Seal Nylon Cutting Wire | 50 m

- for damage-free cutting of glued windshields
- excellent cutting performance, comparable to conventional metal-cutting wires
- soft and flexible for preventing damage to painted and sensitive surfaces
- especially suitable for windshield removing tool set (BGS 69505)
- can also be used as OEM tool VAS 861 001 / 1A
- diameter: 1.3 mm
- length: 50 m



Item #
9115



Windscreen Removal Tool Set | 4 pcs.

- 2 handles
- 22 m triangle windscreen cutting wire, stainless
- 1 internal hexagon key for adjusting the wire



Item #
8022



Molding Installer Tool

- for easy installation of moulding / rubber strips on car windows
- moulding / rubber strips are pulled through the pane by nylon roller, allows tight strip installation
- acrylic made holder for control during assembly



Item #
8860

Wire-through Testing Probe | with T-Handle

- stainless steel tube for pushing through the cutting wire
- length: 100 mm
- handle material: aluminium

Item #
67200



Cutting Wire Insertion Tool | for Windscreen removal

- for counterholding the cutting wire inside the car
- suitable for all glued car windshields
- long angled shaft reduces the risk of damaging the car interior
- ergonomically shaped handle
- wire is clamped by screw
- blade length: 130 mm

Item #
67201



Parting Awl | 330 mm

- adapts to curved surfaces, making it easier to insert wires in vehicles with deep cockpits
- for powerful piercing of the disc seal and threading the cutting wire
- wire insertion is made easier by the fork opening
- slotted head
- spring steel blade
- T-handle for easy operation
- length: 330 mm

Item #
67202



Dashboard Protector | 4 pcs.

- to protect the dashboard when e.g. removing the windshield
- with handle
- made of high-strength plastic
- protection panel, slightly rounded lip, (W x L) 265 x 205 mm
- protection panel, straight, (W x L) 265 x 205 mm
- protection panel, slightly rounded lip, (W x L) 455 x 305 mm
- protection panel, straight, (W x L) 455 x 305 mm

Item #
7685



Windshield Carrying Tool Cart

- extremely useful for transporting / storing windows and tools
- 3 shelf levels, plate size: 500 x 380mm
- dimensions (W x D x H): 685 x 435 x 940 mm
- 4 rubber pads for safe storing of windshield
- 4 swivel castors, 2 with brakes
- 2 handles
- made of lightweight plastic
- max. weight capacity: 50 kg



Item #
8789

Windshield Installation Frame | with Swivable Suction Cups

- especially suitable for disassembly/assembly of larger windshields
- 4 suction cups with hand-operated vacuum pump (Ø 150 mm)
- movable suction cups for adaptation to the windshield bulge
- frame dimensions: 1310 x 280 mm
- suction cup diameter: 150 mm
- max. weight of windshield: 80 kg
- aluminum frame



Item #
8817

Windshield Holder

- tubular steel construction
- ideal for storing windshield while removing or applying adhesive material etc.
- foldable to save space during storage
- soft wrapped upper frame for secure holding of windscreen
- frame width: 1005 mm
- frame depth: 570 to 800 mm
- frame height: 600 to 900 mm (depending on the setting of frame depth)
- max. capacity: 50 kg



Item #
8380

Windshield Holder | with Suction Pads

- ideal for storing windshield while removing or applying adhesive material etc.
- for front and rear windows, side windows and others
- foldable to save space during storage
- 4 suction pads for secure holding of windscreen (Ø 130 mm)
- max. load: 25 kg
- height: 950 mm
- support point distance: 710 x 620 mm



Item #
8460

Suction Lifter Set | 3 pcs.

- incl. ratchet strap
- 2 twin suction lifters (BGS 8000) and ratchet strap
- for easy transport, assembly and removal of windscreen and rear window
- max. load per twin suction lifter: 60 kg



Item #
7997



Rubber Suction Lifter | extra strong | Ø 200 mm

- with sturdy handle
- for lifting, carrying and holding
- with release button
- diameter: 200 mm
- max. rated load capacity: 80 kg



Item #
7983

Triple Rubber Suction | aluminium | Ø 115 mm

- is required for lifting and mounting of windshields
- max. rated load capacity 95 kg
- suction cup diameter: 115 mm
- toggle lever suction device

Item #
7996



Double Rubber Suction | aluminium | Ø 115 mm

- is required for lifting and mounting of windshields
- max. rated load capacity 80 kg
- suction cup diameter: 115 mm
- toggle lever suction device

Item #
7993



Twin Suction Lifters | ABS | with flexible Heads | Ø 120 mm | 390 mm

- with quick release lever
- with recess for ratchet strap
- length: 390 mm
- diameter: 120 mm
- max. rated load capacity: 70 kg

Item #
8000



Rubber Twin Suction Lifter | ABS | Ø 120 mm | 325 mm

- fixed cups for flat windows
- with quick release lever
- diameter: 120 mm
- max. rated load capacity: 60 kg

Item #
7991



Suction Lifter | Metal | Ø 115 mm

- with quick release lever
- diameter: 115 mm
- max. rated load capacity: for up to 45 kg

Item #
7995



Rubber Suction Lifter | ABS | Ø 115 mm

- with quick release lever
- ideal for lifting windows, body repair, etc.
- diameter: 115 mm
- max. rated load capacity: 40 kg

Item #
7998



Rubber Suction Lifter | ABS | Ø 55 mm

- with quick release lever
- ideal for removing little body dents etc.
- diameter: 55 mm
- max. rated load capacity: 5 kg

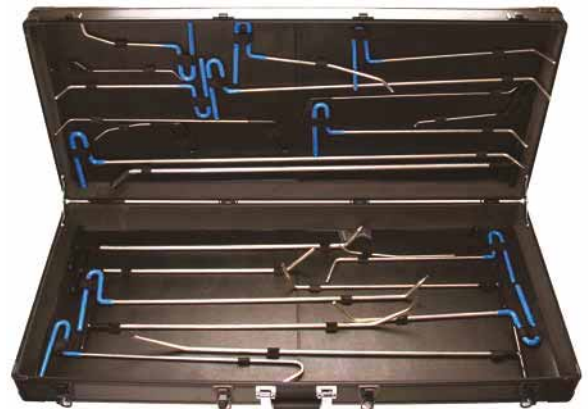
Item #
7987



Denting Iron Set | 23 pcs.

- suitable for removing dents
- includes irons with round, flat, point and ball heads
- made of 5 to 14 mm round stainless steel
- 45° up to 135° bent heads
- length: 250 mm to 1150 mm
- PVC dipped handles
- in aluminium transport case
- with strip holders for denting irons

Item #	Description
1642	Denting Iron Set 23 pcs.
1642-LEER	Aluminium empty Case for BGS 1642



Denting Iron Set | 30 pcs.

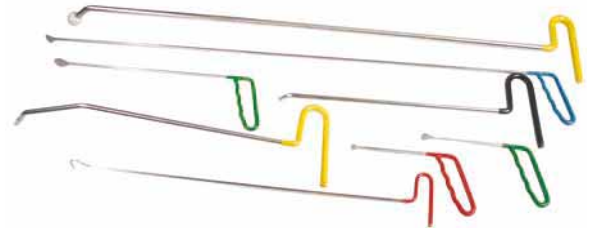
- suitable for removing dents, ideal even with hail damage
- allows repair of dents without painting
- no need to disassemble car body parts
- disassembly of panels is rarely necessary
- repair costs can be kept low, no painting cost
- set consists of all bumping tools needed in various lengths and shapes
- made of stainless and carbon steel
- also contains air inflating pillow, trim strip wedge and other parts



Item #
1639

Denting Iron Set | 8 pcs.

