

BUSCHiNG

BUSCHiNG All about the battery | Test & measurement Technology | Engine diagnostics |
Special tools | Compressed air tools & accessories | Lifting Technology | Workshop Tools |
Rubber pads & accessories | HV-Service



herthundbuss.com

Your partner for tools and workshop equipment!



BUSCHiNG

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
- ISO 27001:2017 Information Security Management
- DE AEOF 102808 Authorized Economic Operator



Verband der
Automobilindustrie



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BUSCHiNG

Your partner for tools and workshop equipment

With the BUSCHiNG product range brand, we offer a high-performance portfolio of tools and workshop equipment for professional workshop use. BUSCHiNG stands for quality, innovation and practical solutions for reliable results.

Our services for you:

- Tools and workshop equipment in professional quality
- Measuring and testing technology for precise diagnostics
- Innovative solutions for everyday workshop work
- Wide range of applications from vehicle electrics to special tools
- Complementary products for lifting, compressed air and body work

ALL ABOUT THE BATTERY

Battery testers



Chargers



Booster



Service tools & accessories



TEST & MEASUREMENT TECHNOLOGY

Current measuring devices



Simulation & test devices



Special test devices



Test accessories



COMPRESSED AIR TOOLS & ACCESSORIES

Tyre inflators



Air tools



Hoses & hose holders



RUBBER PADS & ACCESSORIES

Rubber blocks



Access ramps



Rubber plates



Rubber pads



Adapters & spacers



BUSCHiNG

ENGINE DIAGNOSTICS

Endoscopes



Acoustics



Ignition & glow system



Pressure test



Leak test



Temperature test



Engine speed



SPECIAL TOOLS

Glow plugs & injectors



Brakes



Bodywork



Chassis



Engine



Other



HV-SERVICE

Workshop equipment



LIFTING TECHNOLOGY

Cranes



Supports



WORKSHOP TOOLS

Exhaust extraction



Brake service



Jugs & funnels



Pumps



Workshop equipment





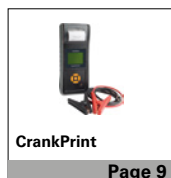


All about the battery

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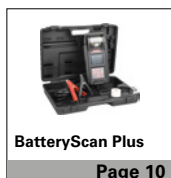


All about the battery



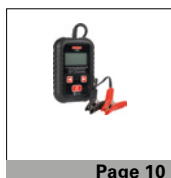
CrankPrint

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BatteryScan Plus

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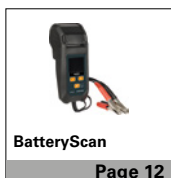
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BatteryScan

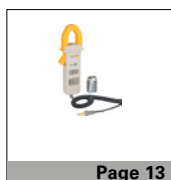
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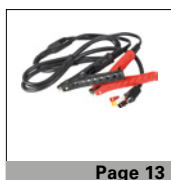
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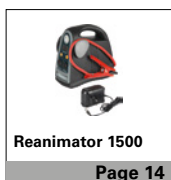
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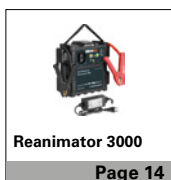


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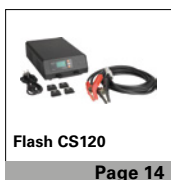
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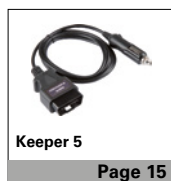
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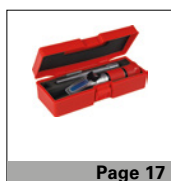
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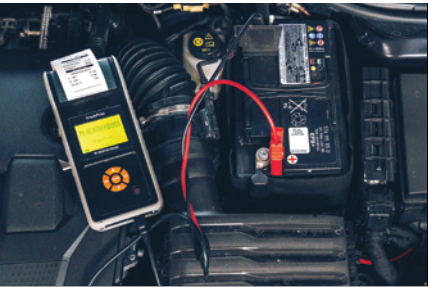


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CrankPrint
Tester, battery



This testing unit has been developed for testing starter batteries and for testing the starter and charge system in motor vehicles. Thanks to the advanced conductivity measurement method, the cold- start performance and/or the general state (starting capability) of a starter battery can be determined precisely, reliably and safely without placing an unnecessary strain on it. Alongside vehicle workshops, users also include manufacturers of automobi-

les and batteries in addition to battery dealers. It is suitable for AGM, spiral, flat-plate, gel, EFB and conventional wet-cell batteries.

- With an integrated thermal printer
- Direct detection of defective battery cells
- Automatic temperature compensation
- Reverse polarity protection for the appliance and battery
- Also tests discharging batteries
- Saves the last 100 test results

Voltage:	12 V 6 V	Workshop equipment:	with reverse polarity protection
Required battery:	9V Block	Display:	LCD
Battery capacity:	to 300 Ah	recommended accessories:	AU260800004
WxHxD:	102 x 245 x 64 mm		
Cable length:	1,08 m		

Measuring range (cold test current SAE) CCA	Language version	Test standard	DU	Article no.
100 to 2000	French German English Italian Spanish	BCI SAE DIN EN JIS IEC GB MCA	1	95972081
Content			QU	
Paper Roll, battery tester			1	95972081001



 **YouTube**

[herthundbuss.com/channel](https://www.youtube.com/channel/UC...)



BatteryScan Plus

Tester, battery



This high-performance battery tester with integrated start and charging system test allows cold start capability to be determined for individual batteries and for battery packs connected in series or parallel. With an extra-long cable, it is particularly well suited for commercial vehicle workshops and vehicle fleets. Equipped with a colour TFT LCD display, an intuitive user interface and a temperature sensor, it is designed for speed, accuracy and ease of use.

- Suitable for all common battery types (lead-acid, AGM, EFB, VRLA, GEL)
- Heavy-duty application allows testing of two to six battery packs connected in parallel or two connected in series

- Infrared temperature sensor for precise real-time temperature compensation
- Intuitive, clear and user-friendly interface with virtual keyboard for quick input
- Firmware can be updated via the PC software if required
- Accompanying PC software allows test results to be downloaded, managed and exported
- Built-in self-diagnosis/self-monitoring of connection cables and battery terminals guarantees reliable precision and performance
- Optional connection for multimeter measuring lines and clamp meter

Voltage: 6 V
12 V
24 V
Required battery: AA (Mignon)
Battery capacity: to 800 Ah

WxHxD: 140 x 285 x 75 mm
Cable length: 4,5 m
Workshop equipment: with integrated thermal printer
Display: LCD

Measuring range (cold test current SAE) CCA	Test standard	DU	Article no.
25 to 6000	SAE DIN EN IEC JIS MCA	1	BU011001 100962
Content		QU	
Paper Roll, battery tester		1	BU015005
Spare cable, battery tester		1	BU015006
Accessories	see	DU	
Ampere Pliers	Page 13	1	BU015001

Tester, battery



The compact standard battery tester checks starter and charging systems and delivers accurate results. Equipped with a 4-line LCD with adjustable brightness, temperature compensation and protective cover for high mobility.

Voltage: 12 V
Battery capacity: to 260 Ah
WxHxD: 100 x 140 x 30 mm

Cable length: 1 m
Display: LCD

Measuring range (cold test current SAE) CCA	Test standard	DU	Article no.
25 to 2000	SAE DIN EN IEC JIS MCA	1	BU011003 100900



Tester, battery



The Heros battery tester is suitable for lead-acid, AGM, EFB, GEL and VRLA start-stop batteries in the 6/12/24 V voltage range and also offers a charging system test for 12/24 V. Specially developed for use in truck and fleet operations, the tester enables batteries and charging systems to be tested quickly and reliably thanks to the 24 V test in series connection. This ensures a high degree of mobility and efficiency in daily operation. All measured results are clearly displayed in text and graphic form in the selected menu language via the integrated 2" thermal printer module. The device is particularly suitable for commercial vehicles thanks to its series connection and extensive compatibility.

- Scope of delivery:
- 1 x battery and charging system tester
 - 6 x 1.5 V AA batteries
 - 1 x thermal roll

- Technical data:
- Application: Battery test 6/12 V, test in series connection 24 V, charging system test 12/24 V, IR test
 - Screen: 4-colour LCD with backlighting
 - Battery types: Lead acid, AGM, EFB, gel, VRLA
 - Battery capacities: CCA/SAE, EN, JIS, DIN, IEC, CA/MCA
 - Operating range: 25–2,000 CCA across the entire battery capacity according to CCA/SAE, EN, DIN, IEC, JIS, CA/MCA
 - Voltmeter: 1–31.5 V
 - Temperature compensation: Adjustment for different temperatures above/below 0 °C (32 °F)
 - Languages: English, French, Spanish, German, Italian, Portuguese
 - Printer: Integrated 2" thermal printer

Voltage:	6 V 12 V 24 V	WxHxD:	130 x 250 x 45 mm
Required battery:	AA (Mignon)	Cable length:	3 m
Battery capacity:	to 520 Ah	Workshop equipment:	with integrated thermal printer
		Display:	LCD

Measuring range (cold test current SAE) CCA	Language version	Test standard	DU	Article no.
25 to 4000	German English French Spanish Italian Portuguese	SAE DIN EN IEC JIS MCA	1	BU011004 100902
Content			QU	
Paper Roll, battery tester			1	BU015005
Spare cable, battery tester			1	BU015006

[herthundbuss.com/channel](https://www.youtube.com/channel/UC...)

Tester, battery



The battery tester has an integrated load resistor and performs automated test sequences.

Voltage:	12 V	Cable length:	0,39 m
Battery capacity:	30 to 180 Ah	Display:	LED
WxHxD:	290 x 165 x 65 mm		

Measuring range (cold test current SAE) CCA	Test standard	DU	Article no.
to 1000	SAE	1	BU011005 100262



BatteryScan

Tester, battery



The battery tester enables fast and accurate testing of 6 and 12 V batteries as well as start and charging system checks for 12 and 24 V systems. The test results can be saved and

managed, exported via PC software or printed directly using the integrated thermal printer – for complete and professional documentation.

Voltage: 6 V
12 V
Required battery: AA (Mignon)
WxHxD: 103 x 249 x 77 mm

Workshop equipment: with integrated thermal printer
Display: LCD

Measuring range (cold test current SAE) CCA	Test standard	DU	Article no.
25 to 2000	SAE DIN EN IEC JIS MCA	1	BU011006
Content		QU	
Paper Roll, battery tester		1	BU015005

Paper Roll, battery tester



Length: 10 m **Weight:** 20 g

Width mm	Diameter mm	QU	Qty	DU	Article no.
37	25	Piece	2	1	BU015004 990126
for article number					
100266					

Paper Roll, battery tester



Length: 30 m **Weight:** 90 g

Width mm	Diameter mm	QU	Qty	DU	Article no.
57	50	Piece	5	1	BU015005 990230
for article number					
BU011001 BU011002 BU011004 BU011006					

Ampere Pliers



Cable length: 10 m
Weight: 242 g
Opening width: to 30 mm
Required battery: 9V Block

Measuring range DC A	Measurement category	DU	Article no.
600	CAT III (600V)	1	BU015001 100653
for article number BU011001			

Spare cable, battery tester



Length: 500 mm

	DU	Article no.
	1	BU015006 990342
for article number BU011001 BU011004		

Spare cable, battery tester



Length: 1,8 m

	DU	Article no.
	1	BU015007 990341
for article number 100701		



Reanimator 1500

Jump Starter



Voltage:	12 V	Combi Switch	On/Off Switch
for diesel engines to:	5000 cm ³	Function:	
for petrol engines to:	8000 cm ³	Gauge:	with load status display
Inrush current (12V):	700 A	Info:	with cigarette lighter socket
Peak current (12V):	1500 A		with integrated work light
Battery capacity:	24 Ah		95980706
Registration type:	CE approved	recommended accessories:	
Battery:	LFP Battery (LiFePO4)		
Connector:	with USB socket		
Output voltage USB:	5 V		
Output current USB:	2400 mA		

	DU	Article no.
	1	BU013003

Reanimator 3000

Jump Starter



Voltage:	12 V	Battery capacity:	54 Ah
	24 V	Registration type:	CE approved
for diesel engines to:	13000 cm ³	Battery:	Lithium Polymer Battery
for petrol engines to:	9900 cm ³	Connector:	with USB socket
Inrush current (12V):	1500 A	Output voltage USB:	5 V
Peak current (12V):	900 A	Output current USB:	2400 mA
Peak current (24V):	3000 A	Gauge:	with load status display
Peak current (24V):	1800 A		

	DU	Article no.
	1	BU013004

Flash CS120

Battery Charger



The battery charger can be used both as a powerful charger and as a stable power source. It reliably supplies the vehicle electrical system during diagnostic work and software updates

and is also suitable for lithium batteries – for maximum flexibility in everyday workshop use.

Voltage:	12 V	Charger Cable Length:	5 m
max. Charging current:	120 A	Gauge:	with LED display
Battery capacity (charging):	20 to 1000 Ah		with digital display

	DU	Article no.
	1	BU012005





Keeper 5

Memory Saver, electrical system



The Keeper 5 power save system supplies the vehicle with power while the battery is being replaced to ensure that various settings, such as radio codes, seat memory etc., are retained.

- simple connection via the OBD socket
- can be used together with any standard start booster

Voltage: 12 V
Version: OBD II
Cable length: 2,3 m
Gauge: with LED display
Info: with cigarette lighter plug

			DU	Article no.
			1	95980706
Content			QU	
Fuse			1	50295150
Accessories		Rated current	see	DU
		A		
Socket		8	Katalog04	1
for article number				51306346
BU013003				

Overvoltage Protector, battery



High voltages, such as those that can occur during assisted starts, welding or when charging the battery, are reliably absorbed by the device.

- Battery does not need to be disconnected
- prevents damage to the sensitive on-board electronics
- no reverse polarity possible

Voltage: 12 V
24 V
Cross section: 16 mm²
WxHxD: 40 x 50 x 25 mm
Cable length: 300 mm
Gauge: with LED display

			DU	Article no.
			1	95980749

Memory Saver, electrical system



Voltage: 12 V
Version: OBD II
Cable length: 2,5 m
Vehicle equipment: for vehicles with OBD
Info: with steel plate pliers
with overvoltage protection

			DU	Article no.
			1	AU200000



1



Battery Cell Filler



The handy metering bottle is suitable for neatly refilling wet cell batteries that are not maintenance-free. The filling process stops automatically once the target fill level has been reached.

Chemical properties: Oil resistant
Acid proof **Material:** Plastic

Capacity l	Colour	DU	Article no.
1		1	BU015021 ZA-980
Content		QU	
Valve, battery cell filler		1	BU015022

Battery Cell Filler



The handy metering bottle is suitable for neatly refilling wet cell batteries that are not maintenance-free. The filling process stops automatically once the target fill level has been reached.

Chemical properties: Oil resistant
Acid proof **Material:** Plastic

Capacity l	Colour	DU	Article no.
2		1	BU015011 ZA-298
Content		QU	
Valve, battery cell filler		1	BU015012

Valve, battery cell filler



only in connection with	Colour	DU	Article no.
BU015011		1	BU015012 ZA-919
BU015021		1	BU015022 ZA-981



Wire Brush, battery terminal/ clamp cleaning



Clamp version: for positive terminal
for negative terminal

Bristle length mm	DU	Article no.
30	1	91971014

Wire Brush, battery terminal/ clamp cleaning



This tool is used to thoroughly clean any contamination or oxidation from the battery poles and battery pole clamps. This ensures no loss of current flow and low transition resistances.

Clamp version: for positive terminal
for negative terminal

	DU	Article no.
	1	BU015003 ZA-977

Antifreeze-/Battery Acid Testing Unit (Refractometer)

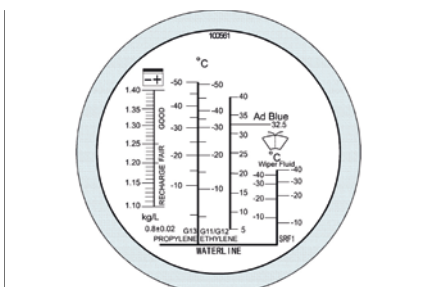


The manual refractometer with adjustable eyepiece is suitable for measuring and testing AdBlue®, radiator antifreeze (G11, G12 and G13), windscreen washer antifreeze and battery acid density. It is equipped with automatic temperature compensation (ATC).

Scope of delivery:

- 1 x metal refractometer
- 1 x pipette
- 1 x screwdriver for calibration

Measuring range (AdBlue®) %	Measuring range (battery acid) g/cm ³	Measuring range (Radiator anti- freeze) °C	Measuring range (Windshield anti- freeze) °C	DU	Article no.
5 to 40	1,10 to 1,40	-50 to 0	-40 to 0	1	BU037010 100561





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Test & measurement Techno-



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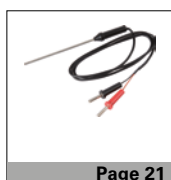


Test & measurement Technology

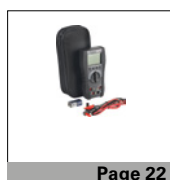
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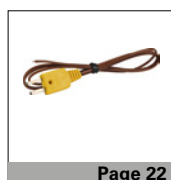
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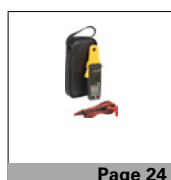
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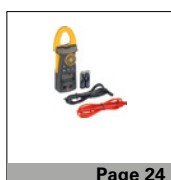


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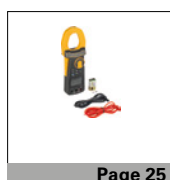
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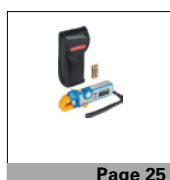
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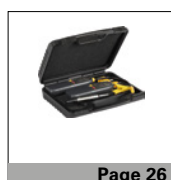
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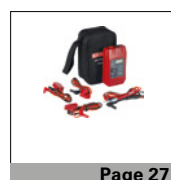
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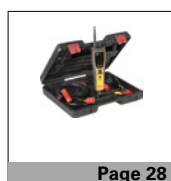
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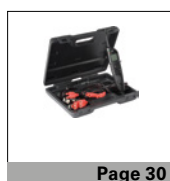
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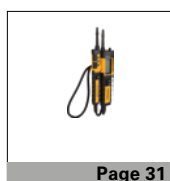
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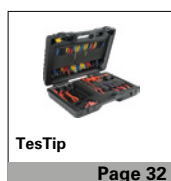
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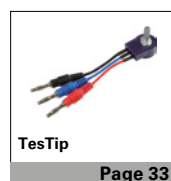


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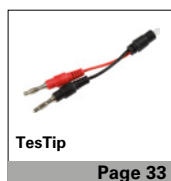


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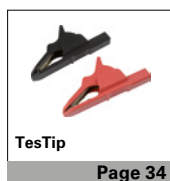
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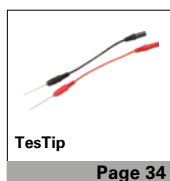
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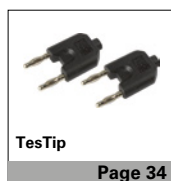
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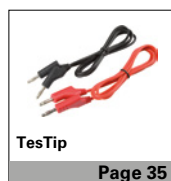
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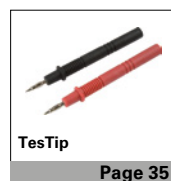
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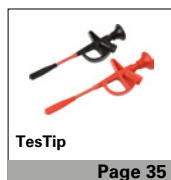
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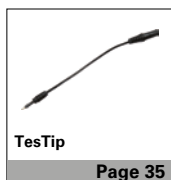
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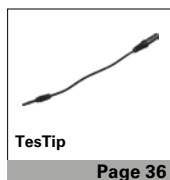
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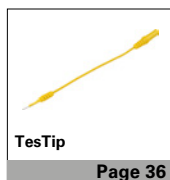
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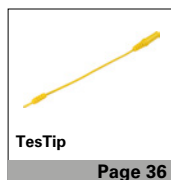
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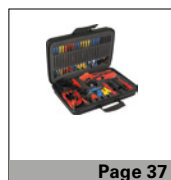
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TesTip

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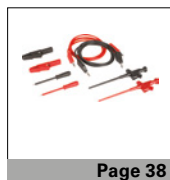
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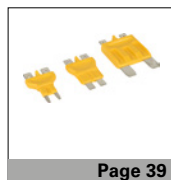
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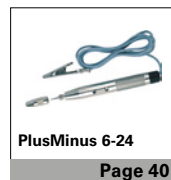
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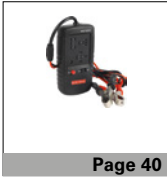


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PlusMinus 6-24

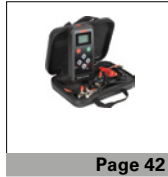
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2

Multimeter



The digital multimeter is an essential assistant in every workshop. It measures electrical values such as voltages and frequencies. The multimeter is also designed for temperature measurement in air-conditioning systems. It has automatic or manual measurement settings. It has a Data Hold function, i.e. various readings can be frozen during the measurement process and retrieved as and when required. You can also use the multimeter to detect the cam angle of the ignition timer shaft on ignition timer systems of all standard four-stroke multi-cylinder engines. The same app-

lies for reading engine speeds. It has an clear, easy-to-read illuminated LCD display. The multimeter can withstand knocks and dropping because there are no moving parts to damage. It is therefore ideal for intensive workshop use.

- automatic or manual selection of measurement range
- automatic switch-off after 30 minutes idle
- values saved (data hold)
- cam angle and speed measurement
- delivery includes measurement cable, temperature sensor and battery

Duty cycle: 5 to 95 %
Registration type: CE approved
Gauge: with illuminated LCD display
WxHxD: 83 x 165 x 47 mm

Required battery: Included in the delivery
9V Block
Carbon Zinc Battery (ZnC)
Info: with continuity test function
with diode test function
Measuring range: -20 to 1000 °C

Measuring range AC V	Measuring range DC V	Measuring range A	Measuring range Ω	Measuring range Hz	DU	Article no.
4 40 250	0,4 4 40 250	0 to 10	400 Ohm to 40 MOhm	5 Hz to 200 kHz	1	95980775
Content				Rated Current A	QU	
Fuse				0,5	1	50295044
Temperature Probe, multimeter					1	95980775001
Accessories				see	DU	
Ampere Pliers Claw 400				Page 23	1	95980785
Test Lead Set TesTip				Page 32	1	95980778
Multimeter Holding Wire				Page 33	1	95980778032



YouTube

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Temperature Probe, multimeter



Number of Poles: 2
Cable length: 0,85 m
Info: with banana plug

Measuring accuracy +/- %	Temperature range °C	DU	Article no.
0,8	-50 to +700	1	95980775001
for article number 95980775			





Multimeter



The digital multimeter has automatic range selection, TRMS measurement for true effective values and meets high safety standards according to CAT III 1000 V and CAT IV 600 V. It offers extensive electrical measurement functions such as DC/AC voltage and current measurement, resistance, diode and continuity measurement, as well as relative value measurement and non-contact voltage detection with acoustic and visual alarms. A large backlit display, measured value hold function,

automatic shut-off and a measurement sequence of 3 measurements per second make it easier to use. Resolution: 2,000, 3 ½ digits
Scope of delivery:

- 1 x digital multimeter
- 1 x measuring cable set; test cable with angled plug and test probes (red/black)
- 1 x 9 V block battery
- 1 x operating instructions
- 1 x storage bag

Gauge: with illuminated LCD display
WxHxD: 110 x 250 x 65 mm

Required battery: 6LR61
Included in the delivery

Measuring range AC V	Measuring range DC V	Measuring range A	Measuring range Ω	Measurement category	DU	Article no.
0 750	1000 0	0 to 10	0 MOhm to 19,99 MOhm	CAT III (1000V) CAT IV (600V)	1	BU021001 100882
Content					QU	
Fuse					1	BU021001003
					1	BU021001004
Multimeter Holding Wire					1	BU024009

Multimeter



The multimeter displays the true effective values for both sinusoidal and distorted signals and can also measure frequency and duty cycle.

