

ELPARTS

TOOLS Release tools | Pliers | Service+Diagnostics | Measuring technology |
Battery management | Processing+Installation | Workshop lamps



herthundbuss.com

Practical workshop tools

Processing+Installation | Workshop lamps



 **HERTH+BUSS**

“Real-life” implemented improvement process

We, the management are committed to the TQM concept, because we value the trust our customers place in us and want to maintain it in the long term.

We see our relationship with our customers as a partnership which must be constantly improved. As a result, we continuously check even established processes for opportunities for improvement.

And not because anyone is forcing us to do so, because we have met the criteria for the ISO certification for a long time.

Instead, we are motivated by the chance to achieve even better results in our work together and to help our customers to increase their competitiveness and hence secure their long-term success.

That is what we call a “real-life implemented improvement process”, and it is also what our many long-term customers especially appreciate about their cooperation with Herth+Buss.



We are certified according to:

- ISO 9001:2015 Quality management
- VDA 6.2 Quality management
- StVZO Verification



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The specialist in vehicle electrics!

With our Elparts range we offer a comprehensive product spectrum that meets any requirement, from automobiles to commercial vehicles. This is our professional workshop solution and that's why we're always first choice.

Our services for you:

- over 6,200 universal parts
- over 3,000 vehicle-specific parts with 666,000 vehicle links
- comprehensive range for all vehicle types
- exactly fitting parts allocation
- professional-quality solutions from Herth+Buss

Passt immer!



ELECTRICS

Signal devices



Signal units



Relays



Control units



Switches



Actuators+Sensors



Voltage transformers



Inverter



Alternators+Starters



Wash water pump



Ignition system



INSTALLATION

Connectors



Attachment parts



Cable straps



Gaskets+Grommets



Insulating tape



Hoses+Pipes



Cables+
Cable connections



Battery accessories



Plug housings



Fuses



Plugs+Sockets



Assortments



TOOLS

Release tools



Pliers



Service+Diagnostics



Measuring technology



Battery management



Processing+Installation



Workshop lamps



LIGHTING

Daytime running lights



Headlights



Lights



Reflectors



Warning equipment



Connection sets



(Lamp) sockets



Bulbs





» IP CODE

Overview of IP-Code components (extract)

The protection categories are indicated by an abbreviation which is comprised of the letters IP (International Protection) which always remain the same, followed by two code numbers which represent the degree of protection.

The first code number represents the degree of protection against contact and foreign bodies, and the second represents the degree of protection against damage caused by water penetration.

First no.	Level of protection against touch	Level of protection against intrusion of foreign bodies	Second no.	Level of protection against water penetration
0	not protected	not protected	0	not protected
1	back of hand	object with Ø over 50 mm	1	vertical droplets
2	finger	object with Ø over 12,5 mm	2	droplets at 15° tilt
3	tools	object with Ø over 2,5 mm	3	spraying water
4	thin wire	object with Ø over 1 mm	4	splashing water
5	thin wire	dust-protected	4K	splashing water, at high pressure, only for road vehicles
6	complete	dust-tight	5	water jets
X	not checked	not checked	6	powerful water jets
			6K	powerful water jets, at high pressure (flooding), only for road vehicles
			7	temporary submersion
			8	continuous submersion
			9K	for pressure/steam jet cleaning, only for road vehicles, for use with end cap

Example: IP-Code 65

First code number 6 = complete touch protection and dust-protected

Second code number 5 = protected against water jets

» PRACTICAL EXAMPLE

You have found a crimp connector in the Installation Catalogue (Katalog04EN), for example, then you see the corresponding pliers or release tool listed as accessories. Comprehensive information on these tools is then provided in the Tools Catalogue (Katalog08EN).



Catalogue



Article



Accessories



Accessories



Catalogue

» VDA

Installation by specialist only

The VDA working group for suppliers' aftermarket business is the representative of parts manufacturers in the German automotive industry, with their global heads in the aftermarket area. One of the main issues addressed by the group is the use of parts safety to constantly guarantee or increase road safety for drivers.

It has been noted that driver safety can be especially put at risk by improper installation of parts that are intended for installation by a workshop, not unqualified persons.

The aftermarket working group has therefore commissioned a pictogram for "Installation by specialist only". This pictogram for international use can be attached to the packaging of workshop parts for information purposes and indicates to the consumer that installation by a specialist workshop is recommended. The pictogram symbol has been developed as part of a market research study and successfully tested for clear understanding in a range of countries.

VDA

Verband der
Automobilindustrie



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The products supplied by us may only be used for their intended purpose. Fitting must only be performed by trained specialists.