- for the removal of dents in a car's body without damaging the finish
- ideal for removing small dents and damaging caused by hail
- made of stainless steel
- various head forms
- delivered in a handy carrying case
- 2 half-round bars 210 / 220 mm
- 1 round bar 420 mm
- 1 half-round pointed bar 600 mm
- 2 angled ball-headed bars 460 / 1000 mm, plastic head with M5 x 0.81 thread
- 1 pointed bar 500 mm
- 1 special-type hooked bar 1070 mm



Item #	Description
1659	Denting Iron Set 8 pcs.
1659-KÖPFE	Plastic Replacement Heads for Denting Iron Set M5 x 0.8 mm for BGS 1659 3 pcs.
1659-LEER	Bag for BGS 1659 blue

Vacuum Body Repair Set with Sliding Hammer (with hand Pump)

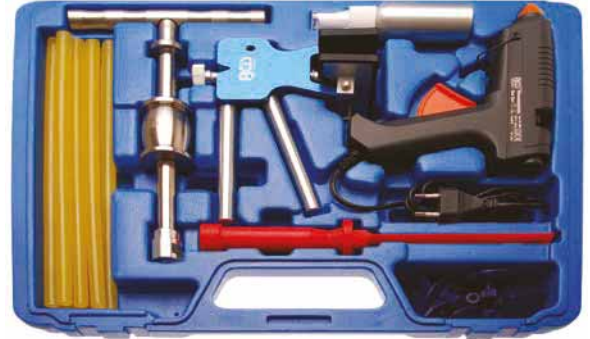
- when using the pump the hammer creates a vacuum and causes the vacuum pad to hold firmly on to the body and dents can now easily be removed by working the sliding hammer
- no air compressor needed
- 3 replaceable strainers: Ø 70 mm, Ø 100 mm, Ø 125 mm
- Slide hammer weight: 1100 g



Item #
8703

Pro Dent Repair Set

- suitable for repair of minor dents
- painting and filling work are unnecessary
- no colour differences
- reduces time and cost
- 9 dent pads in various sizes and shapes
- special adhesive glue sticks with very good performance
- sliding hammer for pulling out hard dents
- pulling unit with rubberized feet for slight dents on flat surfaces
- plastic scraper for gentle removal of dent pads



Item #	Description
865	Pro Dent Repair Set
867	Spare Glue Stick for BGS 865, 8057 10 pcs.
865-1	Extractor for BGS 865
865-2	Spray Bottle for BGS 865
865-3	Sliding Hammer for BGS 865

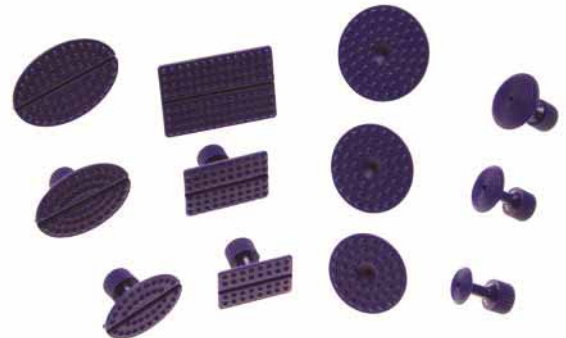
Dent Repair Pads | for BGS 865 | 12 pcs.

- suitable for BGS 865
- also suitable for BGS 865-6 and 865-7

includes the following pads:

- round, adhesive surface convex: Ø 15 - 20 - 25 mm
- round, adhesive surface straight: Ø 32 - 36 - 42 mm
- oval, adhesive surface straight: 23 x 34 - 28 x 41 - 33 x 48 mm
- rectangle, adhesive surface straight: 20 x 30 - 23 x 35 - 32 x 49 mm

Item #
874



Dent Repair Handle

- to removing dents
- suitable for dent repair pads BGS 874

Item #
865-7



Dent Repair Sliding Hammer Set

- 460 mm sliding hammer with adaptor head for pads,
- sliding hammer weight: 180 g
- adaptor head thread: M12 x 1.75
- material: aluminum, anodised

includes the following pads:

- round, adhesive surface convex: Ø 15 - 20 - 25 mm
- round, adhesive surface straight: Ø 32 - 36 - 42 mm
- oval, adhesive surface straight: 23 x 34 - 28 x 41 - 33 x 48 mm
- rectangle, adhesive surface straight: 20 x 30 - 23 x 35 - 32 x 49 mm



Item #

865-6

Dent Removal Pen

- for pushing out small dents, e.g. hail damage, etc.
- made of plastic, front rounded



Item #

8684

Dent Repair Set | 12 pcs.

- for pushing out small dents, e.g. hail damage, etc.
- 2 Retainer plates 155 mm long
- 1 aluminium handle 90 mm long
- 1 aluminium handle 130 mm long
- with following interchangeable heads:

- 1 cylinder form Ø 16 mm, 56 mm long
- 1 cylinder form, tapered, Ø 6 mm, 56 mm long
- 1 wedge shape, round, 8 x 16 mm, 56 mm long
- 1 wedge shape, square, 8 x 16 mm, 56 mm long
- 1 wedge shape, round, 4 x 16 mm, 56 mm long
- 1 wedge shape, square, 4 x 16 mm, 56 mm long
- 1 conical, sharp, 56 mm long
- 1 conical, round, 56 mm long
- material: plastic



Item #

9411

Hook Set for Dent Repair Rods | 10 pcs.

- for supporting of dent rods
- can be used with BGS 1639, 1642 and 1659
- material: stainless steel



Item #

8713

Aluminium Dent Removal Pen with replaceable Tips | 100 mm

- for paintless dent repair
- with 4 exchangeable tips
- length can be reduced to 70 mm using the spacer

Item #
9155



Silicon Water Remover | 300 mm

- for removing of water on all even surfaces, such as windshields
- soft silicone, very gentle to surfaces
- width: 300 mm

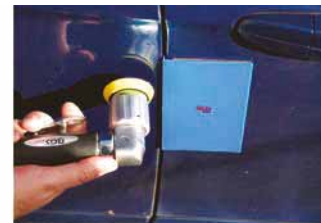
Item #
8855



Body-Edge Protection | magnetic | 2 pcs.

- for body edge protection during polishing or lacquering
- with magnetic base to ensures easy handling
- dimensions: 153 x 88 mm
- includes 2 pieces
- material: polypropylene (PP)

Item #
8508



Fixing Plate for Smart Repair / bump reflector | white | with lighting

- indispensable tool for paintless dent removal
- ideal for detecting dents and bumps, for example after hail damage
- Projecting of strips onto the paint to easily locate bumps
- 3 lines of aluminium, SMD LED strips, light colour: 6200K
- black & white striped lens cover (270 x 155 mm)
- anodized aluminium shield
- with suction cup and articulated arm (gooseneck / individually adjustable) for trouble-free use on the vehicle
- power supply: 12 V (cigarette lighter)
- cable length: 5 m



Item #
9147



Reflectorboard for Smart Repair | yellow

- board size 200 x 240 mm
- 350 mm articulated arm with 70 mm suction cup



Item #
865-4

Reflectorboard for Smart Repair | white

- board size 200 x 240 mm
- 350 mm articulated arm with 70 mm suction cup



Item #
865-5

Dent Mirror | Ø 800 mm

- ideal for better identification of dents and bumps, e.g. hail damage, stone-chipping or small parking damages
- asymmetric lines for precise detection of minor deformations
- suitable for mobile use, folds in seconds
- in practical storage pouch Ø 300 mm
- with plastic handle



Item #
9597

Door Hinge Mounting Tool Set

- for disassembly and assembly of door hinges, also suitable for other work in tight spaces
- includes the following bits with retaining ball and hexagon drive: for Spline screws M8, M10 and M12, as well as for T-Star screws T30, T40, T45 and T50
- offset bit wrench with 2 different heads
- reversible ratchet



Item #
8415



Door Hinge Tool Set | 8 pcs.