Gauge: with illuminated LCD display
WxHxD: 110 x 250 x 65 mm

Required battery: 6LR61
Included in the delivery
Measuring range: -200 to 1300 °C

Measuring range AC V	Measuring range DC V	Measuring range A	Measuring range Ω	Measurement category	DU	Article no.
0 750	0 1000	0 to 10	0 MOhm to 60 MOhm	CAT III (1000V) CAT IV (600V)	1	BU021002 100856
Content					QU	
Temperature Probe, multimeter					1	BU021002001

Temperature Probe, multimeter



Cable length: 1,15 m

Measuring range °C	DU	Article no.
-20 to 200	1	BU021002001 990313
for article number		
BU021002		

Claw 100

Ampere Pliers



Especially suited to precise measurements in the lower current area. This allows closed current measurements to be conducted without having to separate the circuit.

- automatic selection of measurement range
- automatic switch-off after 15 minutes idle
- values saved (data hold)
- delivery includes measuring cable and bag

Registration type:

GS approved

CE approved

WxHxD:

71 x 226 x 38 mm

Weight:

200 g

Gauge:

with LCD display

Info:

with continuity test function

with diode test function

Required battery:

Included in the delivery

LR 03

Carbon Zinc Battery (ZnC)

Measuring range AC V	Measuring range DC V	Measuring range AC A	Measuring range DC A	Measuring range Ω	DU	Article no.
4 40 400 600	0,4 4 40 400 600	40 100	40 100	400 Ohm to 40 MOhm	1	95980776

Claw 400

Ampere Pliers



The clamp meter is suitable for measuring high flows up to 400 amperes.

- measurement of AC/DC current
- with zero point key
- bag included in delivery

WxHxD:

73 x 186 x 40 mm

Cable length:

2,3 m

Weight:

300 g

Additionally required

Multimeter

parts:

Gauge:

with battery status indicator

Info:

with banana plug

Required battery:

Included in the delivery

9V Block

Carbon Zinc Battery

(ZnC)

Measuring range AC A	Measuring range DC A	DU	Article no.
40 400	40 400	1	95980785
Accessories		see	DU
Multimeter		Page 21	1 95980775



YouTube

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Ampere Pliers



Particularly suitable for precise measurements in the low current range. This allows quiescent current measurements to be conducted without having to isolate the circuit.

- automatic selection of measuring range
- compact, ideal for confined spaces
- values saved (data hold)
- delivery includes measuring cable and bag

WxHxD: 70 x 202 x 34 mm
Weight: 180 g
Gauge: with LCD display

Info: with continuity test function
Frequency range: 50 Hz to 500 Hz

Measuring range AC V	Measuring range DC V	Measuring range AC A	Measuring range DC A	Measuring range Ω	DU	Article no.
600 0	600 0	100 0	100 0	0 Ohm to 100 kOhm	1	BU021011 100849
Accessories				see	DU	
Test Lead Set				Page 37	1	BU024003

Ampere Pliers



These robust ampere pliers support the following measurement options:

- Direct current and alternating current
- Data hold function
- Relative measurement

- Resistance and frequency measurement
- Continuity test, diode test
- Capacitance test
- Closing angle %
- AC DC zero position.

Required battery: AA (Mignon)
Included in the delivery

Frequency range: 50 Hz to 100 kHz

Measuring range AC V	Measuring range DC V	Measuring range AC A	Measuring range DC A	Resistor Ohm	DU	Article no.
0 600	0 600	0 240	0 600	0 Ohm to 24 MOhm	1	BU021012 100141





Ampere Pliers



These robust ampere pliers support the following measurement options:

- Direct current and alternating current
- Data hold function
- Relative measurement
- Resistance and frequency measurement
- Continuity test, diode test
- Capacitance test
- Closing angle %
- AC DC zero position.

Required battery: 9V Block
Included in the delivery

Frequency range Hz	Measuring range A	Measuring range V	Resistor Ohm	DU	Article no.
0 Hz to 100 kHz	0 to 2000	0 V to 1000 V	0 Ohm to 24 MOhm	1	BU021013 100142



Ampere Pliers



- For leakage current measurement
- 3 2/3-digit, 11 mm LCD display
- Resolution: 1 mA · 100 mA
- Data hold function
- Non-contact voltage detector
- Safety: IEC-1010-1
- Includes voltage detector

Gauge: with LCD display
Info: with integrated work light

Required battery: Included in the delivery
AAA (Micro)

Measuring range A	Measurement category	Wire Ø mm	DU	Article no.
2 to 80	CAT III (600V)	to 18	1	BU021014 100316





Electronic Detector

Suitable for quickly locating short circuits, cable breaks and leakage currents without having to pierce any cables.

Switch stages: 3 Packaging: Plastic Case
Required battery: 9V Block

Measuring range V	Battery Life h	DU	Article no.
6 V to 42 V	25	1	BU023001 100425



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Electronic Detector



Detector for quick testing of electromagnetic components. Suitable for checking the function of ignition coils, alternators, injectors, spark plugs, Hall sensors and relays, among other things. The detector is simply held over the electrical component to be tested. An

acoustic signal and illuminated LEDs reliably indicate whether the component is functioning properly. The detector tip has two sides with different sensitivities, allowing it to be precisely adapted to different applications.

Gauge: with LED display **Required battery:** AA (Mignon)
Included in the delivery

Length mm	DU	Article no.
310	1	BU023002 100576




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Voltage/current measurement device



The Creep Current Measurement Box is a mobile DCA measuring device with LCD display for fast and precise measurement of quiescent and creep currents in the range from 5 mA to 50 A. The measurement is carried out in parallel via the fuse without interrupting the circuit or removing the fuse, and can be per-

formed either with the standard test leads or using the fuse adapters included in the scope of delivery. The device analyses the respective circuit and emits an acoustic signal depending on whether it is active, inactive or open. The measured current value is clearly displayed on the LCD screen.

Direct current: 6 to 24 V **Operating temperature:** -6 to 49 °C
Rated current: 0,005 to 50 A
Required battery: AA (Mignon)
Cable length: 910 mm **Fuse Type:** for mini-blade plug-in fuse
for standard plug-in fuse
for max-blade plug-in fuse

	DU	Article no.
	1	BU023003 100740




YouTube

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Voltage/current measurement device

Makes troubleshooting electrical systems in the vehicle easier. It is possible to actuate and test various components including relays, lamps, electric motors etc. by applying battery voltage and/or connecting to ground.

- Power consumption of the components is indicated during actuation
- Signal frequency and resistance testing
- Integrated temperature sensor in the tip
- Test probe can be removed, providing a banana plug socket for connecting other test adapters

- Additional connection for a type K thermocouple
- Scope of delivery:
- 1 x combi tester
 - 1 x connection adapter with battery terminals
 - 1 x adapter connector for cigarette lighter
 - 1 x wire thermocouple (type K)
 - 1 x test probe (long)
 - 1 x test needle for insulated cables (long)
 - 1 x extension adapter

Direct current: 6 to 24 V
Rated current: to 5 A
Registration type: CE approved
Power supply: Via starter battery
Cable length: 6 m

Gauge: with illuminated LCD display
Info: with integrated work light with cigarette lighter plug

Measuring range DC V	Measuring range Ω	Measuring range Hz	Measuring range $^{\circ}\text{C}$	DU	Article no.
70	200 kOhm	to 300 kHz	to 150	1	BU023004 100850
Accessories				see	DU
Connecting Cable, socket				1	BU023004001



Voltage/current measurement device



The combi tester powers the components or assemblies being tested. This enables polarity and continuity tests or component tests to be run, for example. The toggle switch allows you to switch to positive or negative voltage, which is indicated by the LED lighting up green or red. It is a multifunctional tester that can be operated with one hand. 6 to 24 volt electrical systems on cars, HGVs and motorcycles can be tested. The built-in LED lamp illu-

minates the work areas. Troubleshooting can be performed by connecting positive or negative potential. This potential is indicated by 2 different coloured LEDs: GREEN/RED. The automatic switch-off function is triggered as from a load of 10A. Also equipped with continuity tester with optical signal.

- Test probe extension 9 cm
- Test earth cable length 0.8 m
- Overvoltage protection 10 A

Housing material: Plastic
Power supply: Via starter battery

Cable length: 2 m
Gauge: with LED display

Measuring range V	DU	Article no.
6 V to 24 V	1	BU023006 100916



Voltage Detector



Makes troubleshooting electrical systems in the vehicle easier. It is possible to actuate and test various components including relays, lamps, electric motors etc. by applying battery voltage and/or connecting to ground. Inductive high-voltage and frequency measurements

Direct current: 6 to 24 V
Rated current: to 8 A
Registration type: CE approved
Cable length: 12 m
Gauge: with illuminated LCD display

can also be used to detect failed cylinders without having to remove the spark plug connectors.

- optical polarity display
- cable extension makes troubleshooting of trailers easier

Info: with integrated work light
with continuity test function
with short circuit protection
with cigarette lighter plug

	DU	Article no.
	1	BU023007

Voltage Detector



This tester in high-voltage category CAT IV is primarily used for voltage measurements on high- voltage systems up to 1000 V and is used, among other things, for determining de-energisation on HV- intrinsically safe hybrid and electric vehicles.

- double switch and function switch for safety
- LCD resolution 1 V and voltage bar chart
- polarity check

- phase check: 1000 V ~ 1000 V
- continuity test: with LCD and buzzer display
- contactless voltage measurement: > 90-V alternating voltage
- automatic switch-off
- testing area lighting
- removable probe caps for protecting the user and the probe

Direct current: 6 to 1000 V
Alternating current: 24 bis 1000 V
IP-Code: 65
Registration type: GS approved

Required battery: Not included in the delivery
Cable length: 880 mm
Info: with integrated work light

	DU	Article no.
	1	95980793





TesTip

Test Lead Set



TesTip is a set of different measuring cable sets, which enables simplified troubleshooting and secure signal pick-up through direct contact in electric vehicle components. The 94-part case set contains various adapters (measuring cable sets). The set also includes polarity tester which can be used to test Hall and

photosensors and determine positive or earth-controlled injectors. Measuring potentiometers for checking temperature sensors, fuel sensors and throttle valve position sensors are included. The contained measuring resistors enable airbag circuits to be checked. All individual components can be adjusted.

				Qty	DU	Article no.
				94	1	95980778
Content	Diameter mm	Socket Width mm	Plug type	QU		
Multimeter Holding Wire TesTip	0,8		Blade Terminal	3		95980778018
			Blade Terminal Sleeve	3		95980778019
		1,2	Blade Terminal	4		95980778020
			Blade Terminal Sleeve	4		95980778021
	2,0		Blade Terminal	4		95980778022
			Blade Terminal Sleeve	4		95980778023
	2,5		Blade Terminal	3		95980778024
			Blade Terminal Sleeve	3		95980778025
	3,0		Blade Terminal	4		95980778026
			Blade Terminal Sleeve	4		95980778027
	5,0		Blade Terminal	3		95980778028
			Blade Terminal Sleeve	3		95980778029
	6,0		Blade Terminal	3		95980778030
			Blade Terminal Sleeve	3		95980778031
Multimeter Holding Wire	1,5		Round Connector Sleeve	3		95980778011
			Round Plug	3		95980778010
Multimeter Holding Wire	2		Round Connector Sleeve	3		95980778013
			Round Plug	3		95980778012
Multimeter Holding Wire TesTip	3,5		Round Connector Sleeve	3		95980778015
			Round Plug	3		95980778014
	4		Round Connector Sleeve	3		95980778017
			Round Plug	3		95980778016
	4,5			4		95980778008
Plug Distributor TesTip				2		95980778007
Polarity Tester TesTip				2		95980778002
Potentiometer TesTip				2		95980778001
Probe, multimeter TesTip				2		95980778009
				2		95980778005
				4		95980778006
SRS Plug, test resistor TesTip				2		95980778003
Terminal, electric universal parts TesTip				2		95980778004
Accessories				see	DU	
Multimeter				Page 21	1	95980775
Voltage Detector				Katalog08	1	95980792
Multimeter Holding Wire				Page 33	1	95980778032



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Multimeter Holding Wire



This drum is used as an extension between the multimeter/oscilloscope and all the individual measuring cables from our measuring cable set 95980778 and 95980708.

Rated current: to 10 A **Info:** with banana plug
Cable length: 6 m

	DU	Article no.
	1	95980778032



2

TestTip

Potentiometer



Resistor: to 5 kOhm **Cable length:** 50 mm
Number of connectors: 3 **Info:** with banana plug

	Cable	Qty	DU	Article no.
		2	1	95980778001

TestTip

Polarity Tester



Cable length: 50 mm **Info:** with banana plug

	LED	Cable	Qty	DU	Article no.
			2	1	95980778002

TestTip

SRS Plug, test resistor



Resistor: 2 Ohm **Info:** with banana plug

	Colour	Qty	DU	Article no.
		2	1	95980778003



TesTip

Terminal, electric universal parts



Info: with banana plug socket

	Colour	Qty	DU	Article no.
	● ●	2	1	95980778004

TesTip

Probe, multimeter



Needle Length: 34 mm Cable length: 100 mm
Needle Diameter: 0,75 mm Info: with banana plug socket

	Cable	Qty	DU	Article no.
	● ●	4	1	95980778006

TesTip

Plug Distributor



Number of connectors: 3 Info: with banana plug socket
with banana plug

	Colour	Qty	DU	Article no.
	●	2	1	95980778007



TestTip
Multimeter Holding Wire



Cable length: 950 mm **Info:** with banana plug socket
with banana plug

Diameter mm	Cable	Qty	DU	Article no.
4,5		4	1	95980778008



2

TestTip
Probe, multimeter



Info: with banana plug socket
with banana plug

Length mm	Colour	Qty	DU	Article no.
150		2	1	95980778005

TestTip
Probe, multimeter



Info: with stick-on function
with banana plug socket

	Colour	Qty	DU	Article no.
		2	1	95980778009

TestTip
Multimeter Holding Wire



Cable length: 110 mm **Info:** with banana plug socket

Diameter mm	Cable	Qty	DU	Article no.
1,5		3	1	95980778010
2		3	1	95980778012
3,5		3	1	95980778014
4		3	1	95980778016



TesTip

Multimeter Holding Wire

Cable length:

110 mm

Info:

with banana plug socket

Diameter mm	Cable	Qty	DU	Article no.
1,5		3	1	95980778011
2		3	1	95980778013
3,5		3	1	95980778015
4		3	1	95980778017

TesTip

Multimeter Holding Wire

Cable length:

110 mm

Info:

with banana plug socket

Socket Width mm	Cable	Qty	DU	Article no.
0,8		3	1	95980778018
1,2		3	1	95980778020
2,0		3	1	95980778022
2,5		3	1	95980778024
3,0		3	1	95980778026
5,0		3	1	95980778028
6,0		3	1	95980778030

TesTip

Multimeter Holding Wire

Cable length:

110 mm

Info:

with banana plug socket

Socket Width mm	Cable	Qty	DU	Article no.
0,8		3	1	95980778019
1,2		3	1	95980778021
2,0		3	1	95980778023
2,5		3	1	95980778025
3,0		3	1	95980778027
5,0		3	1	95980778029
6,0		3	1	95980778031

Test Lead Set



This diagnostic case has an assortment of different components for most connecting cables for testing parts such as sensors, valves and injection nozzles. All cables are sorted by plug and socket pairs and terminal sizes. Example applications: The ATC fuse adapter (Mini and Maxi) and ATC fuse adapter with measuring loop can be used for measurements using a current clamp. The variable potentiometer (adjustable up to 10 K Ω $\pm$ 10%) can be used for quick and simple resistance adjustments, without the help of a multimeter, when simulating sensor units for the resistance measurements. The SRS plugs enable the power consumption of SRS airbags to be confirmed by connecting them to check for short circuits before a new SRS airbag is installed. The polarity and pulse connectors can be used to check the correct wiring of terminal blocks and to compare pulses or signals between injection nozzles. The LED lights up red if the polarity is incorrect, and green if the polarity is correct.

Scope of delivery:

- 2 x insulation piercing clamp with needle test tip (1 x red, 1 x black)
- 2 x removable test tip 10 A (1 x red, 1 x black)
- 2 x crocodile clip 32 A, 1000 V (1 x red, 1 x black)
- 1 x potentiometer (adjustable up to 10 K Ω $\pm$ 10%)
- 3 x LED test lamp for polarity/pulse
- 2 x 3-way measuring plug
- 2 x airbag / SRS simulator plug with load resistors
- 1 x ATC fuse adapter with measuring loop
- 1 x ATC fuse adapter (Mini and Maxi)
- 1 x vehicle flat fuse mini-adapter
- 2 x micro needle test tip (1 x red, 1 x black)
- 2 x measuring lead 4 mm plug 1.2 m (1 x red, 1 x black)
- 2 x laboratory measuring lead 4 mm plug 1.2 m (1 x red, 1 x black)
- 3 x replaceable test resistors: 2 – 2.2 – 2.7 Ω
- 4 x each of blade terminal 0.8 – 1.2 – 2.0 – 2.5 – 3.0 – 5.0 – 6.0 mm on 4 mm socket
- 4 x each of blade receptacle 0.8 – 1.2 – 2.0 – 2.5 – 3.0 – 5.0 – 6.0 mm on 4 mm socket
- 4 x each of round plug 1.5 – 2.0 – 3.5 – 4.0 mm on 4 mm socket
- 4 x each of round receptacle 1.5 – 2.0 – 3.5 – 4.0 mm on 4 mm socket
- 1 x S-hook
- 1 x softshell case

	Qty	DU	Article no.
	114	1	BU024003 100692



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Test Lead Set



The 8-part test equipment set is suitable for 4 mm sockets and plugs.

Scope of delivery:

- 2 x micro needle test probe, angled 90°, with cable and 4 mm socket (1 x red, 1 x black)
- 2 x PVC insertion aid
- 2 x micro needle test probes with 4 mm socket (1 x red, 1 x black)
- 2 x measuring cable, 4 mm plug on both sides, angled and straight, 1.2 m cable length
- 1 x roll-up case with 5 compartments

	Qty	DU	Article no.
	8	1	BU024007 100691



YouTube

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Multimeter Holding Wire

Cable length:
Plug type ID:

1000 mm
4 mm

Material:

Silicone



Distance between centres mm	Connector angle °	Measurement category	DU	Article no.
2	90	CAT III (1000V)	1	BU024009 100881
Accessories		see	DU	
Ampere Pliers		Page 25	1	BU021013
		Page 24	1	BU021012
Multimeter		Page 22	1	BU021001

Test Probe Set

Number of Parts:

4

Length:

100 cm



		DU	Article no.
		1	BU024012 AK-789024
Content	Info	QU	
Terminal, electric universal parts	with banana plug socket	1	BU024012001
		1	BU024012002

Test Lead Set

Scope of delivery:

- 2 x clamp test probes with rotating, nickel-plated gripper and flexible shank (1 x red, 1 x black)
- 2 x test probes with elastic, crush-proof insulating sleeve and 7 mm stainless steel tip (1 x red, 1 x black)
- 2 x alligator clips with unbreakable insulation on all sides (1 x red, 1 x black)
- 2 x measuring leads, 1 m each, plug with cage spring (1 x red, 1 x black)

Number of Parts:

8

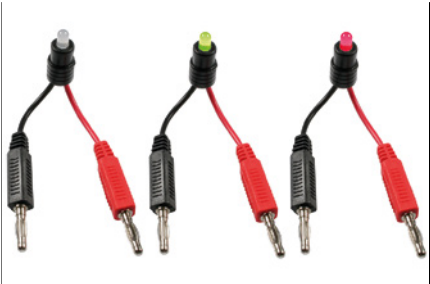
Length:

100 mm



		DU	Article no.
		1	BU024014 AK-789050

Test Lead Set



- Scope of delivery:
- 4 x test cables (2 x red, 2 x black)
 - 2 x test probes with spring-loaded contact lamellas (1 x red, 1 x black)
 - 4 x micro needle test probes (2 x red, 2 x black)
 - 2 x LED test lamps 12/24 V
 - 2 x crocodile clips (1 x red, 1 x black)
 - 1 x clamp test probe for insulated cables (1 x red)

Number of Parts: 15

	DU	Article no.
	1	BU024017 100472

Adapter, fuse



Multi-piece: three-piece Fuse Type: for ATO fuse
for mini-blade plug-in fuse
for max-blade plug-in fuse

	DU	Article no.
	1	BU024018 100427



Voltage Detector



The current tester is suitable for checking direct current circuits and does not require earthing or a ground clip. When it comes into contact with a live wire, it automatically activates an LED display, a buzzing sound and a vibration alert.

Registration type:

CE approved

Required battery:

Included in the delivery

Housing Type:

Metal Housing

Gauge:

with LED display

Surface:

Chromed

Info:

with acoustic alarm

Measuring range V	Diameter mm	DU	Article no.
3 V to 28 V	20	1	BU021015 100426

For determining faults in light systems and for testing and/or adjusting contact-controlled ignition systems.

Voltage Detector



Direct current:

6 to 24 V

Surface:

Nickel-coated

Material:

Brass

			DU	Article no.
			1	90940010066
Content	Rated current A	Diameter mm	QU	
Bulb M		8,2	1	89901020
Terminal, electric universal parts	to 5		1	52289654

Test Device, relay



The relay tester enables simple testing of electromechanical vehicle relays. The fully automatic test is carried out quickly and precisely. The relay tester indicates the result with a red or green light.

Voltage:

12 V

Gauge:

with LED display

Number of pins:

5

Connector:

with alligator clamp

Resistor Ohm	DU	Article no.
0,2 Ohm	1	BU022002 100568



Fuse Tester



The fuse tester is equipped with an LCD bar graph display and enables precise current measurements directly at the fuse box for flat fuses up to 80 A. During the measurement pro-

cess, the measuring circuit remains reliably protected, ensuring safe use. Thanks to a resolution of 0.1 A, even the smallest currents can be measured accurately.

Fuse Type: for max-blade plug-in fuse
for standard plug-in fuse
for mini-blade plug-in fuse

Gauge: with LCD display

Voltage V	Measuring accuracy +/- %	Measuring range A	Connector	DU	Article no.
to 48	2,0	to 80		1	BU022003 100583
Content				QU	
Toolbox				1	BU075038



Testing Unit



The automotive sensor and actuator tester is ideal for simulating and controlling output signals from common automotive sensors. With an output power of up to 4 A, it can be used to selectively test control systems, analyse faults and check cabling. The device supports both test and simulation modes for sensors and actuators and requires an input voltage of 9–15 V DC or a 12 V DC vehicle battery. The tester can be used to simulate output signals for the most common automotive sensors, such as ABS, O₂, EGR, CkP, knock and MAP sensors. Actuators can also be activated. Supported simulator and output functions include resistance, voltage, sine waves, square waves and temperature. Sequences for throttle and pedal

sensors can also be modelled, while lambda sensors and oxygen sensors can be tested in both test and simulation modes.

Scope of delivery:

- 1 x sensor simulator tester
- 1 x red measuring cable, 4 mm plug, 1,200 mm
- 1 x black measuring cable, 4 mm plug, 1,200 mm
- 1 x red test probe, 4 mm socket
- 1 x black test probe, 4 mm socket
- 1 x measuring cable with red crocodile clip, 4 mm socket, 180 mm
- 1 x measuring cable with black crocodile clip, 4 mm socket, 180 mm
- 1 x instruction manual

Input voltage: 9 to 15 V
Housing material: Plastic

Cable length: 1,2 m
Gross Weight: 1,1 kg

	DU	Article no.
	1	BU022004 100909



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Tester, trailer socket



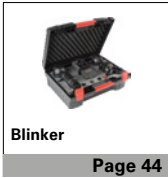
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Tester, trailer socket



For older vehicles without CAN-bus system. Has small load resistance and is not suitable for CAN bus check control system.