Processing+Installation

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Processing+Installation



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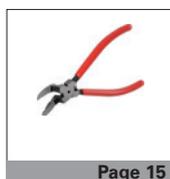
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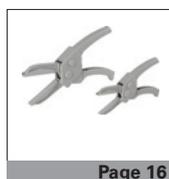
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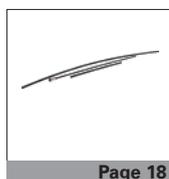
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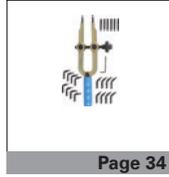
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HeatGun Hot Air Dryer



The HeatGun is an indispensable aid for many applications and is suitable for professionally working with shrink tubing and shrink connectors for example. The various attachments ensure greater precision and accurate control of the hot air to suit the application concerned. Further features include:

- infinitely variable temperature regulation
- six blower speed settings
- LCD temperature display
- stand for stationary working
- supplied complete with four different attachments

Input Voltage: 230 V
Rated Power: 2000 W
Plug Type: Protected contact plug

Mains Cable Length: 1,8 m
Gauge: with LCD display

Temperature range °C	Connector	DU	Article no.
+50 to +600		1	95920000
Content		QU	
Attachment Set, hot air dryer HeatGun		1	95920000001





Operating time to: 60 min. Fuel Tank Volume: 12 ml

Solder Temperature °C	Flame temperature °C	Hot Air Temperature °C	DU	Article no.
350	1300	550	1	95921000
Accessories			see	DU
Attachment Set, gas soldering torch			Katalog04	1 95921001001



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Burner Gas Soldering Torch



Thanks to the adjustable gas supply and the attachments included in the scope of delivery, the burner is suitable for a wide variety of operations, such as for professional heating of shrink tubing or soldering in cable lugs.

- with piezo ignition
- refilling with commercially available bu-

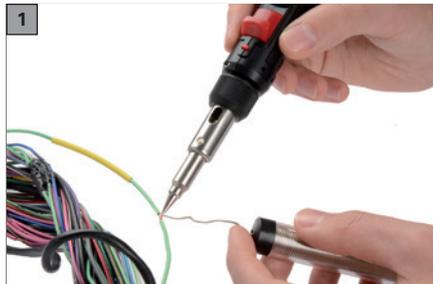
- tane gas cartridges for cigarette lighters
- with stand
- inspection port for checking gas level
- including solder wire coil (lead-free), sponge, various attachments and a handy plastic box

Operating time to: 75 min. Fuel Tank Volume: 30 ml

Solder Temperature °C	Flame temperature °C	Hot Air Temperature °C	DU	Article no.
450	1300	600	1	95921001
Content			QU	
Attachment Set, gas soldering torch			1	95921001001



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Pliers, hose clamp



Blade width: 16 mm
Info: Recoil
Ribbed

Length mm	Clamping range mm	DU	Article no.
205	to 55	1	95922000



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Pliers, hose clamp



A pair of hose clamp pliers with a flexible bowden cable for releasing self-tightening spring band clamps in tight spaces and hard-to-reach areas in the engine bay.

- Stable bowden cable and clamping slide

mechanism for greater clamping forces

- Variable scope
- The range can be secured in any position via the locking device and held without applying force.

Jaw Width: 18 mm Cable length: 0,7 m

Clamping range mm	DU	Article no.
to 53	1	95922002



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Pliers, spacer



Mounting of our Herth+Buss ClipFix® spacers is sometimes difficult, depending on the application. These pliers are designed for easy mounting of Herth+Buss ClipFix®

spacers. Thanks to their large opening width they ensure wide usage with the different variants and sizes.

Info: Self-opening **Mounting/Removal:** for mounting

Length mm	Opening width up to mm	Tool Handle	DU	Article no.
210	40	●	1	95922004



Release Pliers, hose line



Material: CrMo 4130 (chrome-molybdenum 4130) **Hardness:** 43 to 47 HRC

LxW mm	DU	Article no.
202x94	1	95922003



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Disassembly Tool, body holding clip

These specially shaped pliers are ideally suited for gripping, pulling and levering on nearly all plastic clip designs. A round cut-out in the front area of the blades provides additional hold.



	DU	Article no.
	1	95926267



Installation Tools, brake spring

Length mm	Jaw opening angle measurement	DU	Article no.
180,5	50	1	J9350000





Hose Clamp Pliers Set



The universal locking pliers are used to disconnect various cooling water and vacuum hoses. They prevent for example cooling water from escaping or the cooling system from running empty, e.g. when water pumps, thermostats, fittings etc. are replaced. There is no longer any need for laborious ventilation of the cooling system.

- Ergonomic handles for maximum comfort and lever action

- Spring-loaded handles make applying the pliers easier
- Swivelling jaws compensate for the scissor action and enable parallel contact for optimum sealing
- Rounded edges prevent damage to hoses
- Automatic locking and unlocking of the pliers

Material: GRP (Glass fibre Reinforced Plastic)



Clamping range mm	DU	Article no.
3 19 to 19 57	1	95923012





Stopper Set, hose/pipeline



A ten-piece hose/pipeline stopper set for temporarily plugging hydraulic lines in brake systems, lubrication systems or other hy-

draulic systems. This prevents hydraulic circuits from running dry unnecessarily during repairs.