- especially assorted for working on VW/Mercedes-Benz/ Porsche/Audi door hinges:
- 1 Screwdriver T30 (length 360 mm)
- 1 T-handle Screwdriver T 20 (length 240 mm)
- 1 reversible bit ratchet (length 240 mm)
- 5 bits T-Star T40 - T45, spline M4 - M8 - M10



Item #
3539



Door Adjusting Lever

- for adjusting the side door gap dimensions of passenger cars, vans and trunk lids of hatchback cars
- is locked for adjusting on the lock pin and the door lock trap
- incl. locking pins in different sizes (storage space in handle)
- material: special steel
- surface finish: chrome-plated



Item #
3548

Door Adjusting Tool | 660 mm

- for cars and small trucks
- length: 660 mm



Item #
3538

Door Pin Removing Tool | 370 mm

- for the installation and extension of car door pins
- extra heavy duty finish, 16 mm
- this tool guarantees a quick and secure assembly of car doors
- impactors available under BGS 1801
- length: 370 mm

Item #
1800



Door Pin | 5 x 115 mm

- for door pin removal tool BGS 1800

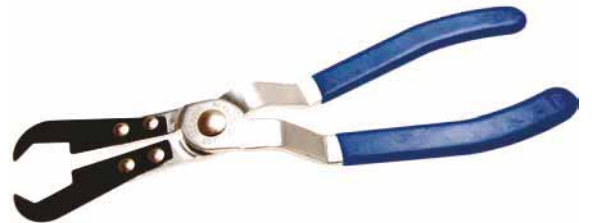
Item #
1801



Door Handle Clip Pliers | 220 mm

- allows you to remove the window crank clips
- prevents damage to the door panel
- anti-slip coated handle
- riveted jaws
- Handle dip insulated
- length: 220 mm

Item #
3542



Window Lift and Door Handle Clip Removing Tool | 270 mm

- hardened
- prevents damaging the door trim

Item #
3543



Emergency Car Opening Set

- sold only to authorised workshops
- universally applicable
- heavy duty modelPacked in a wallet

Item #
3546



Air Inflating Pillow Set | 5 pcs.

- for damage-free spreading e. g. door frames for emergency opening
- hand pump with valve
- consisting of:
 - 1 pad, kidney shape, dimensions: 320 x 150 mm
 - 1 pad 190 x 60 mm
 - 1 pad 160 x 40 mm
 - 1 pad 160 x 160 mm
 - 1 hand pump with hose length: 350 mm

Item #
3547



Air Inflating Pillow

- for damage-free spreading e.g. door frames for emergency opening
- hand pump with valve
- 1 pad - thickness 2 mm (airless), 70 mm (inflated)
- 1 hand pump with hose length: 350 mm
- length: 160 mm
- width: 160 mm

Item #
3544



Door Handle Tool for Renault Megane, Scenic

- for removing/installation of the front door locking cylinder
- disassembly of the door panel is not necessary
- suitable for Renault Megane, Scenic, Fluence
- length: 165 mm

Item #
8816



Door Handle Dismantling Tool for VW

- for fast and simple loosening of the locking hook which is difficult to reach when removing door handles without a locking cylinder
- to be used as VW OEM T10389
- blade length: 170 mm

Item #
8910



Locking Clamp for Hood and Trunk Openers

- for locking hood and trunk openers when the gas springs are not working
- maximum opening width 10 mm

Item #
2790



Telescopic Support Rod | 1100 - 1800 mm

- for supporting of the luggage compartment lid, lower engine covers, exhaust pipes, etc.
- telescopic steel tube with quick-action lock
- tiltable support plate with rubber pad
- with quick release for easy removal
- with 2 replaceable support heads
- max. load capacity: 37 kg
- length: 1100 - 1180 mm

Item #
9333



Telescopic Stand for Engine or Trunk Lid

- adjustable from 530 to 1200 mm
- for easy alignment of trunk lid and hood
- can be locked in many positions by turning the telescopic rods
- only a few centimetres more opening width can make working more convenient
- also useful when changing the original openers or dampers and during car body repair jobs
- rubber feet on both ends prevent slipping away
- low weight, made from aluminium



Item #
8246



Claw Socket for Mercedes Ignition Lock Rosette

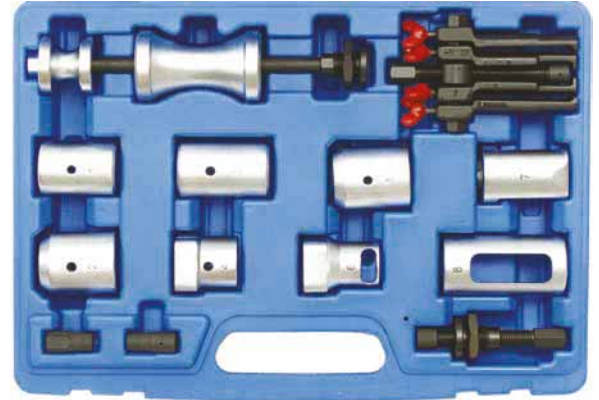
- for dismantling of ignition locks
- to be used as OEM 210589000700
- suitable for Mercedes-Benz: W129, W140, W202, W210, W220, W203, W209, W211, W204

Item #
62675



Wiper Arm Puller Set | universal | 13 pcs.

- universally applicable
- with sliding hammer and ejection arbor
- 2-arm gear puller, suitable for following cars: Audi, BMW, Chrysler-Jeep, Citroen, Fiat, Ford, Honda, Hyundai, KIA, Land Rover, Mazda, MG-Rover, Nissan, Peugeot, Porsche, VW, MAN, MB, Scania
- allows trouble free disassembly of all current wiper arms
- perfect on rusty and stuck wiper arms
- helps protect nozzles inside the wiper arm by using the sliding hammer
- 1 x 2 arm puller
- 1 sliding hammer
- 1 pressure spindle
- socket 1: for Alfa-Romeo, Audi, BMW, Citroen, Fiat, Ford, Honda, Jaguar, Mazda, MG-Rover, MB, Mitsubishi, Opel, Peugeot, Renault, Seat, Skoda, Volvo, VW, Mercedes-Benz
- socket 2 fits Alfa-Romeo, Audi, BMW, Citroen, Fiat, Ford, Honda, Hyundai, Jaguar, Land Rover, MB, Opel Peugeot, Renault, Saab, VW, Mercedes-Benz
- socket 3: for Alfa-Romeo, Audi, BMW, Fiat, Citroen, Ford, Mazda, MB, Mitsubishi, Opel, Peugeot, Smart, Volvo, VW
- socket 4: for Citroen, Hyundai, MB, Opel, Mercedes-Benz
- socket 5: for Alfa-Romeo, Audi, BMW, Jaguar, Land Rover, Mazda, MB, Volvo, VW
- socket 6: for Citroen, Ford, Peugeot
- socket 7: for Audi, BMW, Land Rover
- socket 8: for Audi, BMW, Citroen, Chevrolet, Daewoo, Daihatsu, Fiat, Ford, Land Rover, Mazda, MB, Mitsubishi, Porsche, Skoda, Smart, Suzuki, Toyota, Volvo, VW



Item #	Description
65700	Wiper Arm Puller Set universal 13 pcs.
65700-1	Windscreen Wiper Arm Puller from BGS 65700 universal 15 - 55 mm

Front Wiper Repair Kit | for VW Golf IV, Audi A3, Seat, Skoda

- for repairing rusted wiper arm shafts
- replacement of wiper arm mechanism is not required
- saves repair costs

Item #
8631



Rear Window Washer Repair Kit | for VAG

- minimizes repair coast and allows professional drilling out of nozzle residues from the wiper arm shaft and of brass pipe out of wiper motors
- guide bushing for mounting on wiper axle
- 3 drills, of which 2 with guide holders
- 10 plastic pipes as brass pipe replacement
- suitable for the following VAG models: VW Golf IV, Passat, Sharan, Audi A4, Ford Galaxy, Seat Alhambra