Voltage: 12 V **DIN/ISO:** 72570 / 1144
Number of Poles: 13 **Gauge:** with LED display

	DU	Article no.
	1	95980569

Tester, trailer socket



The test box is also suitable for vehicles with the CAN-bus Check Control System. Both indicators and the rear fog light are charged automatically with 21 W. The rear lights, the reverse light and the stop lights have a constant load of 6 W.

Voltage: 12 V **Cable length:** 5 m
Number of Poles: 13 **Gauge:** with LED display
DIN/ISO: 1724+6WeSt

	DU	Article no.
	1	95980560

Tester, trailer socket



Voltage: 12 V **DIN/ISO:** 1724+11446
Number of Poles: 13 **Cable length:** 5 m
DIN/ISO: 7 **Gauge:** with LED display

	DU	Article no.
	1	BU022010 50024
Content	QU	
Socket Adapter	1	BU024005



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Tester, trailer socket



The indicator enables both the assignment of the trailer socket and the lighting function of the trailer to be checked by just one person. The tester replaces and simulates the towing vehicle or the trailer as desired. The user can have the lighting signals of the vehicle displayed on the remote control or use the remote control to activate all lights on the trailer.

- one-man operation via radio, saving a lot of time
- suitable for CAN Bus Check Control System
- Vehicle and trailer can be tested independently of each other
- automatic switch-off after 5 minutes idle

Voltage:	12 V	Registration type:	CE approved
Number of Poles:	13	Plug type:	Euro flat plug
	7	Battery:	AGM Battery
DIN/ISO:	11446	Trailer Hitch:	for trailer plug/trailer socket
	72577	Gauge:	with LED display
	1724	Info:	with remote control
	72570		

Information transfer	DU	Article no.
Radio	1	95980571
Content	QU	
Power Supply	1	95980571001



Tester, trailer socket



Thanks to the permanently installed 12 V rechargeable battery, the trailer tester can be used in mobile applications. The device has various toggle switches for different test functions and a built-in automatic circuit breaker. The tester's

state of charge is shown as a percentage. When using a corresponding 13-pin to 7-pin adapter (e.g. 51305472), 7-pin trailers can also be tested.

Voltage:	12,6 V	Info:	with charger
Power consumption:	8 A		with 12V battery
occupied pins:	13	Battery type:	with load status display
Gauge:	with LED display		

	Connector	DU	Article no.
		1	BU022001 100478
Content	QU		
Power Supply	1		BU022001001
Deep Cycle Battery	1		BU022001002

Tester, trailer socket



Voltage: 24 V
Number of Poles: 15
DIN/ISO: 12098
Gauge: with LED display

	DU	Article no.
	1	95980014



2

Tester, trailer socket



The test box is also suitable for vehicles with the CAN-Bus Check Control System. Both indicators and the rear fog light are charged automatically. The tail lights, reversing light and the axis stroke have a constant charge of 8 W. The brake lights are charged with 21 W.

Voltage: 24 V
Number of Poles: 15
DIN/ISO: 12098
Cable length: 10 m
Gauge: with LED display

	DU	Article no.
	1	95980561

Tester, trailer socket



This testing unit simulates a 24-volt towing vehicle. The power supply takes place externally via a supplied 24-volt power pack. The following functions are supplied with power via a rotary switch: right indicator, rear fog light, left indicator, reverse light, right rear light, left rear light, stop lights and steady plus.

Voltage: 24 V
Number of Poles: 15
7
13
DIN/ISO: 12098
1185 N-Typ
3731 S-Typ
Registration type: CE approved
Plug type: Euro flat plug
Trailer Hitch: for trailer plug
Cable length: 3,7 m

			DU	Article no.
			1	95980658
Content		Number of Poles	QU	
Power Supply		3	1	95980658002
		4	1	95980658001
Accessories	Number of Poles	see	DU	
Coiled Cable	7	Katalog04	1	51276670
Coiled Cable EBS		Katalog04	1	51276671
		Katalog04	1	51276656
Coiled Cable	15	Katalog04	1	51276698



Blinker

Tester, trailer socket



This testing unit is used to test 7-, 13- and 15-pin 24 V plugs and sockets.

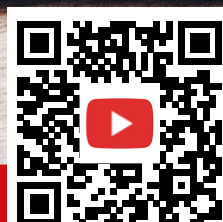
- wireless testing via radio
- Testing of trailer plugs takes place using an internal rechargeable battery power supply

- assignment plan of the connection contacts as per DIN/ISO
- suitable for CAN BUS
- automatic test operation
- includes remote control

Voltage: 24 V
Battery capacity: 12 Ah
Number of Poles: 7
13
15
DIN/ISO: 12098
1185 N-Typ
3731 S-Typ
Plug type: Euro flat plug

Battery: AGM Battery
Required battery: 9V Block
Gauge: with LED display
with battery status indicator
Combi Switch On/Off Switch
Function:
Info: with charger
with remote control
with fuse

Information transfer		DU	Article no.
Radio		1	95980659
Content		QU	
Power Supply		1	95980659001
Accessories		see	DU
Coiled Cable	Katalog04	1	51276670
	Katalog04	1	51276671
	Katalog04	1	51276698



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Video Endoscope

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Video Endoscope



The endoscope is equipped with a 2-way 180° probe with a diameter of 3.9 mm. The black-and-white filter makes damage such as hair-line cracks more visible. A removable 5" IPS monitor enables visual inspection. The camera probe includes a 1/9" CMOS camera for high-resolution images. The focus range of the

endoscope varies between 20-50 mm and the field of vision is covered at 80°. The endoscope supports configuration in twelve different languages. Areas of application include automotive workshops, motorsports, industry and trade.

LEDs: 6
IP-Code: IP67
Screen resolution: 1280x720
Memory capacity: 8 GB

Video Endoscope Probe: with dimmable
LED light source
Front Camera

Video Endoscope Ø mm	Battery voltage V	Battery capacity mAh	Length mm	DU	Article no.
3,9	3.7	5000	1000	1	BU031001 100953
Content				QU	
Camera Probe, video endoscope				1	BU031008



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Video Endoscope



The endoscope is equipped with a 2-way 180° probe. The black-and-white filter makes damage such as hairline cracks more visible. A 4.5" IPS monitor enables visual inspection. The camera probe includes a 1/9" CMOS camera for high-resolution images. The focus range of the endoscope varies between 20-50 mm and

the field of vision is covered at 80°. The endoscope supports configuration in twelve different languages. Areas of application include automotive workshops, motorsports, industry and trade. The camera probe cannot be replaced.

LEDs:	6	Video Endoscope Probe:	with dimmable
IP-Code:	IP67		LED light source
Memory capacity:	32 GB		Front Camera

Video Endoscope Ø mm	Battery voltage V	Battery capacity mAh	Length mm	DU	Article no.
3,9	3.7	5000	1000	1	BU031002





Video Endoscope



The HD endoscope has a 5-inch IPS colour display. The device can be used to take photos and videos and save them to a micro SD card. The dual camera with forward and side views

is equipped with a powerful LED light source. The probe is approximately 1,000 mm long and is replaceable.

LEDs: 6
IP-Code: IP67
Screen resolution: 1920x1080
Memory capacity: 32 GB

Video Endoscope Probe: Front Camera
Side Camera

Video Endoscope Ø mm	Battery capacity mAh	Length mm	Connector	DU	Article no.
3,9	3500	1000		1	BU031003 100947
Content				QU	
Camera Probe, video endoscope				1	BU031010



Camera Probe, video endoscope



The electronic brightness enhancer allows the image area to be made brighter.

Number of cameras: 2
IP-Code: 67

Video Endoscope Probe: Front Camera
Side Camera
with LED light source

Video Endoscope Ø mm	Length mm	Connector	DU	Article no.
4,9	1000		1	BU031007 100620

for article number

Pro3 | Pro3X



Camera Probe, video endoscope



Number of cameras: 1 Video Endoscope Probe: Front Camera
LEDs: 6 with dimmable
IP-Code: 67 LED light source

Video Endoscope Ø mm	Swivel Range °	Length mm	DU	Article no.
3,9	170	1000	1	BU031008 100964
for article number				
BU031001				

Camera Probe, video endoscope



Technical data:
■ Resolution: 1.0 megapixel HD
■ Depth of field: 20 mm to 100 mm
■ Certification: CE FCC RoHS

LEDs: 6 Info: with LED
IP-Code: IP67

Field of View °	Video Endoscope Ø mm	Length mm	DU	Article no.
70	3,9	1000	1	BU031010 100944
for article number				
BU031003				



3



Engine diagnostics

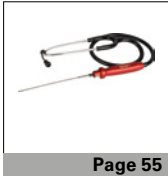
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Stethoscope



This wireless stethoscope allows a wide variety of vehicle damage to be diagnosed even while the vehicle is in motion. The magnetic transmitters can be flexibly attached to different components in the vehicle, enabling targeted measurements or even the simultaneous analysis of all four wheel bearings. The sounds received are displayed both acoustically and visually, enabling fast, precise and easy-to-understand fault diagnosis.

Scope of delivery:

- 1 x receiver device with channel selection, headphone input & volume control
- 4 x transmitters including metal clamp
- 6 x AA batteries (for the receiver device)
- 16 x AAA batteries (for the transmitters)
- 4 x Velcro tapes and cable ties (for mounting the transmitters)
- 1 x notepad (for notes)

Number of device
batteries required:

22

Required battery:
Packaging:

Included in the delivery
in plastic holder

Measuring Range MHz	DU	Article no.
863,4 864,6 866,1 867,6	1	BU032001 100551
Accessories	see	DU
Adapter cable, loudspeaker	Page 55	1 BU032005



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Adapter cable, loudspeaker



The special audio cable has a 3.5 mm TRS/TRRS plug and a USB-C adapter. In conjunction with the BU032001 base unit, it enables noise interference, such as sound waves on vehicles or objects, to be recorded directly on any smartphone. At the same time, the recorded sounds can be played back via head-

phones or loudspeakers. The cable is compatible with almost all mobile devices running Android or iOS operating systems. The scope of delivery includes an audio cable with a 3.5 mm TRS/TRRS plug and USB-C adapter, as well as a carrying case.

Weight: 0,07 kg

	DU	Article no.
	1	BU032005 100941
for article number		
BU032001		



3

Stethoscope



The stethoscope enables the targeted amplification and analysis of noises on axles, bearings, transmissions, fan flaps, pumps and injection nozzles, as well as knocking and grinding noises. The 16.5 cm long stainless steel measuring tip is encased in a rubber damper, while the solid aluminium housing with a

high-performance membrane ensures optimum acoustic amplification. The hose contains no latex or phthalates and is therefore free of plasticisers. Soft, replaceable ear tips and an ergonomic ear hook made using medical technology also ensure a high level of wearing comfort.

Tip length: 165 mm
Total length: 1000 mm

Blade material: Stainless Steel
Housing material: Aluminium

	DU	Article no.
	1	BU032002 100679



Ultrasonic Leak Detector



The professional ultrasonic noise and leak detector is highly sensitive and features an LED display. It is suitable for inspecting and checking vacuum and compressed air systems (e.g. in compressed air and compressed gas installations), electrical systems (e.g. for insulation faults, sparking and short circuits), air conditioning systems and petroleum gas systems, among other things. It is also ideal for checking leaky tyres. The ultrasonic noise and

leak detector also offers an additional function for locating leaks and leakages in windscreens and doors.

Scope of delivery:

- 1 x transmitter
- 1 x receiver
- 1 x airborne sound probe
- 1 x structure-borne sound probe
- 1 x headphones with volume control
- 2 x batteries, type 6LR61 (9 V block)

Gauge: with LED display
Required battery: 9V Block
Included in the delivery

Material: Plastic

Frequency range Hz	DU	Article no.
36000 Hz to 44000 Hz	1	BU032003 100625



Measuring Device, noise level



The test unit is used to measure the sound level or noise level. The unit is equipped with a bar graph display and offers a choice between manual and automatic range selection in four measuring ranges.

Technical data:

- A/C – Evaluation curve
- Min/max memory
- Max hold
- Measuring range: 40 – 130 dB
- Resolution: 0.1 dB
- incl.: 9 V block battery, wind protection cover

Required battery: 9V Block
Included in the delivery

Noise Level dB	DU	Article no.
130	1	BU032004 100289



Tester, glow plug



The glow plug tester provides a reliable, fast way of testing all types of glow plugs, regardless of the voltage value. It is very intuitive to use as no pre-settings need to be made. The

glow plug tester has an automatic switch-off function and easy-to-read LCD display. The glow plugs can be tested while installed.

Gauge: with LCD display
Required battery: 9V Block
Included in the delivery

Weight: 294 g

	DU	Article no.
	1	BU033001 100511



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Thermal Imaging Camera



- High IR resolution and high thermal sensitivity produce clear images of colours/objects
- Ergonomic handle, rechargeable battery
- Internal memory for JPG photos and MP4 videos

- Data transmission via USB-C
- Suitable for heat loss measurement, leak detection in pipes and for night-time security applications

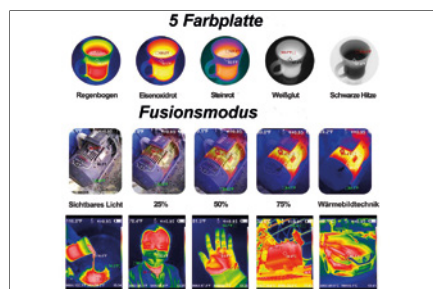
Temperature range: -20 to +550 °C
Screen diagonal: 3,2 Zoll
Screen resolution: 325x250

Memory capacity: 8 GB
Battery type: Li-Ion Rechargeable Battery

Emissivity	Frequency range Hz	DU	Article no.
0,01 to 1,0	25 Hz	1	BU036001 100954



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Thermometer



- Resolution: 0.1 1 (°C or °F)
- Measurement/hold function
- Response time: < 500 ms

D:S Ratio: 10:1
Required battery: Included in the delivery
9V Block
Gauge: with illuminated LCD display

Measuring range (infrared) °C	Measuring range (infrared) °F	DU	Article no.
-30 to 650	-20 to 1200	1	BU036002 100439



Hygrometer



- Data hold function on the display
- Humidity measurement: Measuring range: 0 ~ 100% RH, accuracy: $\pm 3.5\%$

Gauge: with illuminated LCD display **Required battery:** 9V Block
Included in the delivery

Measuring range °C	Measuring range °F	DU	Article no.
-20 to +60	-4 °F to +140 °F	1	BU036003 100546

Oscilloscope



This portable tester is suitable for diagnosing and measuring the various ignition systems. The device automatically detects the measurement signals and adjusts all parameters such that a fast and reliable diagnosis is carried out within seconds and all the necessary information can be called up on the display. The device's power supply is ensured by a rechargeable battery (LiFePO4 battery) for up to 8 hours. The device is used for diagnostics, for example in the event of interruptions in the high-voltage circuit, a lack of cylinder compression, contaminated spark plugs / transition resistance and defective primary or secondary windings.

- Display: Colour 3.5" TFT (320 x 240 pixels) with backlight
- Probe: with replaceable COP and SPW measuring tips

Speed measurement:

- Range: 120 to 19,999 rpm
- Resolution: 1 rpm
- Accuracy: $\pm 0.5\% + 1$ LSD

Ignition voltage:

- Range: 0 to 50 kV

- Resolution: 0.1 kV
 - Repeatability: ± 0.2 kV
- Spark burning time:
- Range: 0 to 10.0 ms
 - Resolution: 0.1 ms
 - Accuracy: ± 0.1 ms + 1 LSD
- Primary current start-up time (COP mode):
- Range: 0 to 10.0 ms
 - Resolution: 0.1 ms
 - Accuracy: ± 0.1 ms + 1 LSD
- Dwell angle – dwell time (ignition cable):
- Range: 0 to 10.0 ms
 - Resolution: 0.1 ms
 - Accuracy: ± 0.1 ms + 1 LSD
- Scope of delivery:
- 1 x ignition oscilloscope with protective rubber cover
 - 1 x moving probe
 - 1 x ignition coil measuring tip (COP)
 - 1 x ignition cable measuring tip (SPW)
 - 1 x USB micro cable
 - 1 x AC charger adapter
 - 1 x hardshell case

Screen diagonal: 3,5 Zoll **LxWxH:** 165 x 124 x 36 mm
Monitor Type: TFT **Weight:** 420 g

Probe length mm	Measuring range 1/min	DU	Article no.
300	120 to 19999	1	BU033002 100682



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Timing Light

3



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Timing Light



This high-quality strobe lamp enables exact visual detection of the TDC mark on the crankshaft belt wheel and also measures and stores the ignition advance angle, rotation speed, closing angle in degrees, per cent and milliseconds, as well as voltage and peak voltage.

- Strobe function for measuring the speed of all rotating parts
- 3-way digital display facilitates measurements of 2- or 4-stroke engines with up to

- two ignitions per revolution
- Suitable for passenger car, motorcycle, marine and industrial engines
- Pulse extraction via ignition cable using inductive trigger pliers
- Also suitable for top coil and DIS ignition systems
- Compact and handy design
- Robust cable with shock-resistant connection terminals and rubber caps

Suited for engine type: Petrol Engine **Gauge:** with digital display **Connector:** with alligator clamp

Cable length m	Voltage V	DU	Article no.
1,5	12	1	BU033004 DG-86
	12 to 24	1	BU033003 100567
Content		QU	
Trigger Clamp, self-diagnosis unit		1	BU033004001

Timing Light



The microprocessor-controlled stroboscope lamp is used to measure the dwell angle, ignition timing, rotational speed and voltage in petrol engines. It is connected conventionally or via a TDC sensor. In diesel engines, the start of

delivery, injection timing, rotational speed and voltage can be measured. In this case, it is connected via a piezoelectric clamp-on transducer or TDC sensor.

Suited for engine type: Petrol Engine
Diesel
with digital display

Connector: with alligator clamp
with connection
for speed sensor

Voltage V	Cable length m	DU	Article no.
12 to 24	1,5	1	BU033005 G2





Timing Light



This high-quality strobe lamp enables exact visual detection of the TDC mark on the crankshaft belt wheel and precise ignition timing control during maintenance, engine tuning and troubleshooting.

- Stroboscopic display of TDC marks.
- Compact and handy design

- Suitable for 2- or 4-stroke engines with up to 2 ignitions per revolution
- Pulse extraction via ignition cable using inductive trigger pliers
- Robust cable with shock-resistant connection terminals and rubber caps.

Suited for engine type: Petrol Engine Gauge: with analog display
Connector: with alligator clamp

Voltage V	Cable length m	DU	Article no.
12	1,5	1	BU033006 P4S
Content		QU	
Trigger Clamp, self-diagnosis unit		1	BU033006001



Timing Light



The stroboscope lamp is used to adjust the ignition timing. The device also has an adjustment angle indicator which shows the advance of the ignition timing in degrees. Pulses are picked up via the ignition cable using the inductive clamp.

Suited for engine type:

Petrol Engine

Gauge:
Connector:

with analog display
with alligator clamp

Voltage V	Cable length m	DU	Article no.
12	1,5	1	BU033007 P7
Content		QU	
Trigger Clamp, self-diagnosis unit		1	BU033006001



3

Measuring Device, RPM



Input voltage:
Suited for engine type:

9 to 42 V
Petrol Engine
Diesel

Number of Cylinders:

1 to 12

Measuring range 1/min	DU	Article no.
200 to 9999	1	BU038002 100611



Measuring Device, RPM



The laser tachometer is a measuring device with three measuring modes: optical speed measurement using a laser, contact measurement using a measuring tip, and belt speed measurement using a measuring wheel. It has

a reversible LCD display and a min./max. measured value memory. Measuring ranges:
■ Photo tachometer: 5– 99.999 [1/min.]
■ Contact tachometer: 0.5– 19.999 [1/min.]
■ Length, speed: 0.05– 1.999 [m/min.]

Gauge: with LCD display
Required battery: AAA (Micro)
Included in the delivery

Number of device 4
batteries required:
LxWxH: 165 x 50 x 33 mm
Weight: 180 g

Distance to Spot cm	DU	Article no.
5 to 150	1	BU038003 100566
Content	QU	
Reflective Strips, rev counter	1	BU038004

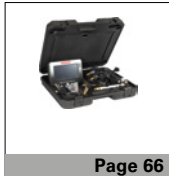
Reflective Strips, rev counter



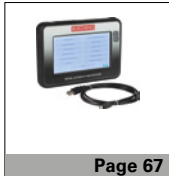
Length: 60 cm

	DU	Article no.
	1	BU038004 RF-007

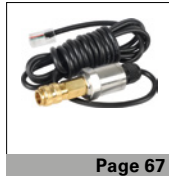
Tester, pressure/vacuum



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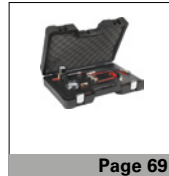
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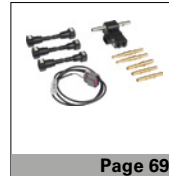
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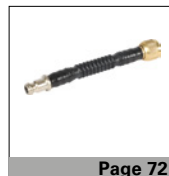
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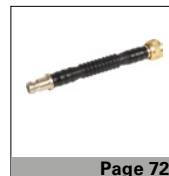
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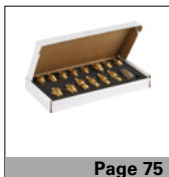
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Tester, pressure/vacuum



The digital pressure tester set enables all pressure measurements to be taken, such as compression pressure, cooling system pressure, oil pressure, boost pressure, fuel pressure, reducing agent pressure, exhaust gas pressure, etc., and also allows the vehicle's pneumatic control systems to be checked, all with just

one device. The wide range of accessories allows the device to be adapted or connected to almost any hydraulic or pneumatic system.

- Software-supported application
- Saves, prints and exports measured results
- Supplied in a hard-shell case with various accessories

Display: TFT
Screen diagonal: 7 Zoll
Information transfer: USB
LAN
Bluetooth
W-LAN

WxHxD: 420 x 480 x 110 mm
Battery capacity: 2000 mAh
Battery type: Lithium Polymer Battery

Measuring range bar	DU	Article no.
to 300	1	BU034020 100859
Content	QU	
Pressure Sensor, self-diagnosis unit	1	BU034014
Connecting/distributing Piece Set, compressed air technology	1	BU034004
Monitor	1	BU034017
Accessories	see	DU
Dongle, self-diagnosis device		1
Adapter Kit, fuel system pressure tester	Page 68	1
	Page 71	1
	Page 70	1
Compression Pressure Test Set	Page 69	1
Adapter, compression pressure tester	Page 77	1
	Page 76	1
Adapter, cooling system pressure test set	Page 71	1
	Page 72	1
	Page 72	1
	Page 72	1
Adapter Kit, fuel system pressure tester	Page 74	1
Fuel Sensor, ethanol-petrol ratio	Page 69	1
Adapter, oil pressure tester	Page 75	1
Adapter Kit, fuel system pressure tester	Page 73	1
Adapter, hose connector	Page 77	1



YouTube

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Monitor

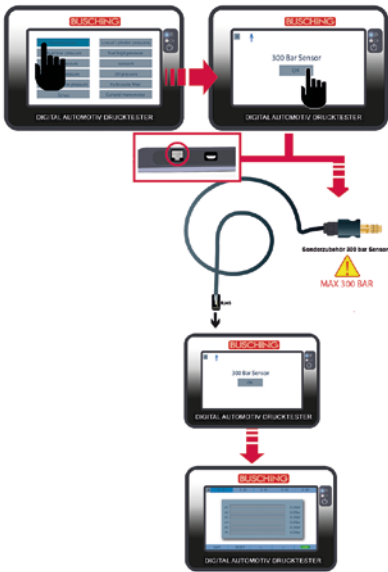


The diagnostic data can be transferred to a PC using a USB cable. This innovative accessory concept makes it possible to perform any pressure tests, including oil pressure, turbo-charger pressure, cooling system pressure, AdBlue® pressure, low fuel pressure, vacuum pressure and particulate filter pressure, com-

mon rail M12, 2,000 bar sensor, etc., using just a tablet monitor. The pressure sensor is connected via the RJ45 patch cable.
Scope of delivery:
■ 1x tablet monitor
■ 1x USB charging cable

Information transfer: USB
Monitor Type: TFT Display: Touchscreen
Battery type: Lithium Polymer Battery

	Connector	DU	Article no.
		1	BU034017 100932
Accessories	see	DU	
Pressure Sensor, self-diagnosis unit	Page 67	1	BU034014
for article number 			
BU034001 BU034020			



Pressure Sensor, self-diagnosis unit



Information transfer: LAN
Input voltage: 3,3 V Output Voltage: 0,33 to 2,97 V

Measuring range bar	DU	Article no.
0 to 300	1	BU034014 100934
for article number 		
BU034017 BU034001 BU034020		



**Adapter Kit,
fuel system pressure tester**

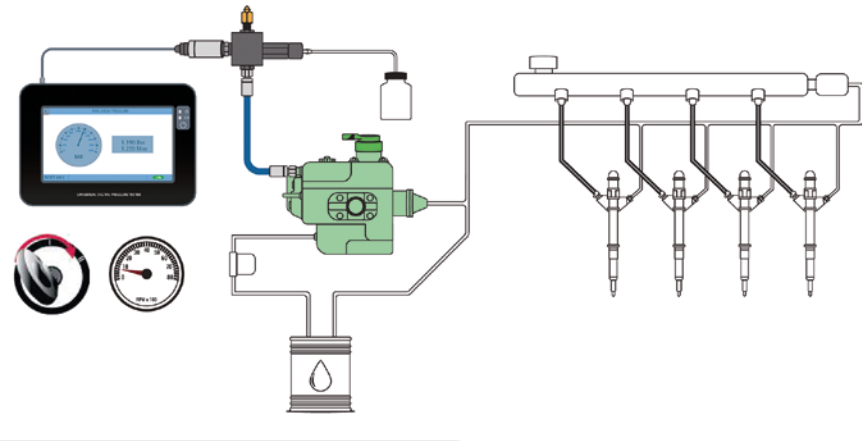


Rail pressure tester set:
This measuring instrument enables the diesel common rail pressure to be measured easily and safely on both the rail and directly on the pump. In conjunction with the actual values supplied by the control unit, the precisely mea-

sured values can be used for diagnostics on the fuel high-pressure system. The hoses in the set cover the most widely used common rail engines.

