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TOOLS

Popular and useful helpers for everyday problems in the repair or repair of vehicles.

SOCKET WRENCH SUCTION PIPE FITTING



item number:

Steckschlüssel Oktalobe 10 mm (400199 1)

- Required for quick, easy and professional loosening and tightening of the suction pipe fastening screw with Ribe-like 8-rib profile
- · Suitable for:
- turbocharger / suction pipe fitting
- Mercedes 1.6 2.0 diesel engine
- Renault 1.6 2.0 diesel engine
- Opel 1.6 2.0 diesel engine
- · Technical data:
- Size: 10 mm (Oktalobe 8-rib profile)
- Length: 100 mm with end section
- Drive: 3/8" with ball stop groove

BALL JOINT BI-HEX SOCKET FOR MERCEDES BENZ



item number:

Steckschlüssel_12kant (400198_1)

DESCRIPTION

- For quick, easy and professional loosening and tightening of the supporting joint flat nut
- The special design of the socket wrench allows the supporting joint pin to be held in place when the nut is loosened or tightened, and it allows the use of a 1/2" screwdriver
- The socket wrench specially adapted to the nut engages frictionally in the nut profile
- Slipping is impossible and the high tightening torque (up to 250 Nm) can be applied and transmitted precisely
- Technical data:
- Size: 43 mm (tip to tip, nut)
- Height: 50 mm
- Drive: size 30 / ½"
- Suitable for the following series:
 - 167: GLE and GLS: front and rear axle (nut > supporting joint on wheel carrier)
- 205: C-Class 4Matic and AMG models (Saloon, Estate, Coupé and Cabriolet)(Nut > spring link on steering knuckle)
- 213: E-Class 4Matic and AMG (Saloon, Estate); Front axle (nut > spring control arm on steering knuckle)
- 238: E-Class 4Matic and AMG (Coupé, Cabriolet); Front axle (nut > spring control arm on steering knuckle)
- 253: GLC AMG and GLC Coupé; Front axle (nut > spring control arm on steering knuckle)
- 257: CLS AMG Coupé; Front axle (nut > spring link on the steering knuckle)

BRAKE LINE BENDING PLIERS (4,75 MM)



item number:

BBZ_01 (400090_1)

- For fast, safe and profesional bending of brake lines
- Doesn't change the diameter of the pipe
- Universally suitable for plastic, steel and copper coated brake lines with 4.75 mm diameter
- Patented and high-quality processed cable bending pliers for space-saving work
- Front-mounted rollers allow working in confined areas
- The bending process is carried out rolling around the line

INDUSTRIAL CLEANING WIPES



item number:

Turbo Wipes (399999_1)

DESCRIPTION

- Turbo Wipes are specially developed, surface active cleaning wipes with selected ingredients that remove easily and quickly residues from permant marker, colours, fats, oils, soot, nicotine and other dirt from painted surfaces, glass, ceramic, metal tiles and walls.
- Turbo Wipes are suitable for all surfaces and are free of CHC and aromatic compounts. On sensitive surfaces the compatibility must be checked beforehand!
- Not suitable for goggles, smartphone, tablets, etc.
- · Removes easily and quickly:
- Silicon, glue
- Bitumen, PU foam
- Fats, oils, resins
- · Colores, toner
- Soot residues
- and much more
- double side use
- Application on smooth surfaces, painted surfaces, metal, plastic, fabric, etc.
- Size: 18 cm * 19 cm

SCOPE OF DELIVERY

40 wet cloths in stable plastic dispenser

INDUSTRIAL CLEANING WIPES - ANTIBACTERIAL



item number:

Turbo Wipes AB (399999 1)

DESCRIPTION

 Turbo Wipes are specially developed, surface active cleaning wipes with selected ingredients that remove easily and quickly residues from permant marker, colours, fats, oils, soot, nicotine and other dirt from painted surfaces, glass, ceramic, metal tiles and walls.