Item #
8632



Windscreen Wiper Arm Puller | 26.5 mm | for Audi Q7

- allows easy and gentle dismantling of the wiper arms
- opening size: 26.5 mm

Item #
7792



Windscreen Wiper Arm Puller | 15 mm | for Audi

- suitable for Audi A3, A4, A5, A6
- allows easy and gentle dismantling of the wiper arms
- opening size: 15 mm

Item #
7793



Windscreen Wiper Arm Puller | for Honda, Opel, VW

- suitable for VW Lupo and Polo, Opel Astra G, Zaphira B, Corsa C, Vectra C, Honda Jazz, CRV, FRV etc.
- allows easy and gentle dismantling of the wiper arms

Item #
7794



Windscreen Wiper Arm Puller | for BMW, VW

- suitable for BMW 5-series E39 and 7-series E38 up to 2005, VW Golf and Passat up to 2005
- allows easy and gentle dismantling of the wiper arms
- puller depth 32 mm
- claw opening: 24 mm

Item #
7795



Windscreen Wiper Arm Puller | 16 mm

- for removing the windshield wiper arms

Item #
9974



Pole Terminal and Wiper Arm Puller | 2-arm

- adjustable and suitable for most car and truck types

Item #
7743



Windscreen Wiper Arm Puller | for Ford, Mercedes-Benz, Seat

- suitable for Ford Galaxy, Seat Alhambra Mercedes A and B classes as of 2005, VW / Audi with internal wiper nozzle
- allows easy and gentle dismantling of the wiper arms
- with brass tip for ejection tool
- puller depth 45 mm

Item #
7796



Windscreen Wiper Arm Puller | for Porsche, VW

- suitable for: VW Touareg, Porsche Cayenne and other SUVs, Ford Galaxy, Seat Alhambra
- allows easy and gentle dismantling of the wiper arms
- max. puller width 60 mm
- puller depth 43 mm

Item #
7797



Wiper Arm Puller for Rear Window Wiper, VAG

- especially for removal of VAG rear wiper arms

Item #
9967



Windscreen Wiper Arm Puller | universal

- for removing of front and rear wiper arms
- brass pressure sleeve prevents damage to the thread
- 360° rotatable puller arms
- handwheel, no additional tool required
- chrome-plated base, press sleeve brass made hardened spindle

Item #
7798



Windscreen Wiper arm pullers

- prevents damage to the bodywork and the windscreen wiper arm
- fine thread
- height 85 mm
- fits BMW

Item #	Description
9965	Windscreen Wiper Arm Puller 15 mm for BMW
9965-1	Brass Pressure Piece for BGS 9965



Windscreen Wiper Arm Puller | 15 - 30 mm | for BMW

- suitable for e.g. following BMW models: E12 - E21 - E23 - E24 - E28 - E30 - E30C - E31 - E32 - E32/3 - E34 - E36 - E36/2 - E36/3 - E36/5 - E36/7 - E36/C - E38 - E38/3 - E39 - E39PL - E46 - E46/16 - E46/2 - E46/3 - E46/5 - E46/C - E52 - E53 - E60 - E65 - E66 - E67 - E85
- adjustable puller claw opening

Item #
9966



Windscreen Cleaning Nozzle Adjusting Tool | for Opel

- for adjusting the nozzles at the front windscreen
- suitable for e.g. Opel Astra J (as of 2010), Insignia (as of 2009)

Item #
9148



Windshield Wiper Adjustment Tool

- for checking / adjusting the angle between the windshield wiper arm and the windshield
- suitable for all hook style wiper arms (not suitable for new aero style arms)
- to be mounted at the front of the wiper arm and the angle can be adjusted with a wrench
- Measuring range: ± 15 degrees
- to be used as VAG OEM 3358A, for example

Item #
9419



Trim Strip Wedge / Scraper Set | 27 pcs.

- for removal of trim, paneling, etc.
- allows a damage-free disassembly, even on painted surfaces
- wide range of application through different scraper and removal tool profiles, such as:
 - scraper with trim guide
 - slotted lever, angled and straight
 - disassembly lever, angled and straight, in different widths

Item #
8611



Car Interior Lining Set | 11 pcs.

- various plastic levers for a safe and reliable assembly and disassembly of car lining, plastic clips, rear view mirrors etc.
- especially designed for narrow and hard to reach working conditions
- fibreglass reinforced plastic
- in plastic bag

Item #
1327



Assembly Wedge Set | 5 pcs.

- made from special hard plastic / nylon
- for working on car interior lining, cover panel, dashboard, trim strips

Item #
63250



Trim Strip Set | various Shapes | 5 pcs.

- manufactured from high end special plastic
- various shapes for working on trim strips, rubber gaskets, interior, door trims, switches, etc.
- length: 160 - 200 mm

Item #
3027



Special Clip Remover Set | 5 pcs.

- slip guard handles
- U-Notch Chisel (internal 8.2 mm / external 31.5 mm)
- V-Notch Chisel 38 mm (internal 4-12.5 mm / external 31.5 mm)
- U-Notch Chisel 13 mm (internal 6.15 mm / external 12.8 mm)
- V-Notch Chisel 13 mm (internal 1-4.4 mm / external 12.8 mm)
- U-Notch Chisel 38 mm, long bended type (internal 8.4 mm / external 31.4 mm)



Item #
1328



Interior Lining and Clip Removal Tool Set

- for fast and easy dismantling of car interior linings
- adapts to versatile applications because of 3 different sizes (4, 8 and 10 mm)
- and two different lengths (235 mm and 495 mm)
- ergonomic handle
- with hanging hole

Item #
1326



Plastic Chisel Set 6 pcs.

- suitable for removing of e.g. panels, glued trim parts and wheel weights
- made of plastic, prevents damage
- blue chisels are flexible and suitable for softer work
- black chisels are stiffer and suitable for tougher work
- handle end is designed to be used with a hammer
- 1 flathead chisels 175 mm, blue
- 1 flathead chisels 175 mm, black
- 1 round head chisels 127 mm, blue
- 1 round head chisels 127 mm, black
- 1 flathead chisels 127 mm, blue
- 1 flathead chisels 127 mm, black



Item #
368



Edge Protection and Sealing Rubber Loosener

- for easy disassembling of door seals and edge protection rubber
- made of 1 mm strong, inelastic steel sheet, with dip coated handle
- 180° folded, 18 mm grip edge, width: 57 mm
- length: 190 mm
- width: 130 mm



Item #
1330



Panel Removal Wedge Set for VW | 3 pcs.

- for dismantling e.g. door panels, under-seat drawers, etc.
- suitable for VW EOS, Polo, Passat, etc.
- to be used as VW OEM: T10383 - T10383/1 - T10383/2



Item #
8920

Trim Strip Wedge with Hole | 100 x 45 mm

- for damage-free removal of trim strips
- length: 100 mm
- width: 45 mm
- material: plastic
- **BGS 3029**
 - length: 185 mm
 - width: 25 mm
- **BGS 3032**
 - length: 100 mm
 - width: 45 mm



Item #	Description
3029	Trim Strip Wedge with Hole 100 x 45 mm
3032	Trim Strip Wedge 185 x 25 mm

Doorclip / Rivet Pliers | 230 mm

- revolving head 0 - 90°
- for opening and/or loosening two-piece rivets (plastic clips on motorcar doors and car body components)



Item #
3545



Panel Clip Pliers | 190 mm

- for removing body clips
- with 35° offset head, specifically for hard on reach places
- suitable for common clips at newer vehicle models such as Honda, Toyota, GM, Ford, etc.
- spring loaded opening mechanism for ease of use
- made of heat treated steel
- PVC dipped handles



Item #
8934



Door Trim Pliers

- for loosening plastic clips on door trims, bumper straps, etc.
- black finish jaw manufactured from hardened sheet steel
- also suitable for the release of bumper rubber etc.