Connecting thread: M12 x1,50
Mounting: RJ45
Connector: with screw connection

Pressure bar	Hose length m	Cable length mm	DU	Article no.
to 2000	400	1000	1	BU034002 100867
Accessories			see	DU
Pressure Sensor, self-diagnosis unit			Page 67	1 BU034014
Monitor			Page 67	1 BU034017
Tester, pressure/vacuum			Page	1 BU034001
Adapter Kit, fuel system pressure tester			Page 70	1 BU034003
			Page 71	1 BU034005
for article number				
BU034001 BU034020				



Compression Pressure Test Set



- Diagnostic possibilities:
- Intake and exhaust valves
 - Piston and piston ring
 - Cylinder head and cylinder head gasket

Connecting thread:	M14	Sensor type:	Differential Pressure
	M12		
	M10		
Info:		Sensor for diesel for petrol	

Number of manometers		DU	Article no.
2		1	BU035002 100929
Accessories		see	DU
Adapter, compression pressure tester		Page 76	1 BU034013
Monitor		Page 67	1 BU034017
Pressure Sensor, self-diagnosis unit		Page 67	1 BU034014
for article number			
BU034001 BU034020			

Fuel Sensor, ethanol-petrol ratio



The Ethanol E85 Analyser comes with an E85 sensor and OEM quick connector. It displays the exact ethanol content in the fuel without drawing fuel from the tank. Suitable for flex-fuel vehicles (FFV) that can run on E85; the engine control sensor detects the petrol-ethanol distribution and adjusts the ignition timing. No fire risk – simply connect and let the engine idle briefly.

Scope of delivery:

- 1 x sensor
- 1 x connection cable
- 3 x OEM plugs
- 5 x universal metal adapters

	DU	Article no.
	1	BU037005 100942



Adapter Kit, fuel system pressure tester

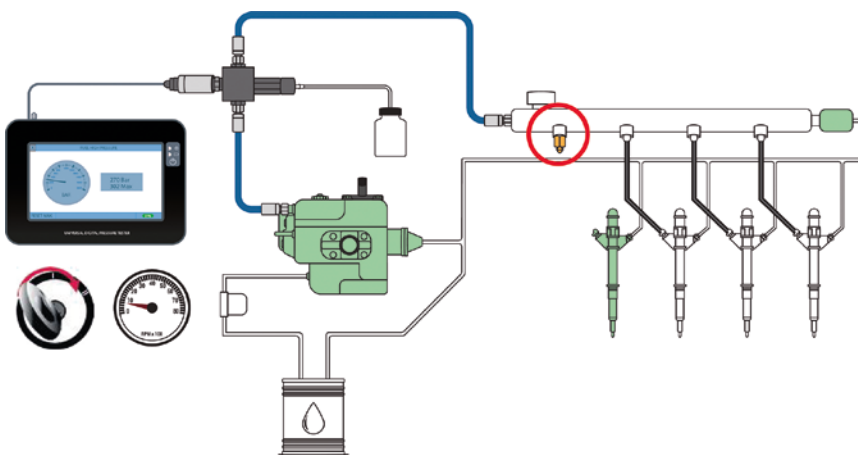


- Sealing cap set for performing diagnostics on the regulator or high-pressure pump
- Enables the fuel inlet of the injection nozzles to be closed directly on the common rail
- For testing the individual injectors for leaks and pressure loss

LxWxH: 165 x 125 x 55 mm
Thread size 1/2: 6 x M12x1,5 / 6 x M14x1,5

Weight: 0,45 kg

	DU	Article no.
	1	BU034003 100868
Accessories	see	DU
Adapter Kit, fuel system pressure tester	Page 68	1 BU034002
for article number		
BU034001 BU034020		



Connecting/distributing Piece Set, compressed air technology



Enables the pressure and vacuum to be measured and digitally displayed with very high accuracy.

Display accuracy bar	DU	Article no.
0,01	1	BU034004 100878
Accessories	see	DU
Tester, pressure/vacuum	Page	1 BU034001
Pressure/Vacuum Pump	Page 139	1 BU034018
for article number		
BU034001 BU034018 BU034020		



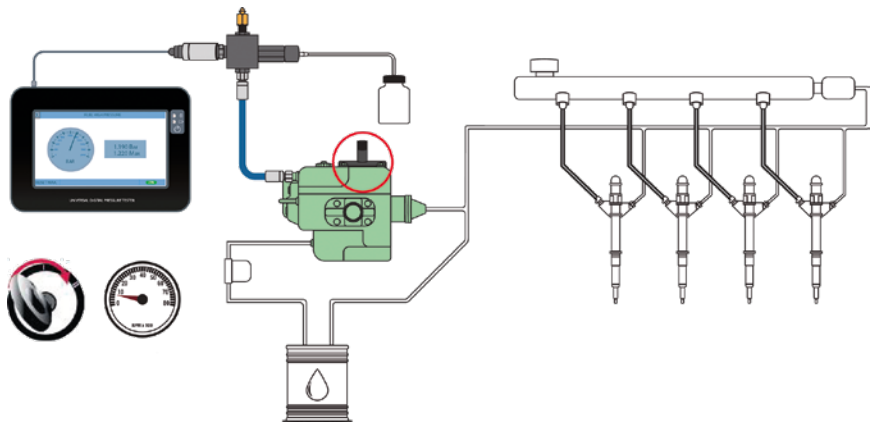
Adapter Kit, fuel system pressure tester



The dummies enable the pump regulator to be bypassed in order to diagnose problems with the regulator or pump. During use, if the pump pressure is weak, the regulator is removed and replaced with one of the eight adapters in order to bypass and seal the connection. If the

pressure then normalises, the regulator is causing a loss of pressure. However, if the pressure remains too low, the pump is faulty. This test is recommended by manufacturers of high-pressure pumps.

	DU	Article no.
	1	BU034005 100879
Accessories	see	DU
Monitor	Page 67	1 BU034017
Pressure Sensor, self-diagnosis unit	Page 67	1 BU034014
Adapter Kit, fuel system pressure tester	Page 68	1 BU034002
for article number		
BU034001 BU034020		



Adapter, cooling system pressure test set



This adapter can be used individually or with the T-adapters from the BU034001 master kit for pressure testing EGR/AGR cooling systems. The design corresponds to the OEM connection.

LxW: 130 x 20 mm **Weight:** 0,02 kg

Pressure bar	Colour	DU	Article no.
15	●	1	BU034006 100888
for article number			
BU034001 BU034020			



Adapter, cooling system pressure test set



This adapter can be used to check low fuel pressure and cooling system pressure using Schrader plug connectors. The design corresponds to the OEM connection.

Version: Schrader 7/16"x20 UNF Nr. 10 **LxW:** 110 x 15 mm
Weight: 0,02 kg

Pressure bar	Colour	DU	Article no.
15	●	1	BU034007 100889
for article number			
BU034001 BU034020			



Adapter, cooling system pressure test set



This adapter can be used to check low fuel pressure and cooling system pressure using Schrader plug connectors. The design corresponds to the OEM connection.

Version: Schrader 8V1 Nr. 11 **LxW:** 110 x 15 mm
Weight: 0,02 kg

Pressure bar	Colour	DU	Article no.
15	●	1	BU034008 100890
for article number			
BU034001 BU034020			



Adapter, cooling system pressure test set



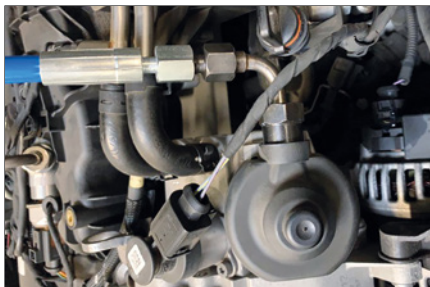
This adapter can be used to check low fuel pressure and cooling system pressure using Schrader plug connectors. The design corresponds to the OEM connection.

Version: Schrader M8 x 100 Nr. 12 **LxW:** 110 x 15 mm
Weight: 0,02 kg

Pressure bar	Colour	DU	Article no.
15	●	1	BU034009 100891
for article number			
BU034001 BU034020			



Adapter Kit, fuel system pressure tester



This six-piece adapter set enables the high-pressure circuit on common rail engines to be tested quickly and easily. The adapter design corresponds to the OEM connections of standard high-pressure pumps.

Scope of delivery:

- 2 x M12x1.5 ET on M12x1.25 IT 90°
- 2 x M12x1.5 ET on M14x1.5 IT 90°
- 2 x M12x1.5 ET on M14x1 IT 90°

Angle:

90 °

Multi-piece:

Multi-piece

		DU	Article no.
		1	BU034010 100892
Accessories	see	DU	
Tester, pressure/vacuum	Page	1	BU034001
Adapter Kit, fuel system pressure tester	Page 68	1	BU034002
for article number			
BU034001 BU034002 BU034020			



3



**Adapter Kit,
fuel system pressure tester**

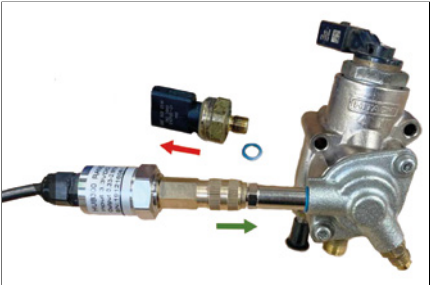
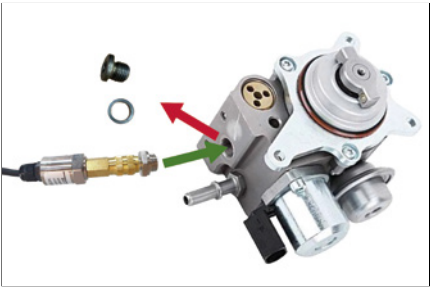


This adapter enables the high-pressure circuit on FSI, TFSI, TCE and T-Jet engines to be checked quickly and easily. The adaptor design reproduces the OEM connections.

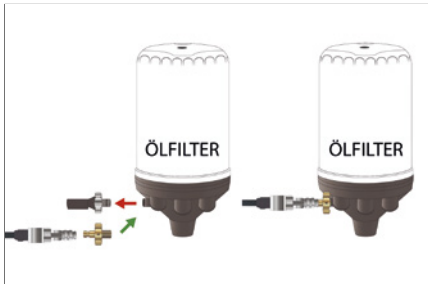
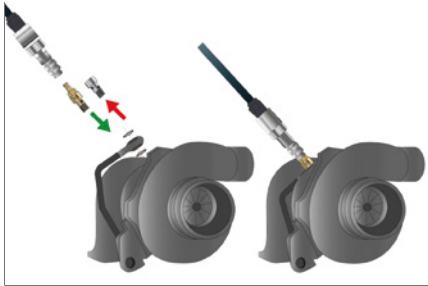
- Scope of delivery:
- 1x M8x1 AG
 - 1x M10x1 AG
 - 1x M12x1.25 AG
 - 1x M12x1.5 AG
 - 1x M14x1.5 AG

LxWxH: 110 x 110 x 30 mm **Weight:** 0,14 kg

	DU	Article no.
	1	BU034011 100893
for article number		
BU034001 BU034020		



Adapter, oil pressure tester



In conjunction with the 0 – 300 bar sensor, which is included in our pressure tester master kit, the oil pressure and turbo oil pressure adapters included in the set can be used to quickly and reliably check the oil or turbocharging pressure on engines.

Connecting thread:	1/4 x 20 UNF	Mounting:	Winkelanschluss 90°
	1/4 x 18 NPT		
	1/8 x 27 NPT		
	1/8 x 28 BSP		
	3/8 x 24 UNF		
	7/16 x 24 UNF		
	M10 x 1,0 mm		
	M12 x 1,5 mm		
	M14 x 1,5 mm		
	M16 x 1,5 mm		
	M18 x 1,5 mm		

	DU	Article no.
	1	BU034012 100920
Content	QU	
Accessory Kit, pressure/vacuum pump	1	BU074040
for article number		
BU034014 BU034001 BU034020		



3



Adapter, compression pressure tester

Even minor differences in compression can have a major impact on the behaviour of the engine. A compression test is therefore essential!

- universal injector for installation in place of the OEM injection nozzle in order to run a diesel compression test
- various heads and spacers for different OEM injectors

- Scope of delivery:
- 1 x injection shaft
 - 1 x bridge, large
 - 1 x bridge, small
 - 1 x nozzle, 4 mm
 - 1 x nozzle, flat
 - 1 x set of O-rings

Weight: 0,84 kg



	DU	Article no.
	1	BU034013 100931
Accessories	see	DU
Pressure Sensor, self-diagnosis unit	Page 67	1 BU034014
Compression Pressure Test Set	Page 69	1 BU035002
for article number		
BU034001 BU034014 BU034020		



Adapter, compression pressure tester



Set for compression tests on diesel engines. The adapters are mounted in place of the OEM glow plug using the sealing cone and enable safe and reliable measurement of the compression pressure.

Scope of delivery:

- 1 x glow plug
- 4 x threaded adapter
- 4 x sealing cone (Ø 8.2/60° · Ø 8.2/90° · Ø 6.8/90° · Ø 6.8/120°)
- 1 x case

Thread size 1: M8 x 1,0
Thread size 2: M9 x 1,0
Thread size 3: M10 x 1,0

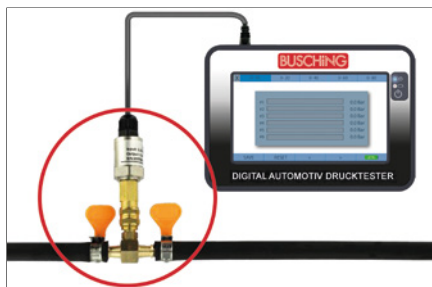
Thread size 4: M10 x 1,25
Info: with quick couplers

	Qty	DU	Article no.
	10	1	BU034015 100938
for article number			
BU034001 BU034020			



3

Adapter, hose connector



You can easily connect the adapters with plug-in nipple into any low-pressure line on cars, HGVs, tractors etc. Used together with the electronic sensors in the master kit.

Shape: T Shape (T Piece) **Material:** Brass

Inner Ø 1/2 mm	Qty	DU	Article no.
6 / 15	2	1	BU034016 100943
for article number			
BU034001 BU034020			



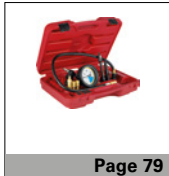


Tester, oil pressure

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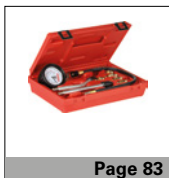
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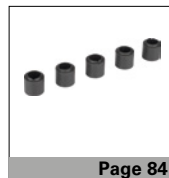
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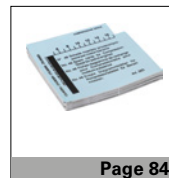
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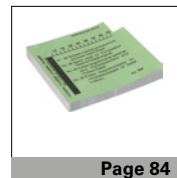
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Tester, oil pressure

This oil pressure tester enables the oil pressure to be checked. The tester is connected in place of the oil pressure switch using the pressure gauge with double scale and rubber guard. The pressure gauge connection hose has a quick coupling.

Adapter enclosed:
Info:

90°
with quick coupling

Connecting thread:

M10 x 1
M12 x 1,5
M14 x 1,5
M16 x 1,5
M18 x 1,5
1/4 x 18 NPT
1/8 x 27 NPT
1/2 x 20 UNF
3/8 x 20 UNF
1/8 DIN



Measuring range bar	Hose length m	Manometer Ø mm	DU	Article no.
to 10	1,3	60	1	BU034030 100361

Tester, pressure loss



The pressure loss tester displays the percentage pressure loss of cylinders. It is equipped with a precision pressure gauge (pressure loss) NG 80 with rubber impact protection. The measured results should be evaluated as follows:

- Pressure loss of 3 to 5% – no cause for concern
- Pressure loss of 10 to 15% – normal
- Pressure loss of 15 to 20% – still acceptable depending on mileage
- Pressure loss of more than 25% – may need to be repaired

Suited for engine type: Petrol Engine
Diesel

Scope of delivery:

- 1 x pressure loss tester
- 1 x test hose with plug-in coupling
- 6 x adapters
- M10 x 1 [mm] for motorcycles
- M12 x 1.25 [mm] for motorcycles
- M14 x 1.25 and M18 x 1.5 [mm]
- M24 x 2 [mm] for diesel engines
- M12 universal adapter with 7 mm bore for VW diesel engines
- M14 universal adapter for multi-valve engines

			DU	Article no.
			1	BU034034 100514
Accessories	Frequency range Hz	see	DU	
Ultrasonic Leak Detector	36000 Hz to 44000 Hz	Page 56	1	BU032003

Tester, pressure loss



The charge air system test kit enables leaks in turbocharged engines to be quickly and precisely diagnosed. Thanks to the robust test adapters in various diameters, intake and charge air sections can be reliably sealed and subjec-

ted to a defined test pressure. An integrated pressure gauge provides accurate pressure monitoring. The rough surface of the plugs ensures better grip during use.

Number of Parts: 10
Shape: Conical
Material: Plastic
Coupling type: Quick Coupling

Working pressure bar	Diameter mm	DU	Article no.
to 5	25 to 90	1	BU034036 100658



 YouTube

[herthundbuss.com/channel](https://www.herthundbuss.com/channel)



Tester, pressure loss



The charge air system test kit enables leaks in turbocharged engines to be quickly and precisely diagnosed. Thanks to the robust test adapters in various diameters, intake and charge air sections can be reliably sealed and subjected to a defined test pressure. An integrated

pressure gauge provides accurate pressure monitoring. The rough surface of the plugs ensures better grip during use.
■ Specially designed for intake systems on small vans and HGVs

Number of Parts: 6 **Material:** Plastic
Shape: Conical **Coupling type:** Quick Coupling

Working pressure bar	Diameter mm	DU	Article no.
to 5	105 to 130	1	BU034037 100661



3

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

Working pressure bar	DU	Article no.
to 2	1	J9122001





Test Set, cooling system pressure



The ideal universal tester for checking the cooling system and the closures. With the inflatable bladder sealing system, the device can be connected to almost all passenger cars and light commercial vehicles. It fits onto bayonet and threaded closures on the filler necks of radiators and expansion tanks. The closures (radiator cap) can be checked using the six double-sided adapters. Leaks can be located

on the radiator, cap, housing, cylinder head gasket, heater, water pump and hoses.

Scope of delivery:

- 1 x plastic hand pump with bladder sealing system
- 2 x adapter for round expansion tanks (e.g. VW, Japanese vehicles)
- 6 x adapter for checking the closures (radiator cap)

Number of adapters: 8
Suitable for: PC (passenger car)
CV (commercial vehicles)
Adapter shape: round

Matching adapter: Universal
Heating/Cooling: for vehicles with standard cooling
Connecting Thread 1: Bajonett und Gewinde
Packaging: Plastic Case

Working pressure bar	Pressure gauge scale bar	DU	Article no.
to 2	0 to 2,0	1	BU034038 100667
Content		QU	
Tester, pressure/vacuum		1	BU034039
Bellows, radiator pressure tester		1	BU034042



YouTube

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Tester, pressure/vacuum



	DU	Article no.
	1	BU034039 990186
for article number BU034038		

Bellows, radiator pressure tester



Spare bellows for radiator pressure tester BU034038

	DU	Article no.
	1	BU034042 990139
for article number BU034038		

Compression Pressure Tester



Compression tester for petrol engines for rapid and precise measurement of the cylinder pressure.

- suitable for all standard spark plug threads
- replaceable adapters for different engine types

- easy-to-read pressure gauge with pressure relief valve
- flexible pressure hose for convenient working

Thread size 1/2: M10 x 1,0 / M12 x 1,25 Thread size 4: M16 x 1,5
Thread size 3: M14 x 1,25 Thread size 5: M18 x 1,5

Measuring range bar	Manometer Ø mm	Hose length mm	DU	Article no.
to 21	76	Bent	1	BU034050 100919

Compression Pressure Recorder



Thanks to the wide scale, the compression pressure recorder, including chart sheets, enables up to eight tests to be performed per sheet.

Suited for engine type: Petrol Engine Thread size: M12

Pressure bar	DU	Article no.
4 to 17	1	BU034051 ZA-362
Content	QU	
Chart Sheets, compression pressure recorder	1	BU034054
Seal Set, compression pressure tester	1	BU034053



Compression Pressure Recorder



Thanks to the wide scale, the compression pressure recorder, including chart sheets, enables up to eight tests to be performed per sheet.

Suited for engine type: Diesel Thread size 1/2: M14 x 1,5 / M12 x 1,5
Thread size 3: 1/4"

Pressure bar	DU	Article no.
8 to 40	1	BU034052 ZA-363
Content	QU	
Chart Sheets, compression pressure recorder	1	BU034055

Seal Set, compression pressure tester

only in connection with: BU034051



Pressure bar	Qty	DU	Article no.
4 to 17	5	1	BU034053 ZA-364

Chart Sheets, compression pressure recorder



Pressure: 4 to 17 bar only in connection with: BU034051

	Qty	DU	Article no.
	50	1	BU034054 ZA-365

Chart Sheets, compression pressure recorder



Pressure: 8 to 40 bar only in connection with: BU034052

	Qty	DU	Article no.
	50	1	BU034055 ZA-366

Test Unit, cylinder head leakage



This testing unit can be used to display combustion gas in the radiator.