- Antibacterial
- Turbo Wipes are suitable for all surfaces and are free of CHC and aromatic compounts. On sensitive surfaces the compatibility must be checked beforehand!
- Not suitable for goggles, smartphone, tablets, etc.
- Removes easily and quickly:
- Silicon, glue
- Bitumen, PU foam
- Fats, oils, resins
- Colores, toner
- Soot residues
- and much more
- double side use
- Application on smooth surfaces, painted surfaces, metal, plastic, fabric, etc.
- Size: 18 cm * 19 cm

SCOPE OF DELIVERY

40 wet cloths in stable plastic dispenser

WIPER ARM PULLER



item number:

WAA 01_LR (400146_1)

- Precise application of force during the removal process, ensures that the wiper arm is removed gently and prevents damage to the body and the wiper arm.
- Wiper arms must be removed
- before removing the front window
- if the wiper arms are damaged
- if the wiper motor fails
- before removing the plenum chamber cover
- before removing the air duct cladding
- in the event of damage from a car wash
- Features WAA 01
- Pull-off fork for gentle removal of the wiper arms
- robust spindle, M12 x 60
- Counterholder SW 19, nut SW17
- clean and guick removal of the wiper arms
- narrow construction
- 3-stage clamping heights 34, 21, 10 mm
- Span 28... 34 mm (diameter of the support)
- For rear wiper arms

SERVICE ACCEPTANCE KIT



item number:

AK 02_LR (011802_1)

DESCRIPTION

- Today's vehicle owner is critical and wants to be convinced. Everything that the workshop employee can show, explain and justify in the context of vehicle acceptance in the form of defects / wear and tear, maintenance and useful accessories, he usually accepts and the operation takes in the form of sales. Same success when telephoning later? Difficult!
- With the mobile service acceptance kit AK 02_LR in a practical plastic case, we address all
 employees in service acceptance / service advice, both from independent and branded
 specialist workshops.
- The AK 02_LR offers you various measuring and testing tools to quickly get a picture of many relevant measured variables and gives you the opportunity to offer and sell your customers a comprehensive service:
- Frost protection and AdBlue®*-concentration
- Quality of the brake fluid (braking effect)
- Tire tread depth
- Wiper nozzle setting device
 - *AdBlue® is a registered trademark of the VDA, Verband der Deutschen Automobilindustrie e.V.

SCOPE OF DELIVERY

- Refractometer FT 2030 for coolant additives, battery acid, windscreen washer fluid, AdBlue®
- Brake fluid tester EBT 01 with 50 ml sample container and extraction pipette
- High quality tire profile measuring device made of brass
- Wiper nozzle setting device with telescopic magnetic lifter
- Sturdy case with CNC-milled foam insert

WIPER ARM PULLER

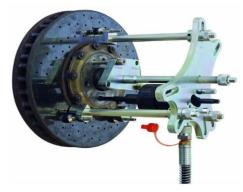


item number : WAA 02_LR (400147_1)

- Precise application of force during the removal process, ensures that the wiper arm is removed gently and prevents damage to the body and the wiper arm.
- Wiper arms must be removed

- before removing the front window
- · if the wiper arms are damaged
- if the wiper motor fails
- before removing the plenum chamber cover
- · before removing the air duct cladding
- in the event of damage from a car wash
- Features WAA 01
- · Pull-off fork for gentle removal of the wiper arms
- robust spindle, M12 x 60
- Counterholder SW 19, nut SW17
- · clean and quick removal of the wiper arms
- narrow construction
- 3-stage clamping heights 34, 21, 10 mm
- Span 28... 34 mm (diameter of the support)
- For rear wiper arms

BRAKE DISC PULLER FOR CERAMIC BRAKE DISCS



item number:

BSAK_01

DESCRIPTION

- Universally suitable for ceramic brake discs, e.g. from Mercedes, Porsche, Audi, etc.
- For professional and gentle dismantling of stuck ceramic brake discs.
- Required, for example, when changing the wheel bearings, axle sleeves or defective chassis components.
- Ceramic brake discs are extremely wear-resistant and therefore rarely need to be replaced.
 Unprofessional dismantling can damage and thus premature replacement of the mostly expensive ceramic brake discs.
- Gentle dismantling:
- without punches
- without damaging the brake disc
- no hairline cracks

SCOPE OF DELIVERY

- Brake disc puller (for central screw & 5-hole attachment)
- Hydraulic cylinder 17t short
- Hydraulic pump with pressure gauge
- Seat belt

STEERING WHEEL PROTECTION



item number:

LES 01 (130504)

DESCRIPTION

- Steering wheel protection, ideal for service jobs. Fits for steering wheels in all sizes due to an alround-elastic.
- Material: blue cotton, solid tearproof.
- Washable protects the environment.