Info: For Brake Lines
for lines with banjo connections

	Quantity	DU	Article no.
	10	1	J9300000
Content		QU	
Stopper, hose-/pipeline		1	J9300000001
		1	J9300000002



Magnetic Lift



The magnetic lifter is ideally suited for safely removing oil drain screws. After the hot oil drain screw has been loosened slightly, it can be removed effortlessly using the

magnetic attraction of the tool. This makes burning and contamination a thing of the past.

Magnetic lift type: Flexible
Info: for oil drain plug
Magnetic

Length mm	Diameter mm	DU	Article no.
285	17,9	1	95922001



1

Fill-/Extraction Pump, universal



Small self-priming, electric pump with bronze gears, particularly suitable for filling with oil or viscous fluids. Nickel-coated brass housing,

stainless steel spindle. Particularly suitable for drawing the lubricating oil from the oil pan of the engines.

Voltage: 12 V **Pressure:** 2 bar
Rated Power: 120 W **Weight:** 2500 g
Operating Mode: Electric **Protection:** 10 A

Volumetric flow rate l/min	Suction hose length mm	DU	Article no.
8	13	1	95920003
Accessories		see	DU
Hose		Page 18	1 95920003001

Hose



suitable for: Oil
Water
Diesel

Length 1/2/3 mm	Diameter 1/2/3 mm	DU	Article no.
200 / 300 / 500	8 / 6 / 8	1	95920003001

Fill-/Extraction Pump, universal



Small self-priming, electric pump with bronze gears, housing made of nickel-coated brass, spindle made of stainless steel. Partic-

ularly suitable for filling with diesel and antifreeze

Voltage: 12 V **Pressure:** 2 bar
Rated Power: 180 W **Weight:** 3200 g
Operating Mode: Electric **Protection:** 15 A

Volumetric flow rate l/min	Suction hose length mm	DU	Article no.
26	16	1	95920001

Fill-/Extraction Pump, universal



Small self-priming, electric pump with bronze gears, housing made of nickel-coated brass, spindle made of stainless steel. Partic-

ularly suitable for filling with diesel and antifreeze

Voltage: 24 V **Pressure:** 2 bar
Rated Power: 180 W **Weight:** 3200 g
Operating Mode: Electric **Protection:** 7,5 A

Volumetric flow rate l/min	Suction hose length mm	DU	Article no.
26	16	1	95920002



QuickFlow

Fill-/Extraction Pump, universal



This practical hydraulic pump in a design suitable for use in workshops is used for pumping off or refilling and filling all non-easily flammable fluids, such as engine and transmission oil, radiator antifreeze, brake fluid, etc. The pump is either powered electrically, using a cordless screwdriver or alternatively also pneumatically using an air ratchet or impact wrench.

- suitable for all non-easily flammable fluids
- one-handed operation, second hand remains free for guiding the hose

- plastic guide and rubber band enable stable holding of different cordless screwdriver sizes
- lightweight, glass-fibre reinforced plastic casing on the outside and durable, wear-resistant pump mechanics made from metal on the inside
- quick couplings enable fast hose change
- positive self-priming behaviour
- delivered complete with 1/4" hex on 3/8" drive adapter and storage case

Operating Mode: For Electrical Tools
For Compressed Air Tools

RPM to: 1500 r/min
Info: with quick couplers

Filler hose length mm	Suction hose length mm	Drain hose length mm	DU	Article no.
1000	1260	1000	1	95923010

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QuickFlow

Filling Adapter Set, transmission



Info: with quick couplers

Filling hose length m	Number of adapters	DU	Article no.
1,0	10	1	95923010001



Oilfilter Spanner



The oil filter wrenches can be used universally thanks to their self-tightening adjustment mechanism, thereby guaranteeing a wide spectrum of use. Here, the respective tightening range of the tool must be observed. The following additional features make the oil filter wrenches an indispensable aid in everyday workshop tasks:

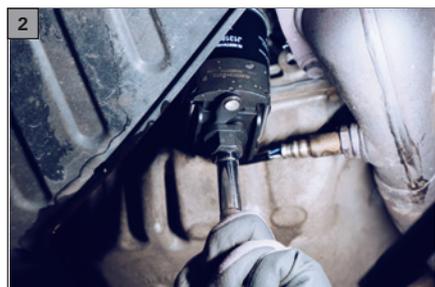
- Universal use thanks to self-tightening adjustment mechanism
- Toothed jaws ensure a firm grip, even dis-

tribution of pressure on the oil filter and ideal force transmission

- The compact design even allows you to work in cramped areas and with oil filters that are difficult to access
- The clockwise and anticlockwise action allows you to perform installation and removal tasks
- Can be operated with a commercially available tool

Socket Driver: 1/2 Zoll

Spanner Size	Clamping range mm	DU	Article no.
21	60 to 80	1	J9131002
22	80 to 110	1	J9131000
24	104 to 150	1	J9131001



Oilfilter Spanner



Manufacturer Restriction: Toyota
Socket Driver: 3/8 Zoll
Diameter 1/2: 64,5 / 68 mm
Surface: Chromed

Spanner Size	DU	Article no.
27	1	J9131200

Oilfilter Spanner



Manufacturer Restriction: Toyota
Lexus
Socket Driver: 3/8 Zoll
Diameter 1/2: 64,5 / 90 mm
Surface: Chromed

Spanner Size	DU	Article no.
27	1	J9131201



Tornado Flex

Funnel



The funnel is not only useful for filling it is also suitable for draining liquids such as oil, coolant or similar in a clean and controlled manner in order to prevent other components from becoming contaminated

while repair tasks are being carried out. Due to its aluminium core, it can be flexibly shaped and used universally in day-to-day workshop operations due to its resistance to various liquids.