- Scope of delivery:
- 1 x cylinder head leakage tester
 - 1 x bellows
 - 1 x reaction fluid

Contents ml	DU	Article no.
480	1	BU035001 100242
Content	QU	
Reaction fluid, cylinder head sealing	1	BU035003

Reaction fluid, cylinder head sealing



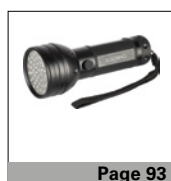
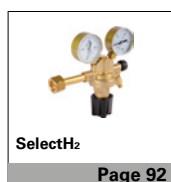
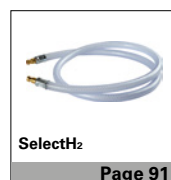
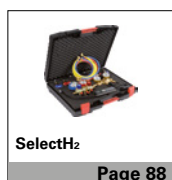
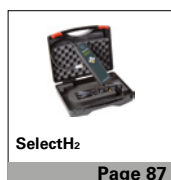
Contents ml	DU	Article no.
480	1	BU035003 100243





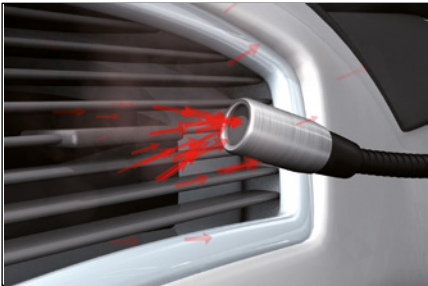
Leakage Detector, air conditioning

3



SelectH₂

Leakage Detector, air conditioning



Selective hydrogen gas detector for effective and environmentally friendly leak detection in air-conditioning and cooling systems using forming gas. The SelectH₂ is fitted with a suction pump and two sensors. These operate like an artificial nose and suck in the test gas. With the SelectH₂ you have a time-saving and environmentally sustainable alternative solution, which can be used for testing even large HGV and bus air-conditioning systems economically. The forming gas 95/5 (95% nitrogen, 5% hydrogen) is also used as inert gas in welding and is generally readily available from any gas retailer. The leak detection method using forming gas also complies fully with directive 2006/40/EU on emissions from air-conditioning systems in motor vehicles. The ma-

Plug type: Euro flat plug
Housing Type: Aluminium Housing
Required battery: Nickel Metal Hydrid Battery (NiMH)
WxHxD: 52 x 178 x 35 mm

nufacturer recommends annual calibration to guarantee the high precision of the device in the long term.

- maximum hit rate even with the smallest leaks
- recognise defective heat exchangers even without removing the dashboard
- only reacts to hydrogen and therefore prevents misdiagnoses due to oil and petrol vapours
- automatic zero-point calibration in fresh air
- concentration-dependent signal
- automatic sensor check with error detection
- plastic case with cushioned lid and gas-free insert (important for storage)

Workshop equipment: with integrated suction pump for measurement of the hydrogen concentration with LED display
Gauge: with illuminated LCD display with acoustic alarm
Info:

Head Width mm	Long gooseneck mm	DU	Article no.
14	320	1	95980002
	500	1	95980024
Content		QU	
Power Supply		1	95980002002
Accessories		see DU	
Adapter, air conditioning service unit		Page 92	1 95980027002
Technician Help Set, air conditioning service unit SelectH ₂		Page 91	1 95980027
Filler Hose Set, air conditioning service unit SelectH ₂		Page 91	1 95980027001
Cylinder Pressure Regulator SelectH ₂		Page 92	1 95980028002
Adapter, air conditioning service unit		Page 92	1 95980027003
Adapter, air conditioning service unit SelectH ₂		Page 93	1 95980027005
		Page 92	1 95980027006
		Page 92	1 95980027004



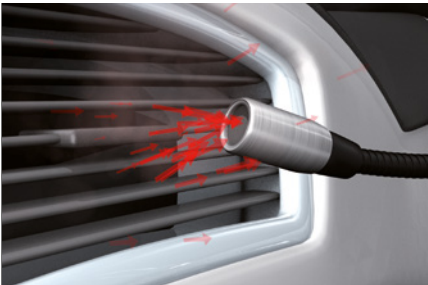
YouTube

[herthundbuss.com/channel](https://www.youtube.com/channel/UC...)



SelectH₂

Leak Search Set, Air Conditioning



Selective hydrogen gas detector for effective and environmentally friendly leak detection in air-conditioning and cooling systems using forming gas. The SelectH₂ is fitted with a suction pump and two sensors. These operate like an artificial nose and suck in the test gas. With the SelectH₂ you have a time-saving and environmentally sustainable alternative solution, which can be used for testing even large HGV and bus air-conditioning systems economically. The forming gas 95/5 (95% nitrogen, 5% hydrogen) is also used as inert gas in welding and is generally readily available from any gas retailer. The leak detection method using forming gas also complies fully with directive 2006/40/EU on emissions from air-conditioning systems in motor vehicles. The ma-

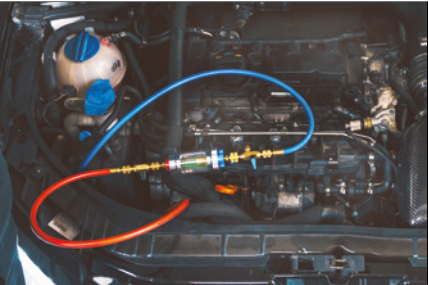
nufacturer recommends annual calibration to guarantee the high precision of the device in the long term.

- maximum hit rate even with the smallest leaks
- recognise defective heat exchangers even without removing the dashboard
- only reacts to hydrogen and therefore prevents misdiagnoses due to oil and petrol vapours
- automatic zero-point calibration in fresh air
- concentration-dependent signal
- automatic sensor check with error detection
- plastic case with cushioned lid and gas-free insert (important for storage)

Plug type: Euro flat plug

	QU	DU	Article no.
	Kit	1	95980028
Content		QU	
Leakage Detector, air conditioning SelectH ₂		1	95980002
Technician Help Set, air conditioning service unit SelectH ₂		1	95980027
Adapter, air conditioning service unit SelectH ₂		1	95980027004
		1	95980027005
Toolbox SelectH ₂		1	95980028001
Cylinder Pressure Regulator SelectH ₂		1	95980028002
Power Supply		1	95980002002
Accessories		see	DU
Adapter, air conditioning service unit SelectH ₂	Page 92	1	95980027006

Sight Glass, refrigerant analysis
(A/C service unit)



This sight glass enables visual inspection of the refrigerant or compressor oil and provides valuable information on the condition of the refrigerant. For example, it is possible to check whether chips or other foreign bodies have permeated the system, whether the com-

pressor oil has become discoloured or whether water is present. The connections for R134a or R1234yf must be ordered separately.

- With integrated filter
- Easy dismantling for cleaning

Refrigerant:	R 134a R 1234yf	Length:	116,5 mm
Hose length:	800 mm	Connecting thread:	1/4 Zoll SAE

Wire Diameter mm		DU	Article no.
45		1	95980029
Accessories		see	DU
Adapter, air conditioning service unit	Page 92	1	95980027002
	Page 92	1	95980027003
Adapter, air conditioning service unit SelectH ₂	Page 92	1	95980027004
	Page 93	1	95980027005
	Page 92	1	95980027006





» INSTALLATION AID SET

i

Installation Aid Set, air conditioning service unit 95980027



Filler Hose, air conditioning service unit 95980027001



95980027003 Adapter, air conditioning service unit R 134a



95980027002 Adapter, air conditioning service unit R 134a



95980027005 Adapter, air conditioning service unit R 1234yf



95980028002 Cylinder Pressure Regulator



95980027004 Adapter, air conditioning service unit R 1234yf



95980027006 Adapter, air conditioning service unit R 134a, long



SelectH₂

Technician Help Set,
air conditioning service unit



Number of connectors: 3 Connecting thread: 1/4 Zoll SAE
Number of manometers: 2

Working pressure bar	Manometer Ø mm	DU	Article no.
to 38	80	1	95980027
Content		QU	
Filler Hose Set, air conditioning service unit SelectH ₂		1	95980027001
Adapter, air conditioning service unit		1	95980027002
		1	95980027003
Accessories	see	DU	
Adapter, air conditioning service unit SelectH ₂	Page 93	1	95980027005
	Page 92	1	95980027004
Connector/Distributor Piece, compressed-air technology SelectH ₂	Katalog08	1	95980027008
	Katalog08	1	95980027007
Adapter, air conditioning service unit SelectH ₂	Page 92	1	95980027006
Cylinder Pressure Regulator SelectH ₂	Page 92	1	95980028002

SelectH₂

Filler Hose Set,
air conditioning service unit



Number of Parts: 3 Connecting thread: 1/4 Zoll SAE

Length 1/2 mm	Colour	DU	Article no.
3000 / 900		1	95980027001

SelectH₂

Compressed-air Hose



Coupling type: Quick Coupling Info: with connector parts

Length m	DU	Article no.
1	1	95980000009
3	1	95980000005

SelectH₂

Connector, compressed-air line



Shape: Y Shape
Number of connectors: 3
Material: Brass
Surface: Nickel-coated
Valve type: with Pressure Relief Valve
Coupling type: Quick Coupling

	DU	Article no.
	1	95980000007



SelectH₂

Cylinder Pressure Regulator



Thread type:

WW Thread
with left-hand thread
W21,8 x 1/4

Inlet pressure to:

200 bar

Thread size:

Outlet pressure:

1 to 20 bar

	DU	Article no.
	1	95980028002

Adapter, air conditioning service unit



Connecting thread:

1/4 Zoll SAE
Brass
Chromed

Material:
Surface:

Usable for refrigerant:
Info:

R 134a
High-pressure Side

	Colour	DU	Article no.
		1	95980027002

SelectH₂

Adapter, air conditioning service unit



Adapter shape:

Extra Long
1/4 Zoll SAE
Brass

Connecting thread:
Material:

Surface:

Usable for refrigerant:
Info:

Chromed
R 134a
High-pressure Side

	Colour	DU	Article no.
		1	95980027006

Adapter, air conditioning service unit



Connecting thread:

1/4 Zoll SAE
Brass
Chromed

Material:
Surface:

Usable for refrigerant:
Info:

R 134a
Low-pressure Side

	Colour	DU	Article no.
		1	95980027003

SelectH₂

Adapter, air conditioning service unit



Connecting thread:

1/4 Zoll SAE
Brass
Chromed

Material:
Surface:

Usable for refrigerant:
Info:

R 1234yf
High-pressure Side

	Colour	DU	Article no.
		1	95980027004

SelectH₂

Adapter, air conditioning service unit



Connecting thread:
Material:
Surface:

1/4 Zoll SAE
Brass
Chromed

Usable for refrigerant:
Info:

R 1234yf
Low-pressure Side

	Colour	DU	Article no.
		1	95980027005

Leak Search Set, Air Conditioning



Set consisting of tinted safety glasses with side guard and 100% UV radiation absorption (length of arms can be adjusted) and an ultraviolet torch.

Spectacles/Goggles type:	Full Vision Goggles suitable for spectacle wearers	Operating temperature:	-25 °C to 40 °C
Spectacle lens material:	PC (Polycarbonate)	Number of device batteries required:	3
LEDs:	51	Test standard:	EN166:2001 EN170:2003
Wavelength UV light:	395 nm		UV 2-1.2

Spectacle glasses colour	DU	Article no.
yellow	1	BU035004 50027
Content	QU	
UV Lamp	1	BU035007
Safety Goggles	1	BU075018
Toolbox	1	BU075038

UV Lamp



LEDs: 51
Diameter: 55 mm
Length: 147 mm

Wavelength UV light nm	DU	Article no.
to 395	1	BU035007 100739

Safety Goggles



Spectacles/Goggles type: Full Vision Goggles suitable for spectacle wearers
Spectacle lens material: PC (Polycarbonate)
Weight: 35 g
Test standard: EN166:2001
EN170:2003
UV protection
Material: Plastic

Spectacle glasses colour	DU	Article no.
yellow	1	BU075018 100064

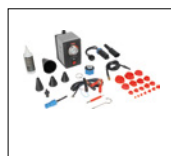


3



Engine diagnostics

3



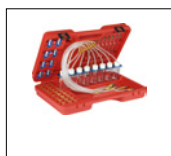
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Smoke Generator, leak location



The device enables leaks to be detected in various vehicle systems such as the intake and exhaust system, crankcase, cooling system and EVAP system including accessories.

Direct current:
Rated power:

12 V
100 W

Gross Weight:

3,5 kg

Working pressure bar	DU	Article no.
1,3	1	BU035008 100963
Content	QU	
Smoke Fluid, smoke generator	1	BU035008001



YouTube

herthundbuss.com/channel

Smoke Fluid, smoke generator



- Optimum viscosity - tailored to the heating capacity of the BUSCHiNG mist machine
- Fluid mixture based on white smoke – ensures high contrast for better detection of leakages
- Mist density lasts longer for efficient tests
- Odourless
- Residue-free demisting – no contamination
- No health issues when used correctly

Contents ml	DU	Article no.
250	1	BU035008001 100968
Accessories	Working pressure bar	see
Smoke Generator, leak location	1,3	Page 94
		DU
		1
		BU035008

Tester Range, fuel return quantity



The measurement can be carried out regardless of the engine type and injector manufacturer. The volume of backflow can be determined directly using the glass piston or the measuring tank. Scope of delivery: 1 x injector

backflow volumetric measuring device 6 x glass measuring pistons 95 ml 6 x measuring cups 105 ml with connecting hose approx 650 mm 1 x aluminium strip with hooks 1 x case

For cylinder-count up to:

6

Injection system:

Common Rail

			DU	Article no.
			1	BU037001 100360
Content	Contents ml	Seal diameter mm	QU	
Measurement Tube, fuel return quantity measurement	95		1	BU037001001
	105		1	BU037001002
Seal Ring		3,5	1	BU037001003

Tester Range, fuel return quantity



Precise measuring system for fast diagnostics on common rail injectors. The device enables the quantities returned by all injectors to be compared in parallel under real operating conditions. Deviations can be identified immediately thanks to the transparent, pressure-resistant measuring vessels and marked scales. Robust fuel lines with quick couplings ensure a secure and tight connection to all standard injector types (e.g. Bosch, Delphi, Denso, Siemens).

- Measuring range for return quantities typically found in diesel applications

- Multiple measuring vessels for taking simultaneous comparison measurements
- Quick-coupling systems for popular common rail injectors
- Simple to assess results thanks to clear scaling and viewing vessel
- 1 x meter to determine the quantity returned by the injector
- 8 x volumetric glass tubes 95 ml
- 8 x measuring cup, 105 ml, with connecting hose of approx. 650 mm
- 24 x adapter (for Denso C3, C1, Siemens C3, Delphi, Bosch)

For cylinder-count up to:

8

Injection system:

Common Rail

			DU	Article no.
			1	BU037002 100582
Content	Contents ml	Seal diameter mm	QU	
Measurement Tube, fuel return quantity measurement	95		1	BU037001001
	105		1	BU037001002
Seal Ring		3,5	1	BU037001003

Fuel Suction Device



This device enables fuel vapours to be fully extracted when testing diesel injection nozzles. The atomised fuel is directed into a collection tank provided for this purpose.

Operating mode:

pneumatic

Info:

for diesel
for petrol

			DU	Article no.
			1	BU037006 ZA-430
Accessories	Pressure bar	see	DU	
Tester, injector nozzles	600	Page 96	1	BU037007



Tester, injector nozzles

For testing and adjusting injection nozzles in diesel engines while removed.
We recommend using the test oil available as an accessory.



Pipe Ø mm	Pressure bar	DU	Article no.
14 12	600	1	BU037007 100035
Accessories	Oil fill quantity l	see	DU
Fuel Suction Device		Page 95	1
Oil	20	Page 96	1

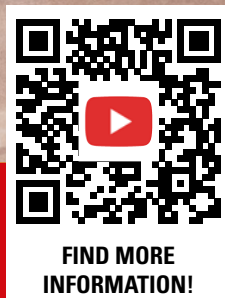
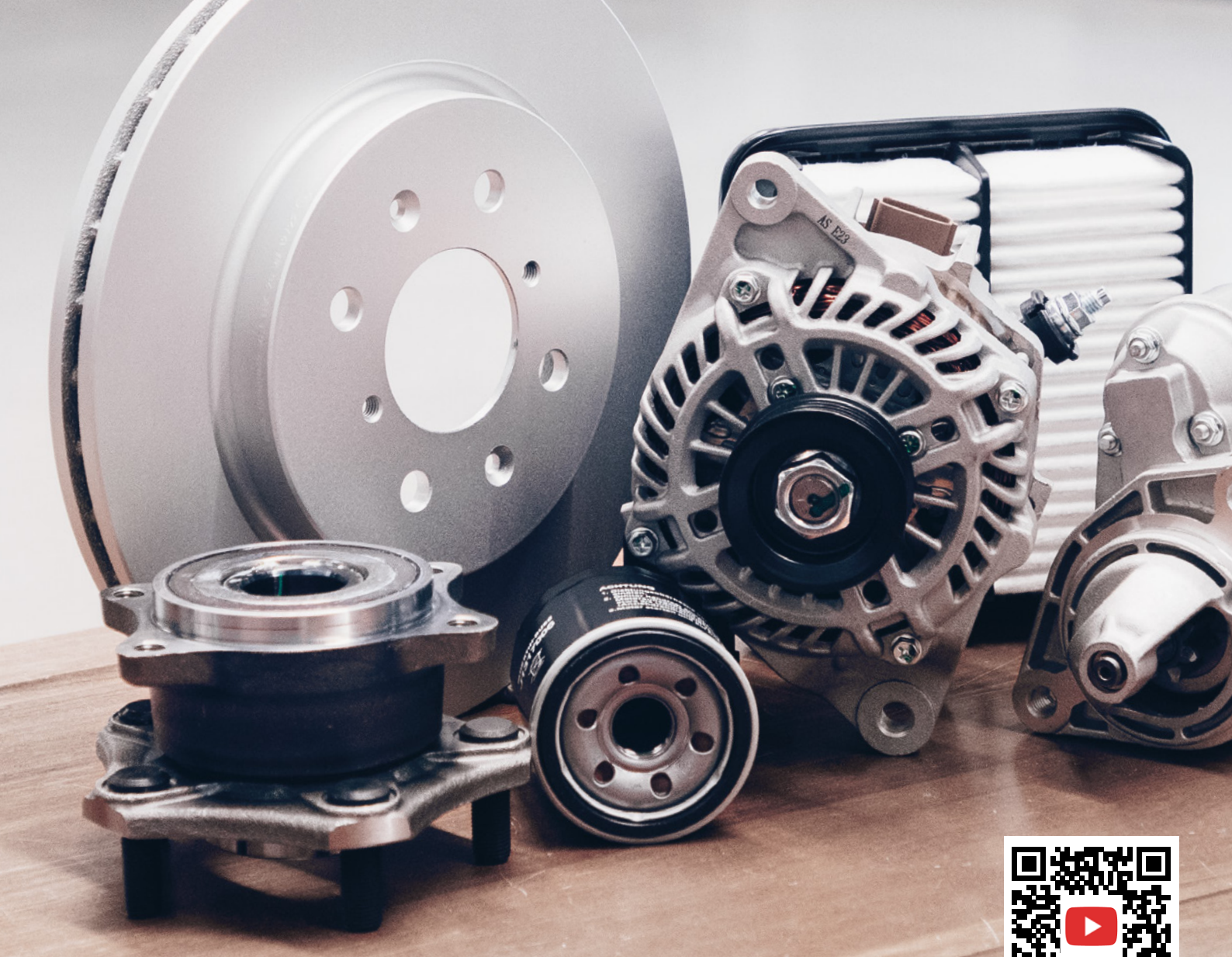
Oil

This test oil is an accessory for the hand pump for testing injection nozzles and suitable for use with identical devices. All hand pumps may only be operated with this test oil or comparable fluid. If diesel oil is used, there is a risk of resinification.



DIN ISO:	ISO 4113 SAE J967	Oil fill quantity:	20 l
----------	----------------------	--------------------	------

	DU	Article no.
	1	BU037009 100672



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Special tools



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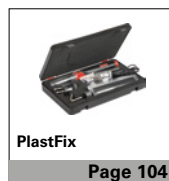
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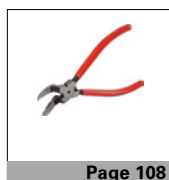
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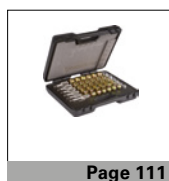
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LED



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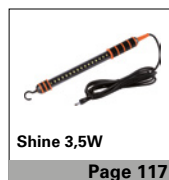
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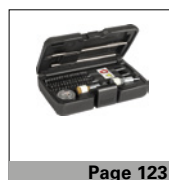
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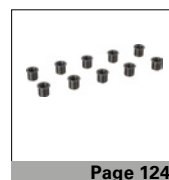
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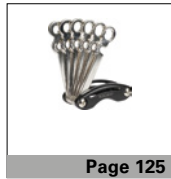
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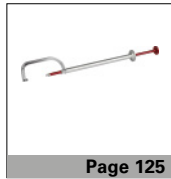
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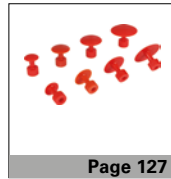
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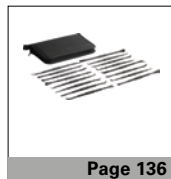
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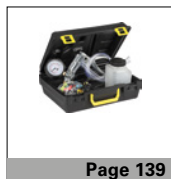
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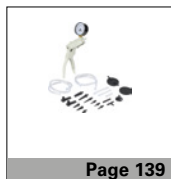
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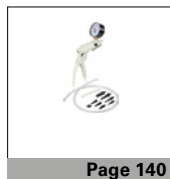
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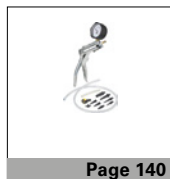
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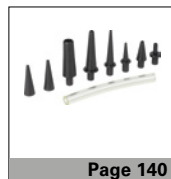
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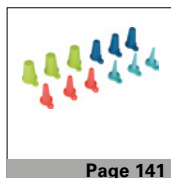
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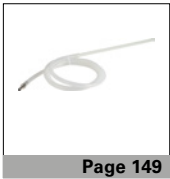
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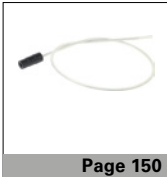
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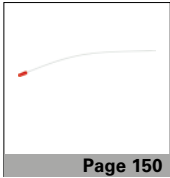
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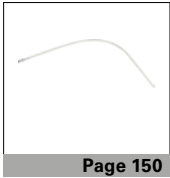
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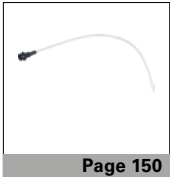
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4

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.

Input voltage: 230 V
Rated power: 2000 W
Plug type: Protected contact plug

Further features include:

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

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

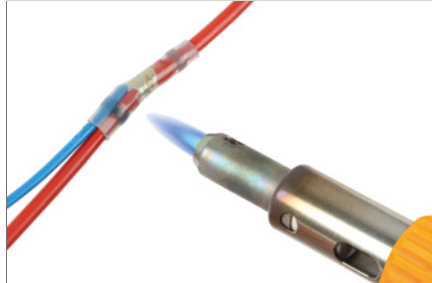


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Gas Soldering Torch



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		contained variants	see	DU
Attachment Set, gas soldering torch		5	Page 103	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
- with stand

- refilling with commercially available butane gas cartridges for cigarette lighters
- 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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Attachment Set, gas soldering torch



contained variants: 5

	DU	Article no.
	1	95921001001
for article number		
95921001 95921000		



4



PlastFix
Soldering Iron



The soldering iron set enables quick repairs on lightweight plastic parts and is extremely versatile thanks to the replaceable soldering tips. The soldering iron has a light and ergonomically shaped handle. Ideal for repairs to bumpers, headlight housings, engine covers, motorcycle fairings, radiators, etc.