SCOPE OF DELIVERY

Supplied in PVC-bag.

MUDGUARD PROTECTION



item number: KS 01 (130501)

DESCRIPTION

- Mudguard protection, ideal for service jobs.
- Optimal fit with wheel cut-out, fixed by means of texile-covered magnets.
- Material: textile-covered artificial leather, washable.
- Supplied in PVC-bag.

AERO WIPER TESTING AND ADJUSTING TOOL, BASIC EQUIPMENT



item number:

AWPE 03 (180103_1)

- Basic equipment that can be supplemented with additional adapters or setting tools
- For angle measurement, the wiper blade is removed and the adapter is connected to the wiper arm
- The various adapters provide a precise connection to the angle measurement device. Jigs are available for all wiper arm types, e.g. Bosch, Valeo, SWF etc.;
- What makes these new wiper systems so special is that no force may be introduced via the wiper blade jig to correct the angle. The setting tools, depending on the type of wiper arm, always consist of two equal parts: adjustment tool and counterholder
- Angle measurement and angle adjustment can be done simultaneously
- The contact pressure of the wiper arm to the window is ~10 Newtons. Tolerance ± approx.
 1 N. If the contact pressure of the spring is less than 10 N, an optimal wiping result is not possible. The spring or the complete wiper arm must be replaced in this case.

SCOPE OF DELIVERY

- 1 angle measuring unit (AWPE-WE)
- 1 wiper blade jig (AWPEA-B)
- 2 adjusting tools (AWPE-Z4)
- supplied in a solid plastic case

EQUIPMENT

- AWPE-WE (180201_1) Angle measuring unit for determining the positioning angle on the wiper arm;
- AWPEA-B (180202_1) Adapter B for mounting the angle measuring unit on the wiper arm
- AWPEA-C (180203_1) Adapter C for mounting the angle measuring unit on the wiper arm
- AWPEA-D (180204_1) Adapter D for mounting the angle measuring unit on the wiper arm Setting tools:
- AWPEE-Z4 (180220_1) Setting tool (1 pc.)
- AWPEE-TU (180221_1) Set of setting tools T (M6) and U (M6), Porsche Cayenne
- AWPEE-XY (180228_1) Set of setting tools X (M8) and Y (M8), MB C-Class
- AWPE-M5 (180230) Lever jig with thread M5 (2 pcs.)
- AWPE-M6 (180231) Lever jig with thread M6 (2 pcs.)
- AWPE-M8 (180232) Lever jig with thread M8 (2 pcs.)
- AWPE-M-Set (180233) Lever jigs M5, M6, M8 (2 pcs. each)

AERO WIPER TESTING AND ADJUSTING TOOL, AUGMENTED VERSION



item number:

AWPE 04 (180104_1)

- In addition to the basic equipment, a further wiper blade jig (AWPEA-C) and 3 pairs of lever jigs with M5, M6 and M8 thread are available for fastening the various wiper blade adapters
- For angle measurement, the wiper blade is removed and the adapter is connected to the wiper arm
- The various adapters provide a precise connection to the angle measurement device
- Jigs are available for all wiper arm types, e.g. Bosch, Valeo, SWF etc.
- What makes these new wiper systems so special is that no force may be introduced via the wiper blade jig to correct the angle. The setting tools, depending on the type of wiper arm, always consist of two equal parts: adjustment tool and counterholder
- Angle measurement and angle adjustment can be done simultaneously
- The contact pressure of the wiper arm to the window is ~10 Newtons. Tolerance ± approx.
 1 N. If the contact pressure of the spring is less than 10 N, an optimal wiping result is not possible. The spring or the complete wiper arm must be replaced in this case.
 SCOPE OF DELIVERY
- 1 angle measuring unit (AWPE-WE)
- 1 wiper blade jig (AWPEA-B)
- 1 wiper blade jig (AWPEA-C)
- 2 adjusting tools (AWPEE-Z4)
- 2 lever jigs (AWPE-M5)
- 2 lever jigs (AWPE M6)
- 2 lever jigs (AWPE-M8)
- supplied in a solid plastic case