Item #
3192



Door Trim Removing Tool | 245 mm

- for removal of trim strips on car bodies
- can be used for nearly all brands
- Slot width 7.5 mm
- Slot length 13 mm
- opening size: 7.5 mm



Item #
3092



Door Trim Removing Tool

- for removal of trim strips on car bodies
- can be used for nearly all brands
- **BGS 3104**
 - slot width: 7 mm
 - slot length: 10 mm
 - opening size: 16 mm
 - length: 235 mm
- **BGS 3193**
 - slot width: 6 mm
 - slot length: 13 mm
 - opening size: 19 mm
 - length: 240 mm



Item #	Description
3104	Door Trim Removing Tool 235 mm
3193	Door Trim Removing Tool 240 mm

Hook Set | 4 pcs.

- is needed for e.g. laying of cables, cushions, etc.
- all hooks with tip
- piercer (straight), hook 90° angled, hook with round head, double angled hook
- 2-Komponenten-Griff

Item #
8451



Assembly Tool Set | 220 mm | 2 pcs.

- straight and bent (45° and 90°) tips
- length: 220 mm

Item #
8015



O-Ring Hook Set | 5 pcs.

- incl. magnetic pick up tool

Item #
8035



Assembly Hook

- for brake spring and headlight spring assembly
- material: steel, alloyed
- surface finish: black

Item #
8018



Interior Cladding Hooks | universal

- especially useful for stuck linings
- T-handle for easy pulling
- offset head with 9 mm opening
- by 485 mm length also suitable for deep-seated fastenings
- universally applicable for all types

Item #
8285



Seal Removing Hook Set | 3 pcs.

- S-shaped hooks e. g. for loosening rotary shaft seals
- 90° hooks e. g. for loosening O-rings
- small hook tool

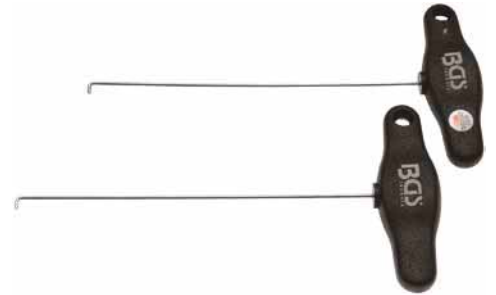
Item #
8405



Hook Set for Disassembly of Mercedes Dashboards | 2 pcs.

- suitable for many Mercedes Benz models: W107, W116, W123, W124, W126, W140 and W210
- for easy removal of the instrument panel
- made from stainless steel

Item #
69510



Pipe Wrench | for Mercedes-Benz W204 bumpers | 6.3 mm (1/4")

6.3 mm 1/4"

- 10 mm hexagon pipe wrench
- length: 160 mm
- surface finish: chrome-plated

Item #
8479



Lead Perlon Cable | 15 m x 3 mm

- for installing antenna cables etc.

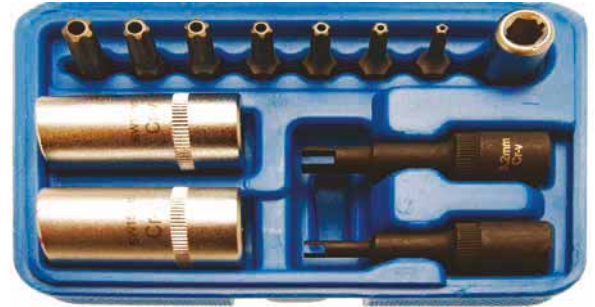
Item #
1990



Air Conditioner Tool Set

- contains all tools for fittings on air conditioning systems
- a useful supplement for BGS 8036
- special sockets for 2.2 and 3.2 mm fixed throttles
- 2 special 8-pt. sockets 12 and 15 mm, 6.3 mm (1/4") drive
- bits for loosening e.g. TS-star flanges (for Torx Plus): TS10, TS15, TS20, TS25, TS27, TS30 and TS40

Item #
2275



Sliding Hammer for Air Condition Dryer Units

- allows easy disassembly of the dryer housing cap
- is required during renewing of the dryer cartridge
- suitable for cover with M5 female thread

Item #
9061



Radiator Pressure and Cooling System Tester | Refilling System included | 28 pcs.

- suitable for all standard vehicles
- measuring range: 0 - 2.5 bar
- same parts as in BGS 8027 and additionally adaptors for following cars:
 - Mercedes-Benz A-class
 - BMW E60, E63, E64, E65
 - VW Sharan 1.8, 2.8
 - Toyota RAV 4, Previa
- also contains an additional alternator maintenance kit for cleaning the alternator and refilling cooling liquid

Item #	Description
8098	Radiator Pressure and Cooling System Tester Refilling System included 28 pcs.
8098-1	Cooling System Charger
8098-2	Rubber Adaptor for BGS 8098
8098-3	Replacement Hose for BGS 8098
8098-20	Adaptor 20 for BGS 8027, 8098 for Saab Ecopower
8098-21	Adaptor 21 for BGS 8027, 8098 for Fiat, Opel, Saab
8098-22	Adaptor 22 for BGS 8027, 8098 for BMW
8098-LEER	Empty Case for BGS 8098



Radiator Pressure and Cooling System Tester, Refilling System included | 18 pcs.

- suitable for all standard vehicles
- measuring range: 0 - 2.5 bar, accuracy +/- 2 %
- contents as per table below

Item #	Description
8027	Radiator Pressure and Cooling System Tester 18 pcs.
8027-LEER	Empty Case for BGS 8027
8027-1	Pump for BGS 8027, 8098
8027-2	Thermometer for BGS 8027, 8098
8027-3	Adaptor No. 3 for BGS 8027, 8098 for Buick, Chevrolet, Chrysler, Dodge, Jeep, Mercedes-Benz, Oldsmobile, Pontiac
8027-4	Adaptor No. 4 for BGS 8027, 8098 for Ford, Honda, Hyundai, Lexus, Mazda, Mercedes-Benz, Mitsubishi, Nissan, Peugeot, Subaru, Suzuki, Toyota
8027-5	Adaptor No. 5 for BGS 8027, 8098 for Acura, Chevrolet, Dodge, Eagle, Honda, Isuzu, Lexus, Mercedes-Benz, Mitsubishi, Suzuki, Toyota
8027-6	Adaptor No. 6 for BGS 8027, 8098 for Daewoo, Ford, Jaguar, Jeep, Land Rover, Mercedes-Benz, Pontiac, Porsche, Saab
8027-7	Adaptor No. 7 for BGS 8027, 8098 for Alfa Romeo, Citroën, Fiat, Mini, Peugeot, Renault, Saab
8027-8	Adaptor No. 8 for BGS 8027, 8098 for VW
8027-9	Adaptor No. 9 for BGS 8027, 8098 for Audi, BMW, Porsche, VW
8027-10	Adaptor No. 10 for BGS 8027, 8098 for BMW
8027-11	Adaptor No. 11 for BGS 8027, 8098 for Audi, VW
8027-12	Adaptor No. 12 for BGS 8027, 8098 for Ford Mondeo, Land Rover, Opel, Ssangyong
8027-13	Adaptor No. 13 for BGS 8027, 8098 for Chrysler, Mercedes-Benz
8027-14	Adaptor No. 14 for BGS 8027, 8098 for Ford
8027-15	Adaptor No. 15 for BGS 8027, 8098 for Ford, Mazda
8027-16	Adaptor No. 16 for BGS 8027, 8098 for Mercedes-Benz
8027-17	Adaptor No. 17 for BGS 8027, 8098 for BMW
8027-18	Adaptor No. 18 for BGS 8027, 8098 for VW
8027-19	Adaptor No. 19 for BGS 8027, 8098 for Toyota
8027-30	Connector R123, R124 for BGS 8027, 8098 black
8027-31	Connector R123/R125 for BGS 8027, 8098 blue
8027-32	Plastic Wrench for BGS 8027, 8098
8027-33	Hose for Item 8027, 8098



Cooling System Bleeding and Filling Tool | 6 pcs.