- Works without liquid butane gas
- Rapid Heat Technology reaches 500° in just a few seconds (max. 600°C)
- Working tips, replaceable
- USB charging mode with Micro-B standard
- CE, FCC certification

Scope of delivery:

- 1 x soldering iron
- 1 x plastic welding tip
- 1 x plastic welding tip with side feed
- 1 x stainless steel staple welding tip
- 5 x PP thermoplastic round rods,

- approx. 4 x 150 mm
- 5 x PP thermoplastic flat rods, approx. 5.8 x 2.3 x 150 mm
- 5 x PE thermoplastic round rods, approx. 4 x 150 mm
- 5 x PS thermoplastic round rods, approx. 4 x 150 mm
- 5 x ABS thermoplastic round rods, approx. 4 x 150 mm
- 2 x stainless steel wire mesh, 50 x 100 mm
- 50 x stainless steel staple, U-shaped, 0.6 mm
- 50 x stainless steel staple, U-shaped, 0.8 mm
- 1 x soldering iron stand made of sheet metal
- 1 x USB cable with micro-B standard
- 1 x operating instructions

Power: 30 W
Solder temperature: 600 °C
Connector: with USB socket
Battery: Li-Ion Rechargeable Battery

Battery capacity: 2400 mAh
Info: with LED
LxWxH: 175 x 170 x 45 mm
Weight: 510 g

	DU	Article no.
	1	BU046008 100884



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WireFix
Soldering Iron



Thanks to the replaceable soldering tips, this multifunctional soldering iron set with Rapid Heat Technology is very versatile. The soldering iron has a light and ergonomically shaped handle.

- Rapid Heat Technology: 420°C (in just a few seconds), max. 600°C
- Charging: USB charging cable (Micro-B)
- Soldering tip (thin/normal): 30 W
- Soldering tip (for shrink hoses): 16 W

Power: 30 W
Solder temperature: 600 °C
Connector: with USB socket
Battery: Li-Ion Rechargeable Battery

Scope of delivery:

- 1 x multifunctional soldering iron
- 3 x soldering tip (thin, normal, for shrink hoses)
- 1 x tin solder with flux in the dispenser tube, lead-free, 15 g
- 1 x soldering sponge
- 1 x container for soldering sponge (aluminium)
- 1 x soldering iron stand (sheet metal)
- 1 x USB charging cable (Micro-B)
- 1 x instruction manual

Battery capacity: 2400 mAh
Info: with LED
LxWxH: 175 x 170 x 45 mm
Weight: 510 g

	DU	Article no.
	1	BU046023 100823





Pliers, hose clamp

Blade width:

16 mm

Info:

Ribbed
Recoil



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



YouTube

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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.

- Variable scope

- Stable bowden cable and clamping slide mechanism for greater clamping forces
- 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



YouTube

herthundbuss.com/channel

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 mm	DU	Article no.
210	to 40	1	95922004



Release Pliers, hose line



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

LxW mm	DU	Article no.
202 x 94	1	95922003



 YouTube

[herthundbuss.com/channel](https://www.herthundbuss.com/channel)



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

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:

- Toothed jaws ensure a firm grip, even distribution of pressure on the oil filter and ideal force transmission
- Universal use thanks to self-tightening adjustment mechanism
- 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 Zoll	Spanner size mm	Clamping range mm	DU	Article no.
1/2	24	104 to 150	1	J9131001

Oilfilter Spanner



Restriction:
Diameter 1/2:

Toyota
64,5 / 68 mm

Surface:

Chromed

Socket driver Zoll	Spanner size mm	DU	Article no.
3/8	27	1	J9131200

Set of Socket Wrench Inserts, oil drain plug



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

Restriction:

PSA
VAG
BMW
Ford

Info:

with mounting tool
with bolts/screws

	DU	Article no.
	1	95922006
Content	QU	
Screw Plug, oil sump (BMW)	3	50240001
Screw Plug, oil sump (Ford Citroen Peugeot)	3	50240002
Screw Plug, oil sump (Ford)	3	50240003
Screw Plug, oil sump (VAG)	3	50240004



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4

Screw Plug, oil sump



Fitting position:
Material:
Seal material:

engine sided
Plastic
Rubber

Restriction:
Info:

BMW
with gasket/seal

Thread size	Thread length mm	DU	Article no.
M24 x 1,5	12	1	50240001

Screw Plug, oil sump



Fitting position:
Material:
Seal material:

engine sided
Plastic
Rubber

Restriction:

for OE number:
Info:

Ford
Citroen
Peugeot
1 871 598
with gasket/seal

Thread size	DU	Article no.
M36	1	50240002

Screw Plug, oil sump



Fitting position:
Material:
Seal material:

engine sided
Plastic
Rubber

Restriction:
Info:

Ford
with gasket/seal

	DU	Article no.
	1	50240003



Screw Plug, oil sump



Fitting position:
Material:
Seal material:

engine sided
Plastic
Rubber

Restriction:
Info:

VAG
with gasket/seal

Thread size	DU	Article no.
M14 x 1,5	1	50240004

Screw Plug, oil sump



Fitting position:
Material:
Seal material:

engine sided
Plastic
Rubber

Restriction:
Info:

Mercedes-Benz
with gasket/seal

	DU	Article no.
	1	50240005

Screw Plug, oil sump



Fitting position:
Material:
Seal material:

engine sided
Polyamid 6
Rubber

Restriction:
Info:

Opel
with gasket/seal

	DU	Article no.
	1	50240006

Screw Plug, oil sump



Fitting position:
Material:
Seal material:

engine sided
Polyamid 6
Rubber

Restriction:
Info:

Mercedes-Benz
DAF
MAN
with gasket/seal

	DU	Article no.
	1	50240007

Screw plug, transmission housing (AMT)



Fitting position:
Material:

transmission sided
Plastic

Restriction:
Info:

BMW
with gasket/seal

Thread size	Thread length mm	DU	Article no.
M24x1,5	18,2	1	50240008

Repair Kit, oil drain plug thread



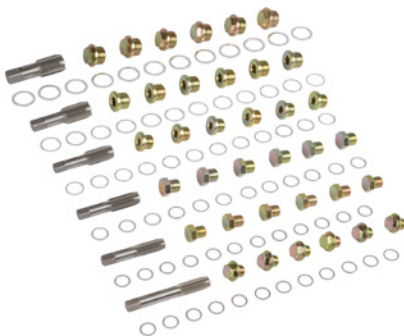
The very light and relatively soft aluminium material is often used in both engine and gear components. As a result, these components are very susceptible to thread damage. The threads in the oil drainage holes are very often damaged or even destroyed by excessive tightening, as well as frequent opening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

Screws: 6 **Type:** Self cutting tap
Sealing rings: 12

Thread size	DU	Article no.
M11 x 1,50	1	95924000
M14 x 1,25	1	95924001
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.

Screws: 36 **Type:** Self cutting tap
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 Wrench Insert,
exhaust temperature sensor**

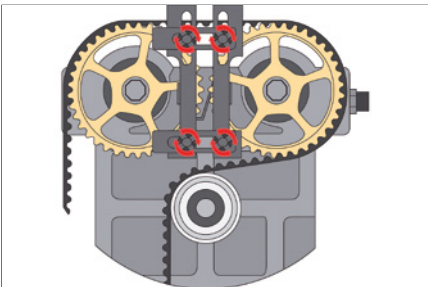
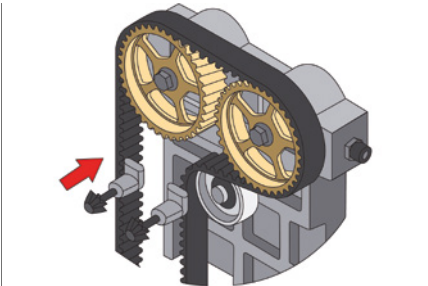
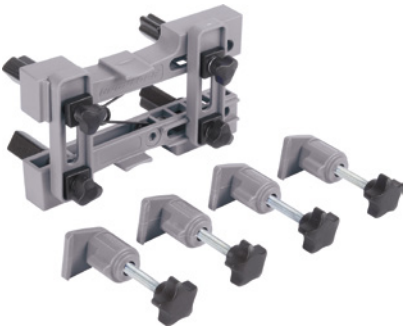
The socket inserts are designed in such a way that they fit almost all exhaust gas temperature sensors and lambda sensors. The reinforced design also ensures a secure hold even under high forces.

Spanner:	Off-set	Spanner size:	17 mm
	Open		13 mm
	simple		14 mm
	reinforced version		

Socket driver Zoll	DU	Article no.
3/8	1	95924682



Retaining Tool Set,
camshaft gear/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 pe-

trol 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)

	DU	Article no.
	1	J9112000



 YouTube

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Adapter, reservoir (brake fluid filling)



These brand-specific filling adapters are required to pump the brake fluid into the expansion tank of the brake master cylinder under certain pressure. This is necessary whenever the brake fluid is replaced or the hydraulic brake system has to be bled after a component replacement.

- this set covers at least 92% of all vehicles.
- also suitable for electric vehicles, e.g. Nissan Leaf, BMW i3, Chevrolet Bolt
- high-quality workmanship in aluminium
- 90° angled connection with quick coupling
- connection with quick coupling can be rotated 360°

Restriction:	European Standard Toyota Hyundai Kia Lexus Mazda Mitsubishi Honda Acura Suzuki Nissan Ford Chevrolet GMC Chrysler Dodge Jeep RAM	Material:	Aluminium
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		DU	Article no.
		1	J9300006
Accessories	see	DU	
Filling/Bleeding Unit, brake hydraulics	Katalog08	1	J9300001
Adapter, reservoir (brake fluid filling) (Mitsubishi)	Page 114	1	J9300006007

Adapter, reservoir (brake fluid filling)



Restriction:	Mitsubishi	Material:	Aluminium
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		DU	Article no.
		1	J9300006007
for article number J9300006			



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 integrated

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: 3

	DU	Article no.
	1	J9321000



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Spreading Tool



The spreading tool makes it easier to remove/mount components such as suspension struts, ball joint wheel hubs and various other applications.

Width: 40 mm Weight: 266 g

Range mm	DU	Article no.
2,5 to 15	1	BU046007 100955



YouTube

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Mounting Wedge

LxW: 210 x 27 mm Material: Plastic



	DU	Article no.
	1	95926000



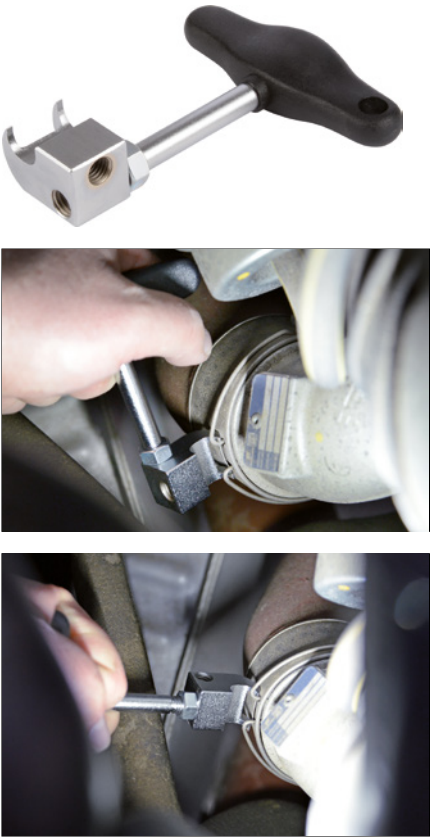
 **YouTube**

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Mounting Tool, charge air hose
fastening clamp

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

	DU	Article no.
	1	95924004



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Shine 3,5W
Hand lamp
LED



Voltage:	230 V	Cable ID:	H05RN-F 2x0,75mm ²
Rated power:	3,5 W	Mains cable length:	5 m
Light design:	LED	Mounting type:	Glued
LEDs:	16	Info:	with hook
IP-Code:	IP 20		with handle
Plug type:	Euro flat plug		

Length mm	Temperature range °C	Illumination angle °	Lumen lm	Connector	DU	Article no.
420	0 to +40	130	400		1	99910245
Accessories				see	DU	
Magnet Holder				Page 117	1	99910245001

Magnet Holder



	DU	Article no.
	1	99910245001
for article number 		
99910245		





Puller, glow plug pin



This glow pencil tip removal set enables torn-off glow pencil tips to be removed from the glow plug bore without having to remove the cylinder head. The centring adapter can be used to precisely prepare the torn-off glow tip in the centre for disassembly. The tool set is suitable for all standard glow plug sizes (M8 x 1, M9 x 1, M10 x 1 and M10 x 1.25).

Scope of delivery:

- 4 x centring adapter (M8 x 1.0 / M9 x 1.0 / M10 x 1.0 / M10 x 1.25)
- 2 x boring bar with special HSS drill bit (Ø 2.5, 3.0 mm)
- 2 x threaded rod with special thread cutter (M3, M4)
- 2 x pull-out rod with screw thread (M3, M4)
- 1 x slide hammer
- 1 x Flex magnetic rod

Number of Parts:

12

Packaging:

Plastic Case

			DU	Article no.
			1	BU041010100772
Content	Diameter mm	Thread size	QU	
Drill Bit	2,5		1	BU041010003
	3,0		1	BU041010004
Impact Puller			1	BU041010009
Protection Film			1	BU041010011
Slide Hammer			1	BU041010010
Thread Cutter Set		M3	1	BU041010001
		M4	1	BU041010002



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Impact Extractor, common rail injector



- for removing injectors
- powerful and compact design (piston height only 47 mm)
- the large stroke and robust design allow it to be used on almost all vehicles
- the practical handle makes the work process easier thanks to the lateral movement
- 1 x pneumatic diesel injector extractor

- ideal for pulling out different injectors, such as: Denso, Siemens, Delphi, Bosch, etc.
- 5 x metric connections
- 1 x compressed-air connection with hose and shut-off valve
- 1 x O-metal adapter

Connecting thread:

M14
M17
M20
M25
M27

Compressed air connectors:

Instrument type:

Weight:

1
Shut-Off Cock
4,70 kg

Piston height mm	DU	Article no.
47	1	BU041001 100952



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4



**Impact Extractor,
common rail injector**



The injection valve can be removed in two ways: either by rotation alone or by rotation combined with axial traction. The traction joint allows the slide hammer to be used even in confined spaces.
Scope of delivery:

- 1 x traction rod for the slide hammer
- 1 x traction joint

- 1 x slide hammer
- 1 x rotation handle with soft cover
- 2 x rotation grub screws (M12 x 1)
- 2 x rotation connection adapters (M12 x 1.5, M14 x 1.5)
- 1 x rotation spacer 15
- 1 x rotation spacer 30
- 1 x case

Impact weight: 2,00 kg
Weight: 4,45 kg

Injection system: Common-Rail with Piezo injectors
Common Rail

	DU	Article no.
	1	BU041011 100771



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4



Puller, injector seal

Can be used universally in the case of stuck or burnt-in seal rings. The seal rings can be removed quickly and effortlessly without damaging the engine block.

Fit: Universal **Weight:** 2000 g
WxHxD: 145 x 240 x 100 mm

Seal diameter mm	DU	Article no.
5,5 to 12,5	1	BU041008 100837



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4



Disassembly Tool Set, glow plug



- high-quality tool for professional applications, ideal for hard-to-reach glow plugs
- enables the removal of defective, jammed and broken glow plugs from the cylinder head without causing damage
- thread cutters are self-centring and can be used with a commercially available screw-driving tool (ratchet)
- the special design of the electrode pull-off sleeve enables the glow plug to be pulled out

Scope of delivery:

- 1 x slide hammer
- 1 x slide hammer rod
- 4 x thread cutter: M6 x 1.0 / M8 x 1.0 / M10 x 1.0 / M10 x 1.25
- 1 x drill bit: Ø 2.5 mm
- 1 x electrode pull-off sleeve
- 1 x pull-off tool M6 x 1
- 1 x 2-step milling cutter M8
- 1 x 2-step milling cutter M10
- 1 x milling cutter sleeve
- 1 x hexagon nut
- 1 x threaded rod for the hexagon nut
- 2 x threaded rods
- 2 x metal sleeves

Number of Parts:

18

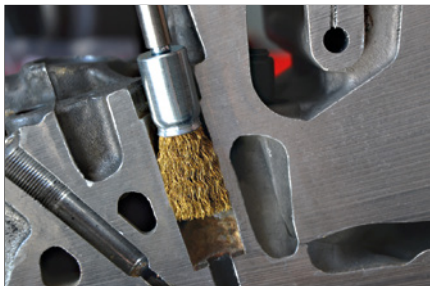
Packaging:

In Plastic Case



				DU	Article no.
				1	BU041009100824
Content	Diameter mm	Thread size	Total length mm	QU	
Adapter, impact puller				1	BU041009011
Deep Seat Milling Cutter		M10		1	BU041009001
		M8		1	BU041009002
Drill Bit	2,5			1	BU041009003
Hexagon Nut		M8		1	BU041009014
Impact Puller		M6		1	BU041009010
Mount, impact puller				1	BU041009012
				1	BU041009009
			135	1	BU041009013
Pin			35	1	BU041009004
Thread Tap, glow plug		M10		1	BU041009006
				1	BU041009007
		M6		1	BU041009005
		M8		1	BU041009008

Cleaning/Milling Tool Set, CR injector seat



This universal kit is suitable for cleaning the injector shaft in diesel engines.

Scope of delivery:

- 1 x wire brush Ø 20 mm, for cleaning the nozzle openings
- 1 x wire brush Ø 25 mm, for cleaning the nozzle openings
- 1 x brass brush for cleaning the seat
- 1 x Teflon brush for cleaning the seat
- 1 x extension rod for the brushes
- 2 x sealing plug for sealing the nozzle opening during cleaning
- 2 x spare O-rings for sealing plug
- 1 x sandpaper attachment
- 1 x holder for sealing plug and sandpaper attachment
- 10 x sandpaper (approx. 0.6 mm material thickness, approx. 16 mm material diameter)

			DU	Article no.
			1	BU041012100652
Content	Diameter mm	Bristle material	QU	
Cleaning Brush		Brass	1	BU041012004
		PTFE (polytetrafluoroethylene)	1	BU041012005
Sandpaper	16		1	BU041012003



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4



Die Set, glow plug



This repair set is ideal for repairing a defective glow plug thread. The thread cutters with hexagon drive are self-centring and can be used in confined engine compartments. Use the thread cutter to cut the new thread, then screw in the threaded insert in the thread direction while applying slight pressure.

Scope of delivery:

- 4 x assembly tool for inserting the threaded sleeves
- 2 x reamer: Ø 9 · 11 [mm]
- 4 x special thread cutter
- 20 x threaded inserts:
- 4 x M8 x 1.00; length: 10 mm
- 4 x M8 x 1.00; length: 20 mm
- 4 x M9 x 1.00; length: 20 mm
- 4 x M10 x 1.00; length: 20 mm
- 4 x M10 x 1.25; length: 20 mm

Number of Parts:

30

Packaging:

Box

			DU	Article no.
			1	BU041002 100880
Content	Thread size	Depth mm	QU	
Thread Insert	M8 x 1,00	10	1	BU041003
		20	1	BU041004
	M9 x 1,00		1	BU041005
	M10 x 1,00		1	BU041006
	M10 x 1,25		1	BU041007

Thread Insert



The threaded inserts can be installed without the need for adhesive or thread sealant. They are made of S300PB steel and feature a black oxide finish that provides additional protection and a durable surface.

Depth mm	Thread size	QU	Qty	DU	Article no.
10	M8 x 1,00	Piece	10	1	BU041003 990323
20	M8 x 1,00	Piece	10	1	BU041004 990324
	M9 x 1,00	Piece	10	1	BU041005 990325
	M10 x 1,00	Piece	10	1	BU041006 990326
	M10 x 1,25	Piece	10	1	BU041007 990327

for article number

BU041002



Spanner Set, brake line



This special wrench set is suitable for loosening brake bleed nipples.
■ Suitable for all standard sizes

- 12-point for closely spaced adjustments
- Ring wrench sizes: 7, 8, 9, 10, 11, 12 mm
- Hinged holder

Number of Parts: 6
Spanner: Ring Socket Wrench Insert

LxWxH: 102 x 40 x 25 mm
Weight: 238 g

Spanner size mm	Number of sides	DU	Article no.
7 to 12	12	1	BU042003 100847



Vernier Calliper, brake disc thickness



Material: Aluminium

Measuring range mm	Measurement Accuracy +/- mm	DU	Article no.
0 to 45	0,25	1	BU042005 100622



4



Paint Meter, coating thickness



- Eddy current measurement
 - Automatic metal detection
 - Hi/Lo specification
 - MAX/MIN function
- Accuracy:
- +/- 4 dgts on 0 to 7.8 mils
 - +/- 10 dgts on 0 to 199 µm
 - +/- (3% + 4 dgts) on 7.9 mils to 40 mils
 - +/- (3% + 10 dgts) on 200 µm to 1000 µm

Temperature coefficient:

- +/- 0.1% of selected unit, whichever is greater, accuracy change in °F/°C Change when usage temperature exceeds 82.4 °F/28 °C or falls below 64.4 °F/18 °C

Scope of delivery:

- 1 x coat thickness measuring device
- 1 x 9 V block battery
- 1 x iron plate
- 1 x aluminium plate
- 1 x reference calibration plate
- 1 x storage bag

WxHxD: 105 x 148 x 42 mm

Required battery: 9V Block
Included in the delivery

Particle size µm	Operating temperature °C	max. relative humidity %	Reaction Time 1/s	DU	Article no.
0 to 1000	0 to 50	to 75	1	1	BU043001 100424



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Panel Beating Tools



The dent repair tool enables spot repairs to small dents to avoid time-consuming filling or painting work. Moving rubber feet ensure optimum pressure distribution to prevent damage to the paint.

Material: Aluminium

Stroke mm	DU	Article no.
30	1	BU043002 50105
Content	QU	
Panel Beating Tools	1	BU043002001
Adhesive Sheet Set, panel beating tools (dent repair)	1	BU043002002
Glue Stick, hot glue gun	10	BU043002003

Panel Beating Tools



Material: Aluminium

	Colour	DU	Article no.
		1	BU043002001 100866
for article number			
BU043002			



4

Adhesive Sheet Set, panel beating tools (dent repair)



	Qty	DU	Article no.
	8	1	BU043002002 100816
for article number			
BU043002			



Glue Stick, hot glue gun



	DU	Article no.
	10	BU043002003 100817
for article number		
BU043002		





Dent Mirror



The reflector disc is a very helpful tool to make dents and bumps easily and quickly visible, especially the easily overlooked hail damage on motor vehicles. This is made possible by the uniform stripes on the reflector disc. The

reflector disc is held over the paint so the stripes of the disc reflect on the surface of the body under correct lighting conditions. Smaller dents or bumps are shown by reflection breaks or kinks in the lines.

Diameter cm	DU	Article no.
80	1	BU043003 100814



Punch Set, sensor (parking distance control)



When retrofitting the parking assist, the seven-part tool set enables precise holes to be punched in order to fit parking sensors on the bumper. The hole punches can be used with a ratchet or a simple cordless screwdriver. The

paintwork is not damaged when punching out the holes from the outside to the inside, eliminating the need for repainting. The diameter sizes are labelled on the die of the hole punch.

Number of Parts:	7	Spanner size:	13 mm mm
Bore Ø:	8,5 mm		

Diameter mm		DU	Article no.
17 18 19 20 21 22		1	BU043010 100752
Content	Diameter mm	QU	
Screw Hole Punch	17	1	BU043025
	18	1	BU043026
	19	1	BU043027
	20	1	BU043028
	21	1	BU043029
	22	1	BU043030



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Screw Hole Punch



When retrofitting the parking assist, this hole punch enables precise holes to be punched in order to fit parking sensors on the bumper. The hole punch can be used with a ratchet or a

simple cordless screwdriver. The paintwork is not damaged when punching out the holes from the outside to the inside, eliminating the need for repainting.