Material: NBR (nitrile butadiene rubber) Aluminium **LxW:** 372 x 170 mm

Temperature range °C	DU	Article no.
-35 to +105	1	J9131003



Tornado

Funnel



Connector Length: 430 mm **Info:** with adapter
Diameter 1/2/3: 125 / 23 / 15 mm

	DU	Article no.
	1	95923006





Socket Set, oil drain plug

Tool set with T-handle and interchangeable socket wrenches for the most common plastic oil drain screws.



Restriction: (VAG | BMW | Ford | PSA) **Info:** with mounting tools with bolts/screws

	DU	Article no.
	1	95922006
Content	QU	
Sealing Plug, oil sump (BMW)	3	50240001
Sealing Plug, oil sump (Ford Citroen Peugeot)	3	50240002
Sealing Plug, oil sump (Ford)	3	50240003
Sealing Plug, oil sump (Audi Seat Skoda VW)	3	50240004

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Sealing Plug, oil sump



Fitting Position: Engine Side **Material:** Plastic
Manufacturer Restriction: BMW **for OE number:** 11 13 7 605 018
Seal Material: Elastomer **Info:** with seal

	DU	Article no.
	1	50240001

Sealing Plug, oil sump



Fitting Position: Engine Side **Material:** Plastic
Manufacturer Restriction: Ford | Citroen | Peugeot **for OE number:** 1 871 598 | 98 014 447 80
Seal Material: Elastomer **Info:** with seal

	DU	Article no.
	1	50240002

Sealing Plug, oil sump



Fitting Position: Engine Side **for OE number:** 2 072 363
Manufacturer Restriction: Ford **Info:** 1 830 727
Seal Material: Elastomer **Material:** Plastic with seal

	DU	Article no.
	1	50240003



Sealing Plug, oil sump



Fitting Position: Engine Side
Manufacturer Restriction: Audi
 Seat
 Skoda
 VW
Seal Material: Elastomer
Material: Plastic
for OE number: 06L 103 801
Info: with seal

	DU	Article no.
	1	50240004

Sealing Plug, oil sump



Fitting Position: Engine Side
Manufacturer Restriction: Mercedes-Benz
Seal Material: Elastomer
Material: Plastic
for OE number: A 002 990 20 17
Info: with seal

	DU	Article no.
	1	50240005

Repair Kit, oil drain plug thread



The very light and relatively soft aluminium material is often used in both engine and gear components. As a result, these components are very susceptible to thread damage. The threads in the oil drainage holes are very often damaged or even destroyed by excessive tightening, as well as frequent opening and closing of the oil drain

screws. This results in extremely time-consuming replacement of the oil pan or gearbox housing. With this repair kit, the damaged thread can be easily drilled onto the next thread size, so that the oil drain screw sits tight again and seals. The appropriate oil drain screws and sealing rings are also included in the set.

Number of screws: 6
Number of sealing rings: 12
Thread drill type: Self cutting tap

Thread Size	DU	Article no.
M11 x 1,50	1	95924000



Repair Kit, oil drain plug thread



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Number of screws: 6
Number of sealing rings: 12
Thread drill type: Self cutting tap

Thread Size	DU	Article no.
M14 x 1,25	1	95924001



1

Repair Kit, oil drain plug thread



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Number of screws: 6 **Thread drill type:** Self cutting tap
Number of sealing rings: 12

Thread Size	DU	Article no.
M18 x 1,50	1	95924002

Repair Kit, oil drain plug thread



The very light and relatively soft aluminium material is often used in both engine and gear components. As a result, these components are very susceptible to thread damage. The threads in the oil drainage holes are very often damaged or even destroyed by excessive tightening, as well as frequent opening and closing of the oil drain

screws. This results in extremely time-consuming replacement of the oil pan or gearbox housing. With this repair kit, the damaged thread can be easily drilled onto the next thread size, so that the oil drain screw sits tight again and seals. The appropriate oil drain screws and sealing rings are also included in the set.

Number of screws: 36 **Thread drill type:** Self cutting tap
Number of sealing rings: 72

Thread Size	DU	Article no.
M13 x 1,25 M13 x 1,50 M15 x 1,50 M17 x 1,50 M20 x 1,50 M22 x 1,50	1	95924003

Socket, exhaust gas temperature sensor



The socket inserts are designed in such a way that they fit almost all exhaust gas temperature sensors and lambda sensors. The reinforced design also ensures a secure hold even under high forces.