EQUIPMENT

- AWPE-WE (180201_1) Angle measuring unit for determining the positioning angle on the wiper arm
- AWPEA-B (180202_1) Adapter B for mounting the angle measuring unit on the wiper arm
- AWPEA-C (180203 1) Adapter C for mounting the angle measuring unit on the wiper arm
- AWPEA-D (180204_1) Adapter D for mounting the angle measuring unit on the wiper arm Setting tools:
- AWPEE-Z4 (180220_1) Setting tool (1 pc.)
- AWPEE-TU (180221_1) Set of setting tools T (M6) and U (M6), Porsche Cayenne
- AWPEE-XY (180228_1) Set of setting tools X (M8) and Y (M8), MB C-Class
- AWPE-M5 (180230) Lever jig with thread M5 (2 pcs.)
- AWPE-M6 (180231) Lever jig with thread M6 (2 pcs.)
- AWPE-M8 (180232) Lever jig with thread M8 (2 pcs.)
- AWPE-M-Set (180233) Lever jigs M5, M6, M8 (2 pcs. each)

ELECTRONIC FORCE TESTER TO CHECK WINDSCREEN WIPERS



item number: DKM 15 (071502)

DESCRIPTION

- With highly sensitive sensors for checking the contact pressure of the wiper arms.
- Due to the construction of the sensor, the upper and lower side of the sensor have the same function, i.e. no matter how the sensor is used, the results are identical.
- range 0...15 Newton
- power supply by a 9 V battery
- 10 results/sec., accuracy ± 1%
- automatic memory of the maximum value
- dimensions of the sensor (L /W/H) 40 x 12 x 15 mm
- Further ranges on request.

ELECTRONIC FORCE TESTER DKM 45



item number: DKM 45 (071503_1)

DESCRIPTION

With highly sensitive sensors for checking the contact pressure of the wiper arms.

- Due to the construction of the sensor, the upper and lower side of the sensor have the same function, i.e. no matter how the sensor is used, the results are identical.
- range 0...45 Newton
- power supply by a 9 V battery
- 10 results/sec., accuracy ± 1%
- · automatic memory of the maximum value
- dimensions of the sensor (L /W/H) 40 x 12 x 15 mm
- Further ranges on request.

ELECTRONIC FORCE TESTER TO CHECK ELECTRIC WINDOWS, ELECTRIC SUNROOFS AND LIFTDOORS



item number: DKM 1000 (071501)

DESCRIPTION

- Electronic force tester to check electric windows, electric sunroofs and liftdoors.
- The electronic force tester is an accurate instrument and provides reproducible results.
- Due to the construction of the sensor, the upper and lower side of the sensor have the same function, i.e. no matter how the sensor is used, the results are identical.
- Further ranges on request.
- Application:
- checking the stop function of electric windows and sunroofs
- checking the stop function of liftdoors
- measuring the maximum pressure
- range 0...1000 Newton
- power supply by a 9 V battery
- 10 results/sec., accuracy ± 1%
- automatic memory of the maximum value
- dimensions of the sensor (L /W/H) 70 x 50 x 27 mm

TOOL SET FOR PARK DISTANCE CONTROL



item number : PDC 01 (130600_1)

DESCRIPTION

- 13 pcs. tool set for drilling, punching and milling of holes for park distance controls that fits exact.
- burr-free drilled hole edges
- drilling without scrapes or dents in the paintwork
- fits accurately
- easy to use

SCOPE OF DELIVERY

- punching tool, round 18,0 mm
- punching tool, round 20,0 mm
- punching tool, round 22,5 mm
- punching tool, round 26,0 mm
- stepped drill, titan nitrided 4 12 mm
- stepped drill, titan nitrided 4 20 mm
- stepped drill, titan nitrided 4 32 mm
- set of millers, 6 pcs. HSS shaft 6 mm
- · Delivery in solid plastic case

PRESSURE PLATE SET



item number : DPS 01_LR (400004_2)

DESCRIPTION

- Plate to be used in workshop presses
- Load 30 tons
- Universal 3 spot adjustment ensures a tilt-free working.
- Bolts adjustable in height.