Bore Ø:
Spanner size:

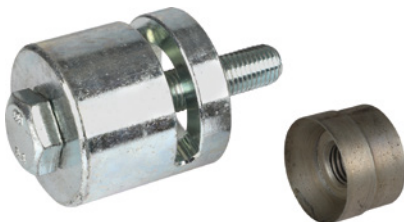
8,5 mm
13 mm

Material:

Steel

Diameter mm	DU	Article no.
17	1	BU043025 100795
18	1	BU043026 100796
19	1	BU043027 100797
20	1	BU043028 100798
21	1	BU043029 100799
22	1	BU043030 100800

Screw Hole Punch



■ Individual hole punches for parking sensors and reversing cameras (special sizes)

Bore Ø:

10,5 mm

Material:

Steel

Diameter mm	DU	Article no.
24	1	BU143011 100838
26	1	BU143012 100780
27	1	BU143013 100764
28	1	BU143014 100851
29	1	BU143015 100852
30,5	1	BU143016 100761
32,5	1	BU143017 100762
34	1	BU143020 100905
37	1	BU143018 100906
37,5	1	BU143019 100907



4



Mounting Tool Set, V-ribbed belt



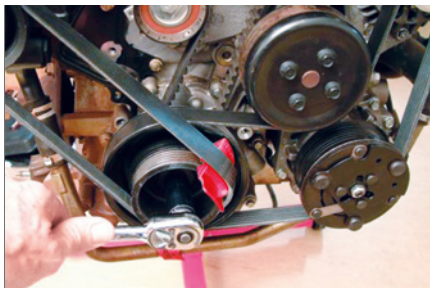
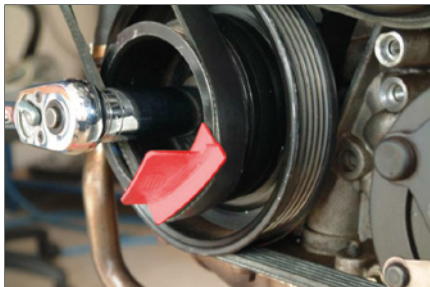
V-ribbed belt tool set for all elastic V-ribbed belts that do not have a belt tensioner. The belt is placed on the pulley with pretension.

- Suitable for all standard round, flat, toothed, V and V-ribbed belts

- Reliable, fast and professional belt replacement in a straightforward process that prevents damage
- Eliminates the need for a special tool from the manufacturer

Material: PA 6 GF 30

	DU	Article no.
	1	BU045001 100668



YouTube

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Puller Set, belt pulley



Can be used universally for almost all spoked harmonic balancer pulleys on European, Asian and American vehicles. Cross-manufacturer and cross-model solution for symmetrical and asymmetrical spoke spacing.

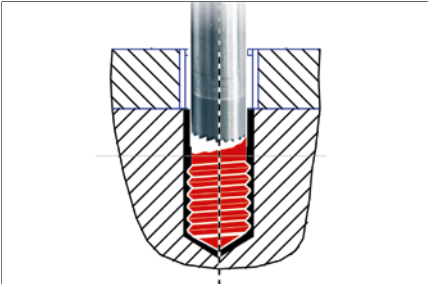
Scope of delivery:

- 4 x pressure bolts in 4 lengths
- 1 x 2-arm crosspiece
- 1 x 3-arm crosspiece
- 1 x set of standard control arms
- 1 x set of narrow arms
- 1 x set of side arms
- 2 x screw for pulling off the pulley
- 1 x pressure bushing
- 2 x centre mountings

Number of Parts: 14

	DU	Article no.
	1	BU045005

Milling Drill



The cutter is suitable for smoothing broken edges of torn-off screws. The special helical toothing on the face prevents damage to the thread being machined, so that it remains in-

tact. This ensures that further machining with various centring, drilling and boring tools can be carried out safely.

Milling Form: Toothed
Shaft form: Cylindrical
Material: Carbide

RPM r/min	Shaft Ø mm	DU	Article no.
8000 to 16000	6	1	BU046002 100960
Content	Head Ø mm	Total length mm	QU
Milling Drill	4,8	50	1
	6,0		1
		105	1
			BU046003 BU046004 BU046005

Compressed Air Mounting Device,
axle boot



Number of arms: 8
LxWxH: 446 x 145 x 145 mm
Compressed-air Connection: 1/4 Zoll
Connector type: Stecknippel R 1/4"
Info: with compressed air plug nipple

Operating Pressure bar	Spread Size mm	DU	Article no.
4 to 7	115	1	BU046006 100961

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File Set

Set of diamond-coated files for precise grinding, shaping and sharpening of hard materials such as glass, ceramics, metal and carbide.

Number of tools: 3

	DU	Article no.
	1	BU046010 100935



File Set

Three flat files made of flexible stainless steel for removing corrosion on flat sockets, flat plugs and relays, for example. Using this set can improve the conductivity of the electrical connections for fault-free diagnostics on the object.

- Working surface: mild, abrasive diamond coating
- Working surface sizes:
 - 0.065 x 6 x 83 mm
 - 0.065 x 9 x 83 mm
 - 0.065 x 15 x 83 mm

Number of tools: 3 Material: Stainless Steel

Thickness mm	Length mm	DU	Article no.
0,065	165	1	BU046012 100760



File Set

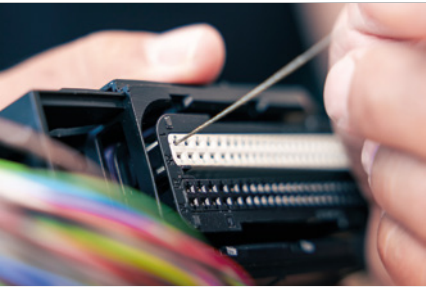


Twelve round files made of flexible stainless steel with different diameters for removing corrosion on contacts. Using this set can improve the conductivity of the electrical connections for fault-free diagnostics on the object.

The special round file shape makes this set ideal for cleaning bushings and threads. All kinds of bushings can be cleaned.
■ Working surface: mild, abrasive diamond coating

Number of tools: 12 Material: Stainless Steel

Diameter mm	Length cm	DU	Article no.
0,762 to 3,048	12,7	1	BU046013 100759
Accessories		see	DU
Tweezer Set		Page 134	1 BU046014
Cleansing Contact Set		Page 133	1 BU046011
File Set		Page 132	1 BU046012





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Cleansing Contact Set



The 3-piece PIN connector cleaner set is ideal for thoroughly cleaning items such as 7- and 13-pin trailer plugs and sockets. It reliably removes corrosion and dirt, thereby improving conductivity and helping to prevent power supply failures, for example in trailer lighting.

Number of Parts: 3

Length mm	DU	Article no.
135	1	BU046011 100765



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Tweezer Set



Three grinding tweezers for removing corrosion in the plug housing, without damaging the sensitive contacts. Thanks to the shape of the tweezers, plugs and plug connections on flat (spade) pin terminals can be cleaned. The legs

of the tweezers can also be swivelled for even greater versatility and flexibility. Using this set can improve the conductivity of the electrical connections for fault-free diagnostics on the object.

Design: Precision Tweezers
Material: Stainless Steel

Surface: Diamond-coated

Length mm	DU	Article no.
110	1	BU046014 100758



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Screwdriver, tyre valve core



The valve wrench reduces the noise of up to 115 dB that is generated when a tyre valve is loosened (e.g. on a car, lorry or bus) to approx. 85 dB. This item also allows the valve to be removed with one hand, ensuring that the valve is not lost.

Length: 150 mm

	DU	Article no.
	1	BU046015 100597



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Wheel Lock Removal Kit



- suitable for universal use
 - also suitable for wheel locks with spinning collar
- Scope of delivery:
- 4 x inner centring aids made of nylon: 33, 35, 37, 38 mm
 - 3 x outer centring aids made of metal: 19, 21, 24 mm

- 1 x centring aid made of metal for spinning collars 17/19 mm
- 1 x extractor holder made of metal
- 1 x extractor remover made of metal
- 4 x extractors made of metal
- 2 x extremely hard special drill bits: Ø 8.5 mm

Number of Parts:

16

	DU	Article no.
	1	BU046017 100750
Content	Diameter mm	QU
Drill Bit	8,5	1
Wheel Lock Removal Kit		1



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4

Drill Bit



Diameter mm	QU	Qty	DU	Article no.
8,5	Piece	5	1	BU046017001 990311
for article number BU046017				

Wheel Lock Removal Kit



- these extractors are spare parts for the wheel lock release tool set

	QU	Qty	DU	Article no.
	Piece	4	1	BU046017002 990312
for article number BU046017				



Cleaning Tool, grease nipple



This impact cleaning press unblocks heavily clogged grease nipples so that the grease can be freely fed in again. A low-viscosity oil is injected into the fitting by the piston of the im-

pact cleaning press, which breaks up the hardened grease and dirt and enables the grease to be fed in freely again.

Length: 210 mm

	DU	Article no.
	1	BU046019 100768



 **YouTube**

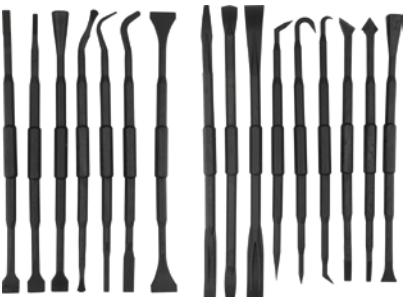
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4



Mounting Lever Set



Thanks to its wide range of different lever and hook shapes, the assembly lever set offers outstanding convenience when working on cable harnesses, gaskets, fittings, trim panels

and in other fields of application. The handle in the middle of each tool ensures easy handling, even in difficult and confined spaces.

Number of tools: 16 Material: Plastic

Length mm	DU	Article no.
164 to 183	1	BU046026

Bleeding Tool Kit, fuel system



Bleeding kit for diesel fuel systems This bleeding kit enables fast and clean bleeding of diesel fuel systems after replacing the fuel filter.

- Safe removal of air from lines and filter housings
- Protects the high-pressure pump against

- damage from a broken lubricating film
- Precise adapter for almost all common brands
- Transparent hose for visual inspection
- Hand pump for precise working

Number of Parts: 13

	DU	Article no.
	1	BU146001 100678



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4



Vacuum Filling Unit, cooling system



The vacuum filling unit for cooling systems is an indispensable tool for efficiently and completely filling and bleeding cooling systems to eliminate the need for subsequent bleeding.

- The generation of a vacuum enables cooling systems to be filled quickly and without bubbles
- Eliminates the need to bleed the system
- Universal fasteners, suitable for most radiator and expansion tanks, without

- additional adapters
- Prevents coolant being spilled and wasted
- Integrated vacuum indicator provides additional information about the system's leak-tightness
- Robust design for long-lasting reliability in workshop environments
- Easy to use thanks to clearly structured connections and controls

Hose length: 1,5 m Suitable for: PC (passenger car)
CV (commercial vehicles)

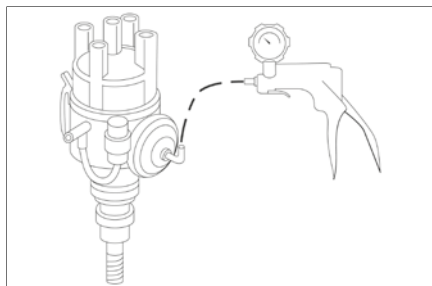
Working pressure bar	Negative pressure bar	Pressure gauge scale bar	Air Consumption l/min	DU	Article no.
5,5 to 9,0	0,85	0 to -1,0	180	1	BU046025100241
Content				QU	
Manometer				1	BU046025001
Adapter, cooling system pressure test set				1	BU046025002
				1	BU046025003



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Pressure/Vacuum Pump



The hand pump is used to diagnose and adjust vacuum and pressure systems that affect engine performance, and also to bleed brakes and replace or collect fluids. The kit enables a wide range of automotive diagnostics and tests; for example, brake bleeding can be carried out by just one person. Vacuum or pressure is built up precisely and in a controlled manner using a lever.

Scope of delivery:

- 1 x metal pressure/vacuum hand pump
- 1 x 500 ml PVC container with fluid line and sealing caps
- 6 x cone-shaped adapters for connection to hoses from 2.3 mm to 13 mm
- 2 x cone-shaped multiple plugs
- 2 x universal screw adapters for bleeding
- 1 x 12-piece pipe plug set
- 1 x T-adapter for vacuum line
- 2 x connecting hoses 6.4 mm x 610 mm
- 1 x hose connector 4 mm x 6.4 mm
- 1 x adapter with rubber caps
- 1 x quick-change hose connection

Pump type: Dual Pump
Operating mode: Manual (hand operated)

Manometer Ø: 65 mm
Material: Metal

Working pressure bar	Negative pressure bar	Flow quantity per stroke l	DU	Article no.
to 4	to 1	0,016	1	BU034018 100409
Content		Diameter mm	Material	QU
Assortment, protective plugs and caps		4 to 13		1
Hose Connector				1
Pressure/Vacuum Pump			NE metal	1
Tank			PVC	1
Accessories		see	DU	
Connecting/distributing Piece Set, compressed air technology		Page 70	1	BU034004
Accessory Kit, pressure/vacuum pump		Page 141	1	BU074040



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Vacuum Pump



- For checking and adjusting vacuum-operated functions on the vehicle

Pump type: Mono Pump
Operating mode: Manual (hand operated)

Material: PVC

Negative pressure bar	DU	Article no.
to 1	1	BU034031 100434
Content		QU
Accessory Kit, pressure/vacuum pump		1
Accessories		see
Hose Connector		Page 142
	1	BU034018002



Pressure/Vacuum Pump



Combined pressure/vacuum pump for checking and adjusting the pressure and vacuum functions on the vehicle. The metal pump has a built-in and combined changeover and drain valve.

Scope of delivery:

- 1x hand pump, switchable, with pressure gauge
- 1x PVC hose
- 1x adaptor tip set
- 1x hose connector

Pump type: Dual Pump
Operating mode: Manual (hand operated)

Manometer Ø: 65 mm
Material: PVC

Working pressure bar	Negative pressure bar	Flow quantity per stroke l	DU	Article no.
to 4	to 1	0,016	1	BU034032 100435
Content			QU	
Accessory Kit, pressure/vacuum pump			1	BU074041
Accessories			see	DU
Hose Connector			Page 142	1 BU034018002
Repair Kit, hand feed pump			Page 140	1 BU034032001

Pressure/Vacuum Pump



Combined pressure/vacuum pump for checking and adjusting the pressure and vacuum functions on the vehicle. The metal pump has a built-in and combined changeover and drain valve.

Scope of delivery:

- 1x hand pump, switchable, with pressure gauge
- 1x PVC hose
- 1x adaptor tip set
- 1x hose connector

Pump type: Dual Pump
Operating mode: Manual (hand operated)

Manometer Ø: 65 mm
Material: NE metal

Working pressure bar	Negative pressure bar	Flow quantity per stroke l	DU	Article no.
to 4	to 1	0,016	1	BU034033 100436
Content			QU	
Accessory Kit, pressure/vacuum pump			1	BU074041

Repair Kit, hand feed pump



Info: with seal rings
with spring
with valve

	DU	Article no.
	1	BU034032001 990225
for article number		
BU034032		

Accessory Kit, pressure/vacuum pump



Number of Parts: 9

	DU	Article no.
	1	BU074041 997156

Manometer



Negative pressure bar	DU	Article no.
to 1	1	BU074042 990194

Assortment,
protective plugs and caps



The pipe plugs are suitable for sealing lines during pressure and vacuum tests, for example. The caps can also be inserted on or in fluid lines to prevent dripping.

Number of Parts:	12	Shape:	Conical
Diameter mm	DU	Article no.	
4 to 13	1	BU046022 100536	



4



Accessory Kit, pressure/vacuum
pump



Number of Parts:	22
</	



Tank



Material:

PVC

Capacity l	DU	Article no.
to 0,5	1	BU034018001 990237

Hose Connector



Info:

with quick coupling

Diameter 1/2 mm	DU	Article no.
4 / 6,4	1	BU034018002 990238

Pressure/Vacuum Pump



The pressure and vacuum pump is a reliable tool for testing pressurised functions on a vehicle. It is capable of generating engine-independent vacuum for checking and adjusting, making it a versatile option.

- robust, fuel-resistant design with built-in drain valve

- quick and easy one-handed operation
- switchover from pressure to vacuum measurement
- reduction of the vacuum without removing the connections
- supplied with connecting hose and various fittings in a compact workshop box

Pressure bar	Negative pressure bar	DU	Article no.
4	1	1	95923011

Pressure/Vacuum Pump



- Includes three interlocking probes: 5.8 mm, 6.7 mm, 9.8 mm
- Suitable for extracting engine oil, brake fluid, transmission oil, water, etc.
- Can be used universally in applications such as automotive/motorcycle, marine, home and garden, etc.

Pump type: Dual Pump
Operating mode: Manual (hand operated)
Info: with overpressure valve

Number of track rollers: 3
Roller brake: Yes

Container volume l	Height mm	DU	Article no.
18	700	1	BU074015 100449
Content	Diameter mm	QU	
Suction Probe, oil suction device	5,8	1	BU074031
	6,7	1	BU074032
	9,8	1	BU074017
Accessories	Diameter mm	see	DU
Filling Adapter Set, transmission		Page 150	1
Filling Hose, transmission		Page 149	1
Suction Probe, oil suction device	4	Page 149	1
for article number			
BU074021			



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4



Pressure/Vacuum Pump

- Includes three interlocking probes: 5.8 mm, 6.7 mm, 9.8 mm
- Suitable for extracting engine oil, brake fluid, transmission oil, water, etc.
- Can be used universally in applications such as automotive/motorcycle, marine, home and garden, etc.

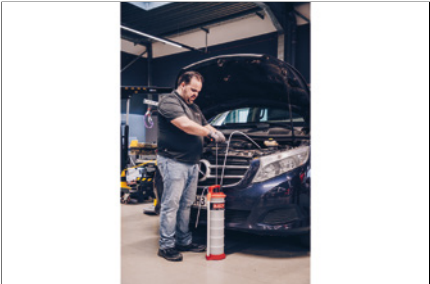
Pump type: Dual Pump **Info:** with overpressure valve
Operating mode: Manual (hand operated)

Container volume l		Height mm	DU	Article no.
10,5		580	1	BU074020 100753
Content		Diameter mm	QU	
Suction Probe, oil suction device		5,8	1	BU074031
		6,7	1	BU074032
		9,8	1	BU074017
Accessories	Diameter mm	see	DU	
Filling Adapter Set, transmission		Page 150	1	BU074021
Filling Hose, transmission		Page 149	1	BU074026
Suction Probe, oil suction device	4	Page 149	1	BU074033
for article number				
BU074021				



4

Vacuum Pump



- Includes three interlocking probes: 5.8 mm, 6.7 mm, 9.8 mm
- Suitable for extracting engine oil, brake fluid, transmission oil, water, etc.
- Can be used universally in applications such as automotive/motorcycle, marine, home and garden, etc.

Pump type: Mono Pump **Info:** with overpressure valve
Operating mode: Manual (hand operated)

Container volume l	Height mm	DU	Article no.
6,5	650	1	BU074008 100391
Content	Diameter mm	QU	
Plug nipple		1	BU074008002
Seal Ring Set		1	BU074035
Seal Ring/Spring Set		1	BU074008001
Suction Probe, oil suction device	5,8	1	BU074031
	6,7	1	BU074032
	9,8	1	BU074017
Accessories	Diameter mm	see	DU
Suction Probe, oil suction device	4	Page 149	1
			BU074033





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4



Vacuum Pump



- Includes three interlocking probes: 5.8 mm, 6.7 mm, 9.8 mm
- Suitable for extracting engine oil, brake fluid, transmission oil, water, etc.
- Can be used universally in applications such as automotive/motorcycle, marine, home and garden, etc.

Pump type:
Operating mode:

Mono Pump
pneumatic

Info:

with overpressure valve

Container volume l	Height mm	DU	Article no.
19	650	1	BU074009 100392
Content	Diameter mm	QU	
Suction Probe, oil suction device	5,8	1	BU074031
	6,7	1	BU074032
	9,8	1	BU074017
Accessories	Diameter mm	see	DU
Suction Probe, oil suction device	4	Page 149	1
			BU074033

Vacuum Pump



Universal pump kit for suctioning various liquids.

- Flexible hose with 300 mm plastic probe at the end

Coupling type:

Quick Coupling

Operating mode:

Pneumatic-hydraulic

Container volume l	Hose length m	Hose Ø mm	Height mm	DU	Article no.
2	2	9,8	270	1	BU074002 50015
Content				QU	
Vacuum Pump				1	BU074030
Filler Hose, fill/extraction pump				1	BU074013
Silencer, compressed air system				1	BU074030002
Connection Piece, hose line				1	BU074030001
Accessories			see	DU	
Filler Hose, fill/extraction pump			Page 149	1	BU074012
Accessory Kit, pressure/vacuum pump			Page 149	1	BU074014
			Page 148	1	BU074010
Adapter, bleeding hose (brake system bleeding)			Page 148	1	BU074011

Vacuum Pump



Universal pump kit for suctioning engine oil through the dipstick tube.

Coupling type: Quick Coupling **Operating mode:** Pneumatic-hydraulic

Container volume l	Hose length m	Probe length mm	Hose Ø mm	Height mm	DU	Article no.
2	1,7	300	4,0 to 9,8	270	1	BU074003 50016
Content					QU	
Vacuum Pump					1	BU074030
Accessory Kit, pressure/vacuum pump					1	BU074014
Silencer, compressed air system					1	BU074030002
Connection Piece, hose line					1	BU074030001
Accessories				see	DU	
Filler Hose, fill/extraction pump				Page 149	1	BU074012
				Page 149	1	BU074013
Accessory Kit, pressure/vacuum pump				Page 148	1	BU074010
Adapter, bleeding hose (brake system bleeding)				Page 148	1	BU074011

Vacuum Pump



This vacuum pump is a basic device that, in combination with special kits, is suitable for various applications such as diesel filter filling and bleeding, brake fluid replacement in cars and motorcycles, and universal fluid extraction. When connected to a compressed

air system, the pump generates a powerful vacuum via the integrated venturi system. The vacuum pump is equipped with a spout and sealing plug with plug-in coupling and has a pressure regulator.

Pump type: Dual Pump **Operating mode:** Pneumatic-hydraulic

Container volume l	Height mm	DU	Article no.
2	270	1	BU074030 100421
Content		QU	
Silencer, compressed air system		1	BU074030002
Seal Ring Set		1	BU074035
Connection Piece, hose line		1	BU072012
		1	BU074030001
Accessories		see	DU
Accessory Kit, pressure/vacuum pump		Page 149	1 BU074014
		Page 148	1 BU074010
Adapter, bleeding hose (brake system bleeding)		Page 148	1 BU074011
Filler Hose, fill/extraction pump		Page 149	1 BU074013
		Page 149	1 BU074012





Connection Piece, hose line



Info: with seal ring
with quick couplers

	DU	Article no.
	1	BU074030001 990196
for article number BU074030		



Silencer, compressed air system



The sound absorber reduces the noise level during the vacuum process at the Venturi nozzle.

	DU	Article no.
	1	BU074030002 990188

Accessory Kit, pressure/vacuum pump



Scope of delivery:
 ■ Quick coupling
 ■ 750 ml adjustable bottle (angle)
 ■ Universal rubber nipple, therefore suitable for ABS

only in connection with: BU074030 Connector type: Schnellkupplung

Container volume l	Hose length m	DU	Article no.
0,75	1,55	1	BU074010 100422

Adapter, bleeding hose (brake system bleeding)



Scope of delivery:
 ■ 1 x quick coupling
 ■ 2 x universal rubber nipples, therefore also suitable for ABS
 ■ 1 x Y-hose

only in connection with: BU074030 Mounting: Schnellkupplung

Hose length m	DU	Article no.
1,35	1	BU074011 100423

Filler Hose, fill/extraction pump



Diesel filter filling and bleeding hoses with open end for connection to various filling and bleeding devices.