Spanner Size: 13, 14, 17 **Spanner:** Reinforced Version, Open, Single, Off-set
Socket Driver: 3/8 Zoll

	DU	Article no.
	1	95924682



Filling Device, transmission oil



Operating Mode: Manual (hand operated) Pneumatic
WxHxD: 242 x 610 x 285 mm
contained variants: 10
Info: with adapter

Operating pressure to bar	Capacity l	Filling hose length m	DU	Article no.
1,5	12,5	1,5	1	95923007

Mounting Tools, V-ribbed belt



This simple tool is used to fit and remove stretch V- ribbed belts, similar to a bicycle chain. The tool can be used universally and does away with the need for a variety of special manufacturer/model-specific tools.

Material: Metal

	DU	Article no.
	1	J9103000



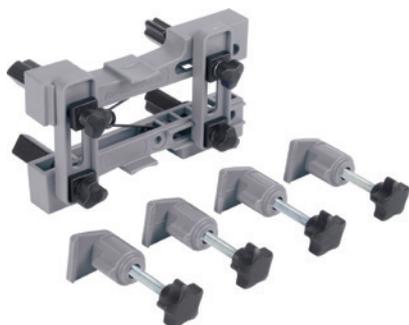


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CamLock

Retaining Tool Set, camshaft sprocket

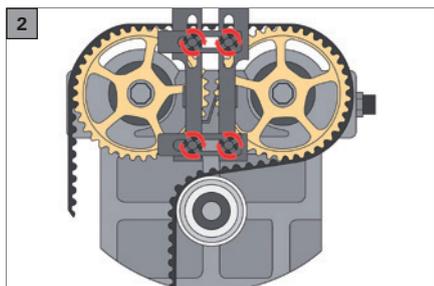
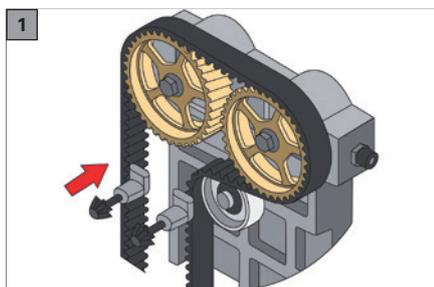


This tool set is used to lock cam gears, injection/HP pump gears and balancer shaft gears when replacing a timing belt and also prevents shafts from twisting inadvertently. The locking arms, which can be adjusted both horizontally and vertically, make the tool suitable for all petrol and diesel engines with

timing belts. This does away with the need for a variety of special tools specific to different manufacturers and models. Even hard-to-reach gears in tight spaces can be individually secured, safely and easily with the help of the single locks.

Number of Parts: 5
Material: GRP (Glass fibre Reinforced Plastic)
Metal

	DU	Article no.
	1	J9112000





Test Set, cooling system pressure



This universal tester is used to check the cooling system for leaks. It is also suitable for locating leaks on components such as cylinder head gaskets, radiators, water pumps, heater hoses and flanged connections. The special feature here is that the inflatable rubber

gaiter adapts to almost every expansion tank or radiator opening, sealing them securely for reliable testing.

- incl. inflatable gaiter
- incl. universal adapter for Asian and European vehicles

Number of Parts: 6

Working pressure bar	DU	Article no.
2	1	J9122001





1

Knife-edged Ruler, surface level test



The straightedge is a measuring tool used for checking that a surface is level using the light gap method. The straightedge is used specifically to check cylinder heads when changing the cylinder head gasket. If the en-

gine is overheated, the cylinder head may move. To exaggerate the issue slightly, the cylinder head is bent. The straightedge can be used to measure whether this bend is still within the permitted tolerance.

LxW: 600x36 mm **Thickness:** 16 mm

	DU	Article no.
	1	J9122004





Filler/Bleeder Unit, brake fluid



This tool is used to bleed brake or clutch hydraulics. For this purpose, the tool is connected to the hydraulic system via the compensating reservoir. The reservoir is pressurised by means of the integrated hand pump. On bleeding (on opening the bleeder nipple), the brake fluid is forced through the hydraulic pipes and replaced with an adequate amount of fresh fluid.

- suitable for mobile use as no power or compressed- air connection is required
- one-man operation
- standard compressed-air connection, thus permitting the use of existing adapters
- supplied together with collector

Hose length: 1 m
Hose diameter: 7,5 mm
Material: Plastic
Workshop Equipment: with hand pump

Valve type: with Pressure Relief Valve
Coupling type: Quick Coupling



Working pressure bar	Contents, storage container l	DU	Article no.
0 to 1,4	3	1	J9300001
Accessories		see	DU
Adapter, container (brake fluid filling)		Page 29	1 J9300002
		Page 30	1 J9300002001
		Page 30	1 J9300002002
		Page 30	1 J9300002003
		Page 30	1 J9300002004
		Page 31	1 J9300005
	Page 31	1 J9300006	