- for the straight forward bubble-free filling of coolant systems, at the same time testing for leaks by negative pressure
- universal version with quick-action coupling
- gauge with rubber protection (accuracy +/- 2 %)
- rubber head adjusts to nearly all car types
- cone adaptor diameter: 15 to 44 mm

Item #	Description
1773	Cooling System Bleeding and Filling Tool 6 pcs.
1773-3	Test Adaptor with Dial Gauge for BGS 1773



Cooling System Bleeding and Filling Tool | 6 pcs.

- for simple refilling and bleeding of cooling systems by negative pressure
- safe filling of all hollow space
- allows a vacuum tightness test on the cooling system
- with adaptor for most car types
- suitable for most radiators / expansion tanks
- 1 main device
- 1 filling valve
- 1 extension hose
- 1 cone adaptor
- 2 expansion cones



Item #
9502

Universal Radiator Test Set | 5 pcs.

- for pressure tests of cooling systems to find leakages
- 4 expanding cone adaptors, no additional expensive adaptors needed
- suitable for most vehicles
- dimensions of the cone adaptors min. / max.:
 - 17 mm - 24,0 mm
 - 28 mm - 31,5 mm
 - 37 mm - 39,5 mm
 - 47 mm - 48,5 mm
- pump with colour-coded gauge 0 - 2.4 bar (0 - 35 psi), quick coupler and pressure release valve



Item #
8096

Universal Cooling System Test Adapter

- for quick adaptation
- spreading rubber suitable for 30 - 35 mm openings
- including 3 rubber adapter rings for 35-40, 40-45, and 45-50 mm openings
- fits on BGS 8027, 8027-1 and 8098
- made of anodised aluminium

Item #	Description
8599	Universal Cooling System Test Adapter 30 - 50 mm
8599-1	Rubber for Universal Cooling System Test Adapter 35 - 40 mm
8599-2	Rubber for Universal Cooling System Test Adapter 40 - 45 mm
8599-3	Rubber for Universal Cooling System Test Adapter 45 - 50 mm



Universal Coolant Filling Set | 7 pcs.

- quick, clean and easy way to fill cooling system during the bleeding process
- versatile, suitable for many reservoir types
- with shut-off valve
- adaptor Ø 31 - 35 - 40 and 45 mm



Item #
8627

Refractometer

- optical tester with various functions:
 - testing of density of battery acid: 1.1 to 1.4 kg/l
 - testing of coolant water anti-freeze (subdivides into ethylene and propylene): 0 ° to -50 ° C
 - testing ethanol and alcohol-based (SRF1) screen washer fluids: 0 ° to -40 ° C
 - testing urea AdBlue® (AUS32)
- adjustable ocular
- precision +/- 5 %
- in storage box
- refractometer
- pipette
- adjustment screwdriver
- microfibre cloth



Item #	Description
1824	Refractometer
1824-1	Replacement Flap for Refractometer from BGS 1824

Exhaust Pipe Expander Set | 3 pcs.

- for expanding of previously heated pipes
- allows the installation of new exhaust pipes on old exhaust parts
- expander 1, spreading width range from 31 to 44 mm
- expander 2, spreading width range from 39 to 61 mm
- expander 3, spreading width range from 54 to 87 mm

Item #	Description
129	Exhaust Pipe Expander Set 3 pcs.
127	Exhaust Pipe Expander 31 - 44 mm
120	Exhaust Pipe Expander 39 - 61 mm
128	Exhaust Pipe Expander 54 - 87 mm



Ratcheting Tube Cutter for Exhaust Pipes | 28 - 67 mm

- fits pipes Ø 28 - 67 mm
- cutting depth 3 mm
- ratchet has 60 teeth, 6° between each click

Item #	Description
66250	Ratcheting Tube Cutter for Exhaust Pipes 28 - 67 mm
66251	Replacement Axle for Cutting Wheel for BGS 66250
66255	Standard cutting wheel for BGS 66250
66250-1	Stainless Steel Cutting Wheel for BGS 66250



Chain Pipe Cutter | 250 mm

- for cutting tubes made of steel, copper, PVC and aluminum up to a diameter of about 85 mm
- re-adjustable during cutting action via butterfly nut
- chain length: 250 mm



Item #	Description
134	Chain Pipe Cutter with HSS Chain 250 mm
130	Spare Chain for Pipe Cutter BGS 134
133	Chain Pipe Cutter 250 mm
133-Kette	Spare Chain for Pipe Cutter for BGS 133



Impact Oxygen Sensor Loosening Wrench

- for loosening of oxygen sensors
- suitable for e. g. air hammer BGS 3515
- 10 mm shank diameter
- suitable for oxygen sensors with hexagonal profile, 22 mm

Item #
8791



Oxygen Sensor Socket Set | 14 pcs.

12.5 \square 1/2

- oxygen sensor socket, 12,5 mm (1/2") drive, 30 mm, 12-point, length 80 mm: for Bosch, General motors, Mercedes-Benz
- oxygen sensor socket, 12,5 mm (1/2") drive, 27 mm, hexagon, length 80 mm: for all types of cars
- oxygen sensor socket, 12,5 mm (1/2") drive, 28 mm, 12-point, length 80 mm: for Volvo, Scania, HGV
- oxygen sensor socket, 12,5 mm (1/2") drive, 21 mm, 12-point, length 85 mm: for Ford, VAG
- oxygen sensor socket, 12,5 mm (1/2") drive, 27 mm, 12-point, length 85 mm: for BMW, Fiat, Ford, Peugeot
- oxygen sensor socket, 12,5 mm (1/2") drive, 22 mm, 12-point, length 80 mm: for all types of cars
- oxygen sensor socket, 12,5 mm (1/2") drive, 27 mm, 12-point, length 110 mm: for PSA
- oxygen sensor socket, 12,5 mm (1/2") drive, 22 mm, 12-point, length 110 mm: for Audi, BMW, Mercedes-Benz, VW, Volvo
- oxygen sensor socket, 12,5 mm (1/2") drive, 22 mm, 12-point, length 150 mm: for BMW
- oxygen sensor socket, 12,5 mm (1/2") drive, 20 mm, hexagon, length 80 mm, slotted: for all types of cars
- oxygen sensor socket, 12,5 mm (1/2") drive, 19 mm, 12-point, length 80 mm: for VW, Audi, Seat
- oxygen sensor socket, 12,5 mm (1/2") drive, 17 mm, 12-point, length 80 mm: for BMW, Mercedes-Benz, Renault
- oxygen sensor socket, 12,5 mm (1/2") drive, 22 mm, 12-point, length 50 mm, offset drive: for all types of cars
- oxygen sensor socket, 10 mm (3/8") drive, 22 mm, hexagon, length 30 mm, offset drive: for all types of cars



Item #
1149



Oxygen Sensor Socket Set | 7 pcs.