TEST INSTRUMENT FOR THE NON DESTRUCTIVE MEASUREMENT OF THE THICKNESS OF SURFACE COATINGS ON IRON AND NON-FERROUS METALS



item number : LDM 01 (071601_1)

DESCRIPTION

- Test instrument for the non destructive measurement of the thickness of surface coatings on iron and non-ferrous metals.
- The ergonomically designed coating tester with integral measuring probe gives rapid, precise test results with a high degree of accuracy. The display consists of a 4-place LCD module.
- Power supply by 4 x 1.5 V-batteries.
- Supplied in a case with directions for use and calibrating standards.
- wireless design permits convenient, single handed operation.
- suitable for materials such as iron, steel, aluminium, copper and brass
- automatic material identification (F/NF)
- measuring range from 0 to 1250 μm
- measuring accuracy ± 2 %
- wear-free spring suspended measuring head
- automatic cutout

CLAMP OR STAR WASHER TOOL



item number : SSW 01_SW10 (400099_1)

DESCRIPTION

- Star washers are frictional fastening elements with an elastic connection
- For quick, damage-free installation and removal of the star or clamp washers
- Suitable for star and clamp washers up to 32 mm
- Suitable for underbody covers, heat plates, etc.

Drive: size 10Diameter: 32 mmLength: 64 mm

MECHANICAL MAT



item number:

MM 01_LR Mechaniker Matte (600018_1)

- DESCRIPTION
- The practical mechanic's mat from Leitenberger is produced using a non-absorbing foam material and is immune to aggressive liquids such as oil, petrol or brake cleaner
- The mat is therefore perfect for daily use at work in a car workshop
- The large underlay offers a high degree of comfort due to the top foam quality and, if a particular quantity is ordered, can be custom-designed (colour and storage options)
- The high-quality foam keeps the coldness of the workshop floor at bay and protects against arthrosis
- · Can be wiped down

UNLOCKING TONGS FOR SAE QUICK COUPLINGS



item number:

EZ_S 01 (400124_1)

DESCRIPTION

- Can be used for all metric and SAE couplings on fuel, air conditioning, brake and oil lines
- 270° head adjustment
- Can be adapted to the installation position of the plug connection
- Rubberised handle
- Handle length: 95 mm
- Handle length: 75 mm
- Adjustable length: 50 mm
- Unlocking head: Ø 4.20 mm

UNLOCKING TONGS FOR SAE QUICK COUPLINGS



item number:

EZ_L 01 (400125_1)

- Can be used for all metric and SAE couplings on fuel, air conditioning, brake and oil lines
- 270° head adjustment
- Can be adapted to the installation position of the plug connection
- Handle length: 130 mm
- Handle length: 75 mm
- Adjustable length: 50 mm
- Unlocking head: Ø 4.20 mm

ROBUST COMBINATION PLIERS FOR EASY LOOSENING OF DAMAGED SCREWS



item number : KZ_S 01 (400129_1)

DESCRIPTION

- No more problems loosening damaged screws
- Patented groove design grips the screw head without slipping!
- Length 204 mm
- Due to the horizontal and vertical toothing, defective screws can be easily gripped and unscrewed
- Also suitable for special screws, such as safety screws
- Suitable for screws with a diameter from 3 to 15 mm
- Material: carbon steel
- Toothed gripping teeth for secure gripping of thin materials
- Heavy-duty, durable side cutter
- · Ideal for holding, pulling and turning round profiles in tight spaces

ROBUST COMBINATION PLIERS FOR EASY LOOSENING OF DAMAGED SCREWS



item number : KZ_L 01 (400130_1)