Adapter, container (brake fluid filling)

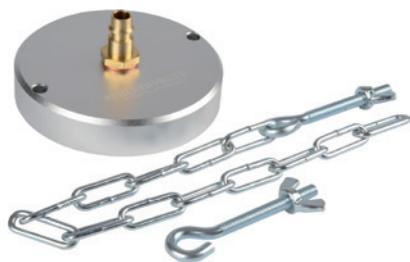
Material: Aluminium **Surface:** Anodized



Thread Size	QU	DU	Article no.
M79x3 M46,5x3	Kit	1	J9300002
Content		QU	
Adapter, container (brake fluid filling)		1	J9300002001
Adapter, container (brake fluid filling)		1	J9300002002
Adapter, container (brake fluid filling)		1	J9300002003
Adapter, container (brake fluid filling)		1	J9300002004
for article number			
J9300001			



Adapter, container (brake fluid filling)



Material: Aluminium **for article number:** J9300001
Surface: Anodized

Inner diameter mm	DU	Article no.
78,1	1	J9300002001
for article number		
J9300001		

Adapter, container (brake fluid filling)



Material: Aluminium **Version:** E20
Surface: Anodized **for article number:** J9300001
Hose Length: 150 mm

Thread Size	DU	Article no.
M46,5 x 3,5	1	J9300002002
for article number		
J9300001		

Adapter, container (brake fluid filling)



Material: Aluminium **for article number:** J9300001
Surface: Anodized

Thread Size	DU	Article no.
M79,5 x 3,5	1	J9300002003
for article number		
J9300001		

Adapter, container (brake fluid filling)



Material: Aluminium **Version:** M33
Surface: Anodized **for article number:** J9300001

	DU	Article no.
	1	J9300002004
for article number		
J9300001		



Adapter, container (brake fluid filling)

Operating pressure to: 3,5 bar **Info:** with compressed air
Material: Chrome steel **plug nipple**
Spanner Size: 8mm



Diameter mm	210 2025 Höhenverstellung bis mm	DU	Article no.
28 to 70	18	1	J9300005
Accessories		see	DU
Filler/Bleeder Unit, brake fluid		Page 29	1 J9300001

Adapter, container (brake fluid filling)

Material: Aluminium
Manufacturer Restriction: Toyota
 Hyundai
 Kia
 Lexus
 Mazda
 Minsubishi
 Honda
 Acura
 Suzuki
 Nissan
 Ford
 Chevrolet
 GMC
 Chrysler
 Dodge
 Jeep
 RAM
 European Standard



	DU	Article no.
	1	J9300006



Filler/Bleeder Unit, brake fluid



This pneumatic device is used to bleed hydraulic circuits in brake and clutch systems. The device operates according to the Venturi principle. The brake fluid is drawn off via the bleed nipple. A refiller is positioned on the expansion tank side and automatically regulates the fill level of the expansion tank.

- The refiller fits on almost every expansion tank and replaces many special manufacturer-specific adapters

- The rubber fitting fits on every bleed nipple and ensures a secure grip
- Integrated valves prevent the brake fluid from overflowing and spraying out if the collecting vessel is accidentally overfilled
- The suspension hook and trigger lock mean users then have both hands free when working
- Extremely compact, lightweight design

Info: with compressed air plug
nipple
with quick couplers

Working pressure bar	DU	Article no.
5,5 to 9	1	J9300004



Turn / Reset Tool, brake caliper piston



Universal brake piston resetter for resetting brake pistons to enable the installation of new brake pads. This tool has been specially developed for brake callipers with an in-

tegrated park brake. With only two adjustable adapter plates, this tool fits almost all brake callipers and makes a variety of other adapters superfluous.

Number of adapters	DU	Article no.
3	1	J9321000



Reversible Ratchet Set



A ratchet with a central opening that has been especially designed for bleeding brakes enables the bleeding procedure to be performed without disassembling the wheel in advance.

- With opening for guiding the hose

- through the ratchet and sockets
- Finely toothed special ratchet
- Includes a silicone hose
- Design with a central opening ensures a secure and tight fit on the bleed nipple

Shape: Short
Long

Spanner Size	DU	Article no.
10mm 11mm	1	J9300003

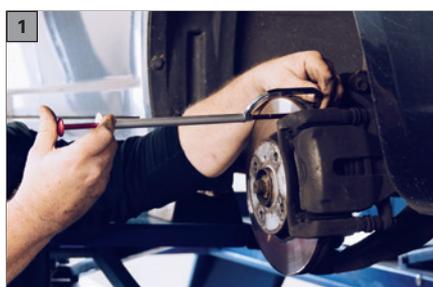


Vernier Calliper, brake disc thickness

Material: Aluminium



Measuring range mm	Measurement Accuracy +/- mm	Length mm	DU	Article no.
0 to 45	0,25	395	1	J9330000





Press-fit/Extraction Tools



A 26-piece tool set with various pressure fittings for press-fitting and extracting silent bearing bushes, fluid bearings, oil seals etc.