10 \square 3/8 12.5 \square 1/2

- for assembly of oxygen sensors, radiator thermo switches and diesel injection nozzles
- 29 x 90 mm, 12,5 mm (1/2") drive, slot 7 mm
- 22 x 90 mm, 10 mm (3/8") drive, slot 20 mm
- 22 x 74 mm, 10 mm (3/8") drive
- 27 x 78 mm 12-point, 12,5 mm (1/2") drive, window 28 mm
- 22 x 80 mm, 10 mm (3/8") drive, slot 9 mm
- 22 mm offset, 10 mm (3/8") drive, slot 8 mm
- 22 mm offset, 12,5 mm (1/2") double-4-point drive, slot 11 mm

Item #	Description
1140	Oxygen Sensor Socket Set 7 pcs.
1140-22	Oxygen Sensor Socket angled 12.5 mm (1/2") double 4-point Drive 22 mm 11 mm slot
1140-27	Oxygen Sensor Socket 12.5 mm (1/2") Drive 27 mm 12-point, 28 mm window
1148	Oxygen Sensor Socket 10 mm (3/8") Drive 22 mm x 90 mm 20 mm slot
1140-LEER	Empty Case for BGS 1140



Oxygen Sensor Socket | 12.5 mm (1/2") Drive | 22 mm

12.5  1/2

- deep and slotted finish
- wrench size: 22 mm
- length: 90 mm

Item #
1138



Socket for Oxygen Sensor | 10 mm (3/8") Drive | 22 mm

10  3/8

- wrench size: 22 mm

Item #
1139



Oxygen Sensor Socket | 12.5 mm (1/2") Drive | 22 mm

12.5  1/2

- slot width 13 mm
- slot length 115 mm
- wrench size: 22 mm
- length: 150 mm
- outside diameter: 30 mm

Item #
1173



Thermo Switch Socket | 12.5 mm (1/2") Drive | 29 mm

12.5  1/2

- extra deep, slotted finish
- socket size 29 mm for VW and Audi
- no damage of the thermo switch
- length: 78 mm
- surface finish: black burnished

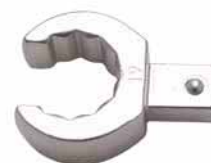
Item #
2537



Special Spanner for Exhaust Gas Temperature Sensor | 19 mm | for VAG | 3 pcs.

- for disassembly / assembly of exhaust gas temperature sensors
- suitable for e.g. following VAG engines: 1.8l TFSI - 2.0l TFSI - 2.0l FSI - 1.6l CRTdi - 2.0l Common Rail
- wrench size: 19 mm
- to be used as OEM T10395/8.../10

Item #
8984



Exhaust Gas Recirculation Valve Disassembly Tool | for Hyundai and Kia

- for destruction-free dismantling of EGR / AGR valves
- sliding hammer with special claw
- suitable for Hyundai / KIA 2.0 & 2.2L diesel R engines installed in the Hyundai Tucson (as from 2009), ix35 (as from 2009), Santa Fe (as from 2009), Maxcruz (as from 2009) and KIA Sportage (R) (as from 2010), Sorento (R) (as from 2010), Carnival (as from 2010)



Item #
9472

Exhaust Pipe Spring Compressor | for VAG

- for VAG



Item #
1142



Exhaust Clamp Pliers | 305 mm

- for expanding of exhaust pipe clamps when changing the exhaust pipe
- suitable for: Citroen, Peugeot and Renault etc.
- 4 locking positions for easy working
- opening width: 20 - 60 mm



Item #
8250



Exhaust Pipe Hook

- for removing rubber straps on the exhaust system
- hook diameter: 6 mm
- length: 300 mm
- surface finish: chrome plated

Item #
121



Exhaust Rubber Hook Set | 2 pcs.

- for removing and mounting of exhaust rubbers
- dip coated T-handless

Item #
8440



Exhaust Pipe Rubber Ejection Pliers | 285 mm

- facilitates removal of rubber hangers
- 25° opening angle for easy operation

Item #
8256



Exhaust Pipe Rubber Ejection Pliers | 360 mm

- simplifies the removal of exhaust pipe rubbers
- heavy version
- especially suitable for vans and big cars
- with self-centering movable pin

Item #
8258



Diesel Injector Removal Kit | 10 pcs.

- for pulling out hard to remove diesel injectors
- to be used with optional sliding hammers BGS 7772-2, 7772, 7776
- 6 adaptors for installation in the injector thread:
 - inside thread M20x1.5 to inside thread M14x1.0
 - inside thread M20x1.5 to external screw thread M17x1.0
 - inside thread M20x1.5 to external screw thread M18x1.5
 - inside thread M20x1.5 to external screw thread M20x1.0
 - inside thread M20x1.5 to external screw thread M25x1.0
 - inside thread M20x1.5 to external screw thread M27x1.0
- 3 pulling claws with inside thread M18x1.5 and claw width 12, 13 and 16 mm
- ball head adaptor M18x1.5 to M18x1.5
- 10 mm internal hexagon bit socket with hole for the disassembly of the ring nut of the nozzle needle

Item #
7777



Injector Puller Hook

- for removing hard to remove injectors
- M18 x 1.5 female thread

- **BGS 7777-1**
 - jaw distance: 12 mm (inside)
 - jaw height: 17 mm
 - 75 mm inner distance between claw and the connection of the sliding hammer
- **BGS 7777-2**
 - jaw distance: 13 mm (inside)
 - jaw height: 15 mm
 - 96 mm inner distance between claw and the connection of the sliding hammer
- **BGS 7777-3**
 - jaw distance: 16 mm (inside)
 - jaw height: 15 mm
 - 96 mm inner distance between claw and the connection of the sliding hammer



Item #	Description
7777-1	Injector Puller Hook 12 mm
7777-2	Injector Puller Hook 13 mm
7777-3	Injector Puller Hook 16 mm

Ball Joint Adapter | M18 x 1.5

- suitable for following tools:
 - injector puller hook BGS 7777-1, 7777-2, 7777-3
 - universal puller BGS 7777-5
- internal screw thread M18 x 1.5 of external screw hook thread M18 x 1.5



Item #
7777-4

Pulling Hook, Heavy Duty Type, for Sliding Hammer | for BGS 7772, 7772-2, 7776

- for pulling out ball joints from the wheel bearing housing, straightening work on car bodies, etc.
- hook dimensions: approx. 170 x 140 x 30 mm
- M18 x 1.5 internal thread
- when using the slide hammer BGS 7772, 7772-2, 7776 the adaptor BGS 7771-1 (M18 x 1.5 outside to M20 x 1.5 inside) is required
- we recommend using the ball joint adapter BGS 7777-4



Item #
7777-5

Injector Removal Hook & Adaptor Set

- for easier removal of stubborn injectors with a sliding hammer
 - suitable for e. g., Common Rail injectors in the following vehicles:
 - Citroen C5 / Jumpy / Xsara, Opel, Renault F9Q
 - Fiat Ducato JTD
 - Peugeot 206 / 307 / 406 / Boxer (2.0 / 2.2 / 2.3 HDI)
 - Mercedes-Benz CDI (not A-class / Sprinter / Vito)
- 4 adaptors for attaching to the external injector thread
 - inner thread M25x0.50 to inner thread M18x1.5
 - inner thread M25x0.75 to inner thread M18x1.5
 - inner thread M27x1.00 to inner thread M18x1.5
 - inner thread M16x1.50 to inner thread M18x1.5
- 4 hooks for attaching to the injector body, claw width: 12 / 13,5 / 16 / 26 mm inner thread M18x1.5 for connecting a sliding hammer
- 1 sliding hammer adaptor, inner thread M20x1.5 to outer thread M18x1.5 for attaching the dismantling hooks & adaptors to BGS sliding hammers (BGS 7772, 7772-2, 7776)



Item #		1/3
9457		

Injector Removal Kit | 6 pcs.