- No more problems loosening damaged screws
- Patented groove design grips the screw head without slipping!
- Length 260 mm
- Due to the horizontal and vertical toothing, defective screws can be easily gripped and unscrewed
- Also suitable for special screws, such as safety screws
- Suitable for screws with a diameter from 3 to 15 mm
- · Material: carbon steel
- Toothed gripping teeth for secure gripping of thin materials
- Heavy-duty, durable side cutter
- · Ideal for holding, pulling and turning round profiles in tight spaces

BRAKE LINE BENDING TOOL SET



item number:

BBW_Set 02_LR (400081_1)

DESCRIPTION

- Easy and fast reproduction of the brake line to be repaired in connection with the patented Leitenberger bending pliers
- Universally suitable for plastic, steel and copper coated brake lines with 4.75 mm diameter
- The new brake line is clamped in parallel to the old brake line, so the shape of the line can be easily reproduced
- Flexible tape measure for measuring and transferring the total length and sections SCOPE OF DELIVERY
- 4 fixation clamps
- 1 flexible measuring tape
- Delivery in Box with CNC milled foam insert

BRAKE LINE BENDING TOOL SET



item number:

BBW_Set 01_LR (400080_1)

- For fast, safe, damage-free and expert reshaping of brake lines
- Universally suitable for plastic, steel and copper coated brake lines with 4.75 mm diameter
- Clamping and bending without changing the cable diameter or deforming the cable
- Patented and high-quality processed cable bending pliers for space-saving work
- Front-mounted rollers allow working in confined areas
- The bending process is carried out rolling around the line
- Four holding clamps allow parallel alignment and holding of the new brake line on the brake line to be replaced
- Simple reshaping of the brake line routing
- Flexible tape measure for measuring and transferring the total length and sections SCOPE OF DELIVERY
- 1 bending pliers
- 4 fixation clamps
- 1 flexible measuring tape
- Delivery in Box with CNC milled foam insert

BRAKE LINE BENDING TOOL SET



item number:

BBW_Set 04_LR (400135_1)

DESCRIPTION

- For quick, safe and easy reshaping of brake lines
- Universally suitable for plastic, steel and copper coated brake lines with 4.75 mm diameter
- The ideal tool set for brake line reproduction in connection with a flaring device
- Problem-free cutting of the brake line even in confined spaces thanks to the particularly compact design of the ratchet cutting tool
- Automatic self-adjustment for faster cutting
- Additional leverage due to the handle length compared to conventional standard cutters
- Four holding clamps for parallel alignment and holding the new brake line on the brake line to be replaced
- Simple reshaping of the brake line routing
- Clamping and bending without damaging and changing the cable diameter or deforming the cable
- Patented and high-quality processed cable bending pliers for space-saving work
- Front-mounted rollers allow working in confined areas
- The bending process is carried out rolling around the line
- Flexible tape measure for measuring and transferring the total length and sections SCOPE OF DELIVERY
- 1 Brake pipe cutter "Mini"
- 1 bending pliers
- 4 fixation clamps
- 1 flexible measuring tape
- Delivery in Box with CNC milled foam insert

COOLER LID REMOVAL TOOL FOR BMW



item number : KDL 02 (400073_2)

- For loosening the radiator cap on the expansion tank
- The cover is often not easy to remove in tight installation positions
- If the coolant is already warmed up, the lid can only be opened with pliers
- With the KDL, easy opening is possible even in confined work areas
- Flat design
- Hexagonal drive
- Ratchet actuation
- Aluminium design prevents damage
- Suitable for the following BMW models: E 83; E 90; E 39; E 70

COOLER LID REMOVAL TOOL FOR FORD, MAZDA AND VOLVO



item number : KDL 01 (400054_2)

DESCRIPTION

- For loosening the radiator cap on the expansion tank
- The cover is often not easy to remove in tight installation positions
- If the coolant is already warmed up, the lid can only be opened with pliers
- With the KDL, easy opening is possible even in confined work areas
- Flat design
- Hexagonal drive
- Ratchet actuation
- Aluminium design prevents damage
- Suitable for the following brands: Ford; Mazda; Volvo

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