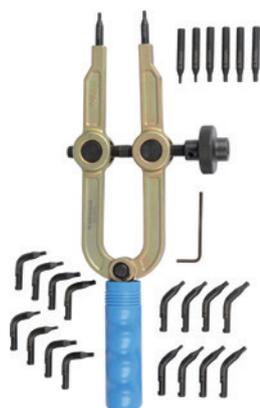
without needing to uninstall entire components such as control arms.

Spindle Operating Mode: Manual (hand operated) **contained variants:** 20 **Info:** with thrust piece

Working torque Nm	Thread Size	Thread Length mm	Thread Pitch mm	DU	Article no.
60	10	450	1,5	1	J9420000



Circlip Tool



This tool is used to fit and remove circlips. Compared to conventional circlip pliers, the circlip does not need to be held under tension with physical effort. This makes installation significantly easier, even with large, heavy-duty circlips.

- Mechanical tensioning without physical effort
- With 3/8" ratchet fitting
- Also suitable for large, heavy-duty circlips

Socket Driver: 3/8 Zoll **contained variants:** 12
Number of Parts: 26

Pin Diameter mm	Angle °	DU	Article no.
2,5 3,0 3,5 3,8	0 45 90	1	J9470000





Insert Guide, plug

The universal insertion aid for easier insertion of contacts with individually sealed conductors into the housing.



for cable diameter: 2 mm only in connection with: ELA
Cable diameter to: 0,75 mm

Example:



Connector	DU	Article no.
	1	95945401



Mounting/Dismantling Tool, plastic socket bulb

Socket Type: B8,3d Connector Length: 40 mm
BAX10s Material: Plastic
B8,5d
BAX10d
BG8,5-5,5d
MFJF
BX4,4d
BX8,5d
EBSN1
EBSP11
EBSP13
EBSP19
EBSP25
EBSP28
EBSP9
BAX8,4d
EBSR4



Connector	DU	Article no.
	1	95945430



Mounting Wedge

LxW: 210x27 mm Material: Plastic



	DU	Article no.
	1	95926000



**Installation Tool,
charge-air hose retaining clip**

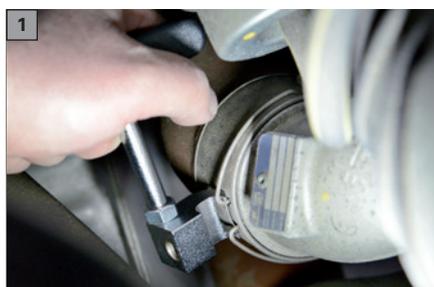
This practical tool enables the HENN clamps to be properly released on many charge air and coolant water hoses without bending or damaging the clamp.

■ T-handle can be moved by 90°. This makes it suitable for use in areas that are difficult to access.



Info: T-Handle
straight version
angled version

	DU	Article no.
	1	95924004





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2

Workshop Lamps

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Hand lamp

LED



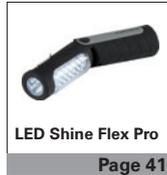
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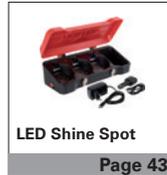


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LED Shine Spot
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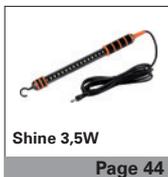


LED Shine Spot
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LED



Shine 3,5W
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LED Shine Exchange

Hand lamp

LED



LED Shine Exchange - the multifunctional hand lamp for professionals. The interchangeable light attachments (tool-free click in system) enable flexibility and provide the right lighting conditions for every situation. This makes it easy to illuminate larger surfaces, difficult-to-access areas in the engine bay, spot illumination or use in confined spaces. Other features include a fold-out hook, a charge/battery status display and a magnet. The set consists of a handle with an integrated battery and three lamp attachments:

- Torch (5 W LED / 300 LM, focusable, 180° kink- and 360° rotating)
- Inspection lamp (1 W LED / 80 LM, flexible swan neck, magnetic illuminated head)
- Workshop light (6 W LED / 600 LM, with TOP LED (1 W / 100 LM), 180° bendable and 360° rotating)

IP-Code: IP 44
Gauge: with battery status indicator
Battery: with load status display
 Li-Ion Rechargeable Battery
Battery capacity: 2600 mAh
Mounting Type: Magnet Mount

Connection type inlet: Micro-USB
Info: without charger with micro USB connector with USB cable with hook

Lumen lm	Burn Time h	Charging time h	DU	Article no.
80 to 600	3,5 to 11	4	1	99910164
Content			QU	
rechargeable Battery, hand lamp LED Shine Exchange			1	99910164001

LED Shine 360

Hand lamp

LED



The LED Shine 360 hand lamp impresses with its robust design and strong luminance with a beam angle of 120°. To ensure flexible usage of the hand lamp and the lighting levels you need, it is equipped with two fold-out hooks and extra magnets on the bottom of the housing and the rear. If necessary, the luminance of the main lamp can also be reduced by 50% to make the rechargeable

battery last longer. The spot lamp additionally included ensures selective illumination as a concentrated beam. Additional benefits:

- High luminance up to 900 lumens
- Turning through 90° and rotating 360° around its own axis.
- Built-in battery and charging level indicator
- Charger included in scope of supply

Rated Power 1: 10 W
Rated Power 2: 3 W
Light Design: LED
IP-Code: IP65
Gauge: with battery status indicator
Battery: with load status display
 Li-Ion Rechargeable Battery

Battery capacity: 4000 mAh
Mounting Type: Magnet Mount
Connection type inlet: Micro-USB
Info: with charger
 with hook
 with USB cable

Lumen lm	Burn Time h	Charging time h	DU	Article no.
150 to 900	2 to 6	2	1	99910161



LED Shine Flex Pro

Hand lamp

LED



Rated Voltage: 12 V
IP-Code: IP 24
Plug Type: Euro flat plug
Material: Plastic
Battery: Li-Ion Battery
 with load status display

Battery capacity: 2200 mAh
Mounting Type: Magnet Mount
Info: with charger
 with hook
 with cigarette lighter plug

Length mm	LEDs	Lumen lm	Burn Time h	Charging time h	DU	Article no.
230	5 21	50 150	4,5 to 12	3,5	1	99910212



LED Shine Spot

Hand lamp

LED



The LED Shine Spot hand lamp impresses with its compact design and strong luminance with a beam angle of 120°. The lamp is equipped with fold-out hooks and magnets on the bottom of the housing to ensure flexible usage and the lighting levels you need. The hand lamp can also be tilted through

180°. The built-in charging level indicator makes it easy to identify the charge level from a distance. The possible applications of the hand lamp can be extended thanks to our optional accessories from the LED Shine Spot series.

Rated Power: 5 W
IP-Code: IP 20
Reflection Angle: 120 °
Tilt angle: 180 °
Plug Type: Euro flat plug
Battery: with load status display
 Li-Ion Battery

Battery capacity: 2600 mAh
Mounting Type: Magnetic
 Bayonet
Connection type inlet: Micro-USB
Info: with charger
 with hook
 with USB cable

LEDs	Lumen lm	Burn Time h	Charging time h		DU	Article no.
1	225 to 450	3,5 to 7	3,5		1	99910163



2

LED Shine Spot Charger, hand lamp



The charger lets you charge three LED Shine Spot hand lamps at once and can also be used as a storage box.

Output Voltage: 5 V
Output current: 3 A
Plug Type: Euro flat plug
Connector: with USB socket
only in connection with: 99910163

	DU	Article no.
	1	99910163003



LED Shine Spot Holder, hand lamp



The telescopic bonnet mounting is equipped with two holders for the LED Shine Spot hand lamp (hand lamps not included in scope of supply). The holders can be moved horizontally along the guide rail of the

telescopic bar and fixed in place. The bracket also rotates 360° around its own axis. Thanks to a recess, the hand lamp can be easily secured to the holder and simply removed from the bracket whenever necessary.

Mounting Type: Bolted
 Bayonet
Control Type: Shift Actuation
Number of adjusting elements: 2
only in connection with: 99910163

Fitting Position	Extension length mm	Rotation angle °	DU	Article no.
Bonnet	1200 to 1600	360	1	99910163001





LED Shine Spot

Holder, hand lamp



The individual holder functions as an optional extension of the telescopic bonnet mounting. You can add as many lamps as you want

to the bracket depending on the lighting you need.

Mounting Type: Bolted Bayonet
Number of adjusting elements: 1
only in connection with: 99910163
99910163001

Rotation angle °	DU	Article no.
360	1	99910163002



Shine 3,5W

Hand lamp

LED



Voltage: 230 V
Rated Power: 3,5W
IP-Code: IP 20
Plug Type: Euro flat plug
Cable ID: H05RN-F 2x0,75mm²
Mains Cable Length: 5 m
Mounting Type: Glued with handle with hook
Info:

Length mm	Temperature range °C	LEDs	Lumen lm	Connector	DU	Article no.
420	0 to +40	16	400		1	99910245



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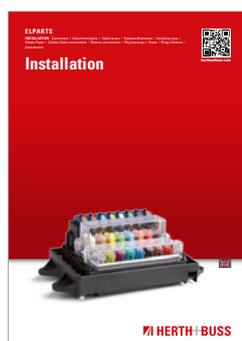


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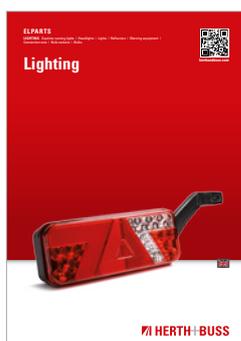


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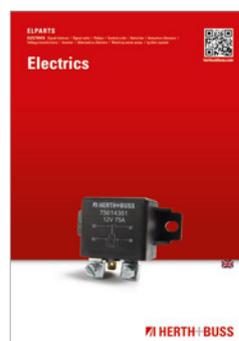
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