- for pulling out stuck common rail injectors
- adaptor inside thread M20 x 1.5 to inside thread M14 x 1.5
- adaptor inside thread M20 x 1.5 to external screw thread M17 x 1.0
- adaptor inside thread M20 x 1.5 to external screw thread M20 x 1.0
- adaptor inside thread M20 x 1.5 to external screw thread M25 x 1.0
- adaptor inside thread M20 x 1.5 to external screw thread M27 x 1.0
- 10 mm internal hexagon bit socket with hole for retaining ring of injector needle



Item #	Description
7771	Injector Removal Kit 6 pcs.
7771-1	Thread Adaptor M20 x 1.5 for BGS 7772
7771-6	Disassembly Adaptor from BGS 7771 M14 x M20 x 39 mm
7771-2	Disassembly Adaptor from BGS 7771 M17 x M20 x 52 mm
7771-3	Disassembly Adaptor from BGS 7771 M20 x M20 x 49 mm
7771-4	Disassembly Adaptor from BGS 7771 M25 x M20 x 41 mm
7771-5	Disassembly Adaptor from BGS 7771 M27 x M20 x 41 mm



Injector Socket | 12.5 mm (1/2") Drive | Internal Hexagon 10 mm

12.5 1/2"

- for loosening of the retaining ring of injectors
- is needed for injector disassembly
- with 7.5 mm bore



Item #	
4478	



Diesel Injector Puller Tool | 3 pcs.

- suitable for Mercedes-Benz CDI engines, series OM611, OM612, OM613
- sliding hammer (1.85 kg, length: 470 mm)
- thread adaptor for mounting on the injector internal thread M27 x 1.0 (injector side), internal thread M16 x 1.5 (sliding hammer side)
- extractor claw: M16 x 1.5 female thread (sliding hammer side), 12.2 mm claw distance / 15.5 mm claw height, 75 mm distance from connector of sliding hammer to extractor claw, 113 mm total height of extractor claw
- total length with threaded adaptor 500 mm
- total length with 570 mm claw



Item #	Description
62005	Diesel Injector Puller Tool 3 pcs.
62005-1	Injector Disassembly Claw

CDI Injector Extractor Set | 8 pcs.

- extra short, only 225 mm
- suitable for e.g. Bosch injectors built in BMW, Mercedes-Benz CDI engines OM 611, 612, 613 etc.
- total length: 350 mm injector pulling claw, 13 mm pulling claw opening with internal thread M12 x 1.75
- injector tension bolt with external thread M17 x 1.0 & external thread M14 x 1.5 for ball joint adapter
- injector sleeve with internal thread M27 x 1.0 & male thread M14x1.5 for ball joint adapter
- adapter with external thread M12 x 1.75 for pull claw & external thread M10 x 1.5 for slide hammer
- adapter with external thread M12 x 1.75 for pull claw & external thread M14 x 1.5 for ball joint adapter
- ball joint adapter with internal thread M14 x 1.5 for pulling claw / tension bolt / tension sleeve & external thread M10 x 1.5 for slide hammer
- sliding hammer sliding bolt, Ø 14 mm with internal thread M10 x 1.5 for adapters
- ball joint adapter & male thread M14 x 1.5 for handle
- handle length 74 mm, Ø 26 mm with internal thread M14 x 1.5
- sliding hammer weight 1730g with 14 mm bore



Item #	Description
62635	CDI Injector Extractor Set 8 pcs.
62635-1	Injector Disassembly Claw for BGS 62635
62635-2	Adaptor for BGS 62635 M27 x 1.0
62635-3	Ball Joint Adaptor for BGS 62635 M10 x M14

Injector Socket Set | 4 pcs.

- for removing the electrical unit of injectors
- deep sockets with wide cut-out
- fits the most popular injectors in modern vehicles
- sizes: 25 - 27 - 29 and 30 mm



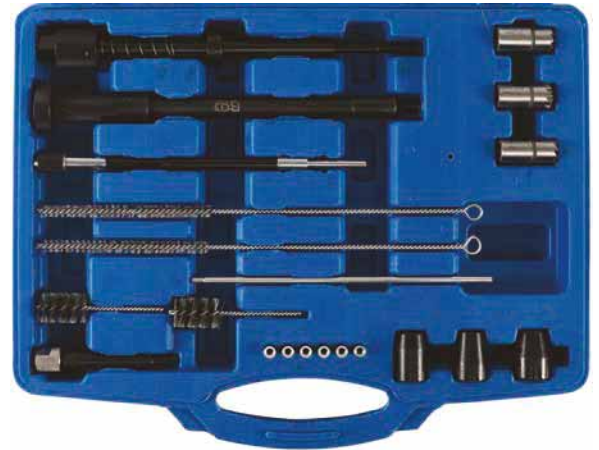
Item #
8351



Injector Seat and Shaft Cleaning Set

- for cleaning of the injectors seats and glow plugs shafts
- 4 cleaning brushes
- brush holder
- 3 injector seat cutters
- cutter guide
- seal puller
- brush holder extension

Item #
8723



Injector Sealing Surfaces Cutter Set | 9 pcs.

- milling cutter made of HSS steel
- for cleaning the sealing seats on the cylinder head or on the injector
- 1 universal milling cutter for injectors 15 x 19 mm
- 1 milling cutter 17 x 17 mm for BMW, PSA, Renault, Ford, Delphi and Bosch injectors
- 1 milling cutter 17 x 17 mm for Mercedes-Benz CDI
- 1 milling cutter 17 x 19 mm for Bosch injectors in Mercedes-Benz CRD
- 1 angled milling cutter 17 x 21 mm for FIAT and IVECO
- 1 injector seat cleaner 19 mm with external hexagon 19 mm
- 1 guide pin with external hexagon 19 mm, length: 172 mm
- 1 socket with T-handle, hexagon | 19 mm, length: 160 mm
- 1 L-type wrench, internal hexagon 2.5 mm

Item #
62604



Injector Sealing Cutter Set for CDI engines | 5 pcs.

- for reworking the injector seat when removing the injectors
- 19 mm external hexagon pilot
- 15 x 19 mm reamer fits various makes and models
- 17 x 17 mm reamer fits BMW, PSA, Renault
- 17 x 19 mm reamer fits for Mercedes-Benz CDI
- 17 x 21 mm offset reamer fits for Fiat, Iveco

Item #
62605



Grinder for 15 mm Injector Nozzle Face Cleaner

- suitable for Mercedes-Benz CDI
- for cleaning nozzle face area and nozzle chamber before changing/ replacing the injection nozzle or if nozzle has a leak
- turn manually and apply soft pressure for clean fit of the cylinder head and the nozzle and for cleaning the nozzle chamber
- can also be used with 13 / 17 mm sockets
- 15.5 mm grinding head diameter for nozzle shaft and fitting the nozzle in the cylinder head
- grinder length: 230 mm
- 20.0 mm grinding head diameter for nozzle cleaning at the nozzle
- length of grinding head is 35 mm



Item #
62606

Diesel Nozzle Extractor for Bosch and Lucas

- facilitates the extraction of diesel nozzles
- suitable for e.g. Bosch and Lucas nozzles with internal thread M8 x 0.75 and M12 x 1.5 / external screw thread M14 x 1.5
- length: 230 mm
- weight: 1000 g



Item #
8571

Special Wrench for Injection Lines | for BMW | 12.5 mm (1/2") Drive

- facilitates the disassembly / assembly of Diesel injection pipes on injectors and other pipe fittings
- includes special wrenches for the following injection pipes, for example:
 - 14 mm for BMW
 - 17 mm for BMW, Opel 2.5TD, Mercedes-Benz
 - 19 mm for Mercedes-Benz
- 12.5 mm (1/2") drive
- length: 119 mm
- satin chrome plated
- on socket rail



Item #	Description
8450	Pipe Wrench Set, open 12.5 mm (1/2") Drive 14 - 17 - 19 mm
8433	Special Wrench for Injection Lines for BMW 12.5 mm (1/2") Drive 14 mm
8432	Special Wrench for Injection Lines for BMW, Opel 2.5TD, Mercedes-Benz 10 mm (3/8") Drive 17 mm
8434	Special Wrench for Injection Lines for BMW, Opel 2.5TD, Mercedes-Benz 12,5 mm (1/2") Drive 17 mm
8435	Special Wrench for Injection Lines for Mercedes-Benz Drive 12.5 mm (1/2") 19 mm