Suited for fuel type: Diesel **Info:** with quick couplers
Material: Silicone

Hose length mm	Hose Ø 1/2/3 mm	DU	Article no.
600	4 / 6	1	BU074012 100428
Accessories		see	DU
Vacuum Pump		Page 147	1
for article number			
BU074030			

Filler Hose, fill/extraction pump



Intake Manifold: with air intake pipe **Coupling type:** Quick Coupling

Pipe length mm	Hose length m	Pipe Ø mm	DU	Article no.
300	1,7	9,8	1	BU074013 100440
Accessories		see	DU	
Vacuum Pump		Page 147	1	BU074030
for article number				
BU074030				

Filling Hose, transmission



Instrument type: Shut-Off Cock **Info:** with quick couplers

Hose length m	DU	Article no.
1,5	1	BU074026 990308
for article number		
BU074015 BU074020		

Accessory Kit, pressure/vacuum pump



Scope of delivery:
 ■ Quick coupling
 ■ Four probes with diameters of: 4.0 mm, 5.8 mm, 6.7 mm and 9.8 mm
 ■ Probe length: 300 mm

only in connection with: BU074030 **Connector type:** Schnellkupplung

Hose length m	DU	Article no.
1,7	1	BU074014 100441

Suction Probe, oil suction device



Material: PVC

Diameter mm	Length mm	DU	Article no.
4	1000	1	BU074033 990203
for article number			
BU074008 BU074009 BU074020 BU074015			



Suction Probe, oil suction device



Material: PVC

Diameter mm	Length mm	DU	Article no.
5,8	1000	1	BU074031 9971308003

for article number

BU074008 | BU074020 | BU074015 | BU074009



Suction Probe, oil suction device



Material: PVC

Diameter mm	Length mm	DU	Article no.
6,7	1000	1	BU074032 9971308002

for article number

BU074008 | BU074020 | BU074015 | BU074009



Suction Probe, oil suction device



Material: PVC Info: with compressed air plug nipple

Diameter mm	Length mm	DU	Article no.
9,8	1000	1	BU074034 990239

for article number

BU074008 | BU074009 | BU074020 | BU074015



Suction Probe, oil suction device



Material: PVC

Diameter mm	Length mm	DU	Article no.
9,8	1000	1	BU074017 9971308001

for article number

BU074008 | BU074020 | BU074015 | BU074009



Filling Adapter Set, transmission



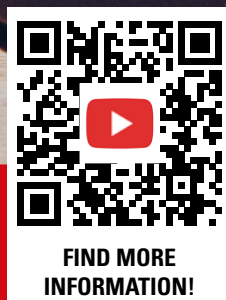
Number of Parts: 16
Number of adapters: 14
Transmission Type: for automatic transmission
Weight: 1,5 kg
Material: Chrome steel
Packaging: Plastic Case

			DU	Article no.
			1	BU074021 100754
Accessories	Container volume l	see	DU	
Pressure/Vacuum Pump	10,5	Page 144	1	BU074020
	18	Page 143	1	BU074015

for article number

BU074020 | BU074015





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VEHICLE DIAGNOSTICS AT OE LEVEL

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Dongle, self-diagnosis device
DoD 2.0
Article number: AU3990401



5

Compressed air tools & accessories

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Compressed air tools & accessories



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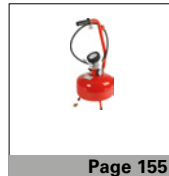
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AIRFIX

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5

Angle Grinder (compressed air)



This air angle grinder is suitable for cutting metal and plastic. Thanks to its small size, the device can also be used in hard-to-reach areas. The cut-off angle grinder has an adjustable spark guard. The speed can also be steplessly adjusted.

Scope of delivery:

- 1 x angle grinder
- 1 x cutting disc
- 1 x compressed-air connection coupling
- 1 x hex wrench
- 2 x assembly wrench
- 1 x instruction manual

Compressed-air Connection:

1/4 Zoll

Connectors/Reducers

(compressed-air technology):

Plug nipple

RPM r/min	Working pressure bar	Air Consumption l/min	Grinding Disc Ø mm	DU	Article no.
16500	5,5	260	50	1	BU052010 100857
Content				QU	
Cutting Disc, angle grinder				1	BU052011

Cutting Disc, angle grinder



The self-ventilating diamond cutting disc is suitable for metal and plastic.

Diameter:

50 mm

Bore Ø:

9,9 mm

Cutting width mm	DU	Article no.
1,8	1	BU052011 100858
for article number		
BU052010		



Grinding Tool, valve seat



The changing rotation of the attachment from right to left automatically grinds the valves.

Operating mode: pneumatic **Suited for engine type:** Petrol Engine
Diesel

	DU	Article no.
	1	BU052012 ZA-209

Compressed-air Tyre Pressure Gauge/ Inflator



- Robust design
- With highly flexible hose
- Pressure gauge with impact absorber
- Connection: Valve connector

Measuring range bar	Hose length mm	Manometer Ø mm	DU	Article no.
to 12	500	63	1	BU051003 100253
Content			QU	
Hose			1	BU051003001



5

Compressed Air Tyre Pressure Gauge/ Inflator



Portable tyre inflation station for checking, inflating and deflating, as well as a calibratable pressure gauge. The air is automatically filled into the supply tank through the Airfix connection, meaning the device is suitable for mobile use and can be carried to the tyre. The rigid

plug-in nipple makes it easy to correct the tyre pressure on car, HGV and motorcycle tyres. Pressing lightly on the lever lets the air out – pressing strongly fills air into the tyre. The tyre pressure can be read as soon as the lever is released.

Working pressure bar	Compressed-air Tank Capacity l	DU	Article no.
10,5	10	1	BU051001 100033
Accessories		see	DU
Connector, compressed air line AIRFIX		Page 156	1 BU054001



AIRFIX

Connector, compressed air line



**Air Connection
Thread:**

20.67 (1/2")

Material:

Metal

	DU	Article no.
	1	BU054001 99101001

Spray Gun, underseal



- Spray regulation via the nozzle
- Suitable for standard 1-litre cans

Working pressure bar	DU	Article no.
6 to 12	1	BU052003 100247

Spray Gun, suction feed/pressure feed cup

The corrosion-resistant spray gun is equipped with a PVC suction cup and a practical dosing device. A robust plastic nozzle is also included, ensuring reliable operation.

Operating mode: Manual (hand operated) **Mounting:** Stecknippel R 1/4"

Working pressure bar	Nozzle length mm	Fill quantity l	DU	Article no.
6 to 12	150	1,2	1	BU052006 100250

Sandblasting Gun

The sandblasting gun with PVC suction cup and dosing device is suitable for blasting material with a grain size of up to 2 mm.

Operating mode: Manual (hand operated) **Mounting:** Stecknippel R 1/4"

Working pressure bar	Fill quantity l	DU	Article no.
6 to 12	1,2	1	BU052007 100251



Wall Mounting, hose line



Universal hose holder for any hose or cable. Can be mounted on walls, machines, workbenches and shelves, for example. Gentle handling of hoses thanks to the circular cut-out

design, which prevents hoses and cables from kinking or cracking. The holders are cast from a single piece of aluminium.

Mounting bores:

3

Material:

Aluminium/Grey Cast Iron

WxHxD mm	Weight kg	DU	Article no.
188 x 138 x 70	0,27	1	BU053001 100371
260 x 190 x 107	0,64	1	BU053003 100376
338 x 250 x 136	1,38	1	BU053002 100372
415 x 306 x 190	2,20	1	BU053004 100378

Wall Mounting, hose line



Mounting bores:

2

Material:

Stainless Steel

WxHxD mm	Weight kg	DU	Article no.
255 x 235 x 185	0,9	1	BU053005

Hose Reel



The hose reel has a convenient automatic winding mechanism with a locking device. The hose stopper can be individually adjusted. The length of the inlet hose is 1.0 m.

Entry Thread Size: AG 1/2"
Thread Size Exit: AG 3/8"
Temperature range: -5 to +50 °C
suitable for: Water and compressed air

Housing Type: Synthetic Material
Housing with hose
Track roller type: Suitable for Wall
Mounting

Hose length m	Inner Ø of Hose mm	Operating Pressure bar	Swivel Range °	DU	Article no.
25	10	to 15	180	1	BU053006 100641



5



Hose Reel



The hose reel has a convenient automatic winding mechanism with a locking device. The hose stopper can be individually adjusted. The length of the inlet hose is 1.0 m.

Entry Thread Size:	AG 3/8"	Housing Type:	Synthetic Material
Thread Size Exit:	AG 1/4"		Housing
Temperature range:	-5 to +50 °C	Track roller type:	with hose
suitable for:	Water and compressed air	Mounting type:	Suitable for Wall Mounting

Hose length m	Inner Ø of Hose mm	Operating Pressure bar	Swivel Range °	DU	Article no.
15	8	to 15	180	1	BU053007 100274

Spiral Hose



Flexible spiral hose that can be kinked without causing consequential damage and remains flexible up to 50°. It also has a coupling and a plug nipple.

Material:	PU (Polyurethane)	Info:	with quick couplers
Chemical properties:	Oil resistant		

Working length m	Pressure bar	DU	Article no.
8	to 10	1	BU053008 100255



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ELECTRICS | SIGNAL DEVICES | SIGNAL UNITS | RELAYS | CONTROL UNITS | SWITCHES |
ACTUATORS+SENSORS | LOCKING SYSTEM | VOLTAGE TRANSFORMERS | INVERTER |
ALTERNATORS+STARTERS | WASHING WATER PUMP | IGNITION SYSTEM

ELECTRIC CABLE – FOR EVERY APPLICATION!

■ Wide product variety

Extensive range of electrical cables suitable for various applications in vehicles and trailers

■ Universal usability

Compatible with both standard and ADR/GGVS requirements for flexible deployment

■ Reliable quality

Designed to meet high standards for safe and durable electrical connections



6

Lifting Technology

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Lifting Technology



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Load Positioning Device, workshop crane

The load positioning device facilitates the precise installation and removal of components such as engine blocks and transmissions. Balancing is performed using a spindle adjustment or hand crank.

Material: Steel Pipe **Weight:** 6,5 kg

Load capacity kg	DU	Article no.
680	1	BU061001 100295



Supports



The support is suitable for mounting shock absorbers, transmissions, rear axles, trailer couplings and spring elements, for example. It enables lifting, pressing, straightening, sup-

porting, clamping, spreading, millimetre-precise extension or contraction, and infinitely variable extraction after the drive shaft has been disengaged.

Diameter: 40 mm
Height from: 1100 mm
Height to: 2000 mm

Material: Steel Pipe
Weight: 7,90 kg

Load capacity kg	DU	Article no.
500	1	BU062001 HW-02
Content	QU	
Clip-on Mount, axle stand	1	BU062001007
Trailer Jack, parking supports	1	BU062001003
Spring	1	BU062001004
Rivet	1	BU062001005
Fork	1	BU062001002
Drive Shaft Thrust Piece	1	BU062001001
Inner Tube, axle stand	1	BU062001006

Trolley, tensioning support



The trolley with integrated standpipe is a mobile workshop or shop equipment system where the mobile trolley also carries a work device (standpipe). This offers many advantages,

such as flexible use at different work locations and the ability to hold tools or workpieces securely. The standpipe enables it to be easily adjusted to different heights.

Material: Steel Pipe

Weight: 10,80 kg

	DU	Article no.
	1	BU063002 HWF-02

Wheel Alignment Support, vehicle lift



These stands enable precise wheel alignment work on 2-post vehicle lifts. Their design ensures that the wheels are aligned under real conditions – with the suspension compressed. This enables the wheels to be adjusted correctly, even in workshops where there is no space for a scissor lift.

- robust steel design for high stability and a long service life
- high load capacity for passenger cars and light commercial vehicles
- space-saving alternative to a scissor lift
- easy to use and quick to position

Material: Steel

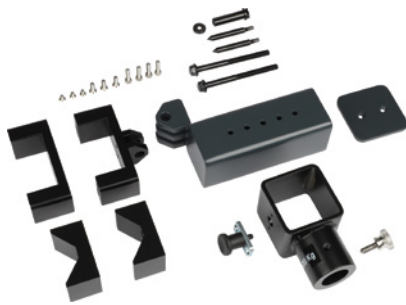


max. Load kg	Qty	DU	Article no.
800	4	1	BU062005





Support Device, transmission jack

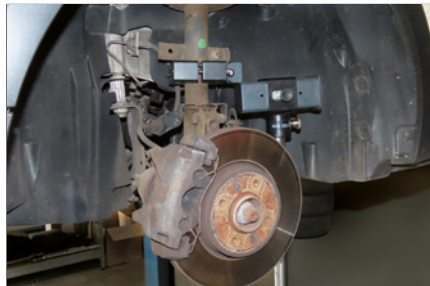


The support device facilitates the installation and removal of synchroniser joints, ball joints, track rods, control arms and suspension struts, and also assists in separating the wheel hub, lower links and ball joints. During work, it securely supports the suspension strut on the vehicle. It is suitable for 500 kg transmission jacks with 30 mm pistons and features POM (polyoxymethylene) clamp jaws and depth and tilt adjustment, making it ideal for modern ve-

hicles with double control arms. It can also be used on electric vehicles such as Tesla, Renault, Nissan, Hyundai and Kia without any problems. The device enables safe working, is easy and reliable to position and can be used on both the right and left sides. A 120° joint ensures optimum adaptation to the geometry of the respective suspension. Scope of delivery: 1 x suspension strut support complete with 2 standard prism jaws.

WxHxD: 250 x 300 x 90 mm
Weight: 4,9 kg
Material: POM (Polyoxymethylene)
Adjustable: can be adjusted five times

Transmission Jack Type: Telescopic



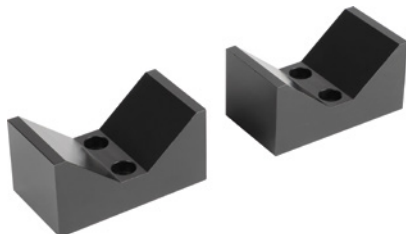
Support plate diameter mm	Nose load for max. payload kg	DU	Article no.
30	500	1	BU044010 100933
Content		QU	
Holder Tool, suspension strut		1	BU044011
Accessories		DU	
Holder Tool, suspension strut	Spring Diameter mm	see	
	22 to 44	Page 164	1 BU044013
	to 67	Page 164	1 BU044012



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Holder Tool, suspension strut

Suitable for: PC (passenger car)



Spring Diameter mm	DU	Article no.
45 to 67	1	BU044011 990373

Holder Tool, suspension strut

Suitable for: SUV
MPV Van



Spring Diameter mm	DU	Article no.
to 67	1	BU044012 990374

Holder Tool, suspension strut

Suitable for: PC (passenger car)



Spring Diameter mm	DU	Article no.
22 to 44	1	BU044013 990375



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LIGHTING DAYTIME RUNNING LAMPS | HEADLIGHTS | LIGHTS | REFLEX REFLECTORS |
ALARM EQUIPMENT | CONNECTOR SETS | SOCKETS | BULBS

HEADLIGHTS – RELIABLE ILLUMINATION FOR ROADS, FIELDS AND WORK AREAS

■ Optimal illumination

Powerful headlights provide even and far-reaching light distribution for safe orientation at night and in poor visibility conditions.

■ Increased safety

Improved visibility reduces risks in road traffic as well as during work, manoeuvring and emergency driving.

■ Versatile areas of application

Suitable for different vehicles and applications – from private use to transport, workshop and work applications.

■ Efficiency in operation

Good lighting conditions support concentrated work, shorten operating times and improve working conditions in the long term.

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7

Workshop Tools

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Workshop Tools



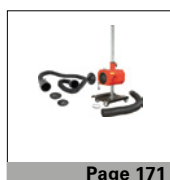
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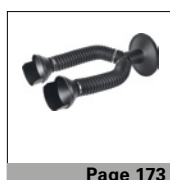
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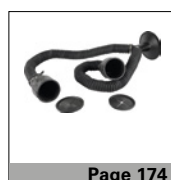
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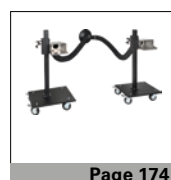
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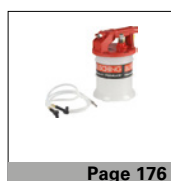
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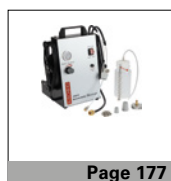
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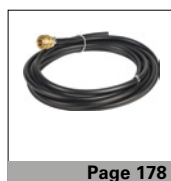
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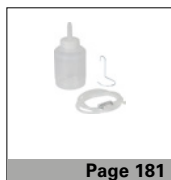
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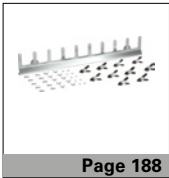
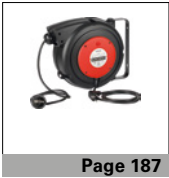


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Tornado Flex

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AU Exhaust Extraction Unit



Mobile, medium-power exhaust gas extractor. Extracts outgoing exhaust gas flows directly at the exhaust or in the working zone in order to reduce pollutants at the workplace.

Suitable for: PC (passenger car) Mains voltage (AC): 230 V
Cable length: 5,6 m Suction motor power: 0,55 kW

Suction performance cbm/h	Height adjustment mm	DU	Article no.
500	350 mm to 1200 mm	1	BU071000 100323
Content		QU	
Electric Motor		1	BU071000001



AU Exhaust Extraction Unit



Mobile, medium-power exhaust gas extractor. Extracts outgoing exhaust gas flows directly at the exhaust or in the working zone in order to reduce pollutants at the workplace.

Suitable for:	PC (passenger car)	Suction motor power:	0,55 kW
Hose length:	12 m	Material:	Steel
Cable length:	5,6 m		
Mains voltage (AC):	230 V		

Suction performance cbm/h	Hose Ø mm	Height adjustment mm		DU	Article no.	
500	121	350 mm to 1200 mm		1	BU071001 50001	
Content		Diameter mm	Hose Ø mm	QU		
AU Exhaust Extraction Unit				1	BU071000	
Exhaust Funnel, exhaust gas extraction		245		1	BU071010	
Exhaust Hose, exhaust gas extraction			121	1	BU071007	
Accessories		Diameter mm	Hose Ø mm	see	DU	
Exhaust Funnel, exhaust gas extraction			80	Page 174	1	BU071014
				Page 174	1	BU071013
		78		Page 173	1	BU071012
		160	80	Page 173	1	BU071011

AU Exhaust Extraction Unit



Mobile, medium-power exhaust gas extractor. Extracts outgoing exhaust gas flows directly at the exhaust or in the working zone in order to reduce pollutants at the workplace.

Suitable for:	PC (passenger car)	Suction motor power:	0,55 kW
Hose length:	12 m	Material:	Steel
Cable length:	5,6 m		
Mains voltage (AC):	230 V		

Suction performance cbm/h	Hose Ø mm	Height adjustment mm		DU	Article no.	
500	121	350 mm to 1200 mm		1	BU071002 50002	
Content		Diameter mm	Hose Ø mm	QU		
AU Exhaust Extraction Unit				1	BU071000	
Exhaust Funnel, exhaust gas extraction		78		1	BU071012	
Exhaust Hose, exhaust gas extraction			121	1	BU071007	
Accessories		Diameter mm	Hose Ø mm	see	DU	
Exhaust Funnel, exhaust gas extraction			80	Page 174	1	BU071013
				Page 174	1	BU071014
		160		Page 173	1	BU071011
		245		Page 173	1	BU071010



AU Exhaust Extraction Unit



Mobile, medium-power exhaust gas extractor. Extracts outgoing exhaust gas flows directly at the exhaust or in the working zone in order to reduce pollutants at the workplace.

Suitable for:	PC (passenger car)	Suction motor power:	0,55 kW
Suction hose length:	1500 mm	Material:	Steel
Hose length:	12 m		
Cable length:	5,6 m		
Mains voltage (AC):	230 V		

Suction performance cbm/h	Hose Ø 1/2/3 mm	Height adjustment mm		DU	Article no.	
500	80 / 121	350 mm to 1200 mm		1	BU071003 50003	
Content			Hose Ø mm	QU		
AU Exhaust Extraction Unit				1	BU071000	
Exhaust Funnel, exhaust gas extraction			80	1	BU071013	
Exhaust Hose, exhaust gas extraction			121	1	BU071007	
Accessories		Diameter mm	Hose Ø mm	see	DU	
Exhaust Funnel, exhaust gas extraction			80	Page 174	1	BU071014
		78		Page 173	1	BU071012
		160	80	Page 173	1	BU071011
		245		Page 173	1	BU071010

AU Exhaust Extraction Unit



Mobile, medium-power exhaust gas extractor for motorcycles. Extracts outgoing exhaust gas flows directly at the exhaust or in the working zone in order to reduce pollutants at the

workplace. Thanks to the double-ended exhaust funnel, it is particularly suitable for motorcycles.

Suitable for:	Motorcycle	Suction motor power:	0,55 kW
Suction hose length:	430 mm	Material:	Steel
Hose length:	12 m		
Cable length:	5,6 m		
Mains voltage (AC):	230 V		

Suction performance cbm/h	Hose Ø 1/2/3 mm	Height adjustment mm		DU	Article no.
500	80 / 121	350 mm to 1200 mm		1	BU071004 50004
Content		Diameter mm	Hose Ø mm	QU	
AU Exhaust Extraction Unit				1	BU071000
Exhaust Funnel, exhaust gas extraction		160	80	1	BU071011
Exhaust Hose, exhaust gas extraction			121	1	BU071007
Accessories		Diameter mm	Hose Ø mm	see	DU
Exhaust Funnel, exhaust gas extraction			80	Page 174	1
				Page 174	1
		78		Page 173	1
		245		Page 173	1





AU Exhaust Extraction Unit



Mobile, medium-power exhaust gas extractor. Extracts outgoing exhaust gas flows directly at the exhaust or in the working zone in order to reduce pollutants at the workplace.

Suitable for:	PC (passenger car)	Suction motor power:	0,55 kW
Suction hose length:	2500 mm	Material:	Steel
Hose length:	12 m		
Cable length:	5,6 m		
Mains voltage (AC):	230 V		

Suction performance cbm/h	Hose Ø 1/2/3 mm	Height adjustment mm		DU	Article no.	
500	121 / 80	250 mm to 900 mm		1	BU071005 50068	
Content			Hose Ø mm	QU		
AU Exhaust Extraction Unit				1	BU071000	
Exhaust Funnel, exhaust gas extraction			80	1	BU071014	
Exhaust Hose, exhaust gas extraction			121	1	BU071007	
Accessories		Diameter mm	Hose Ø mm	see	DU	
Exhaust Funnel, exhaust gas extraction			80	Page 174	1	BU071013
		78		Page 173	1	BU071012
		160	80	Page 173	1	BU071011
		245		Page 173	1	BU071010

AU Exhaust Extraction Unit



High-performance mobile exhaust gas extractor. Extracts outgoing exhaust gas flows directly at the exhaust or in the working zone in order to reduce pollutants at the workplace.

Suitable for:	CV (commercial vehicles)	Mains voltage (AC):	230 V
Hose length:	12 m	Suction motor power:	1,1 kW
Cable length:	5,6 m		

Suction performance cbm/h	Hose Ø mm	Height adjustment mm	DU	Article no.
1100	178	150 mm to 1300 mm	1	BU071006 MB-292L
Content			Hose Ø mm	QU
Exhaust Funnel, exhaust gas extraction			1	BU071015
Exhaust Hose, exhaust gas extraction			178	1

Exhaust Hose, exhaust gas extraction

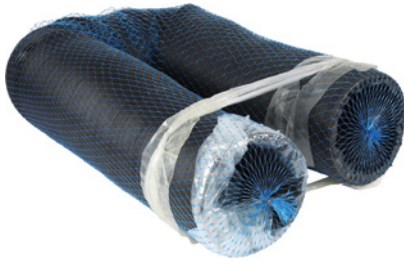


The exhaust air hose is a lightweight and highly flexible spiral hose. It is used for the extraction of air, vapours and gases in climate control and ventilation technology and air conditioning in vehicle construction.

Suitable for:	PC (passenger car)	Chemical properties:	Chemical Resistant
Hose length:	12 m	Material:	TPE (thermoplastic elastomer)
Operating temperature:	-40 °C to +135 °C		

Hose Ø mm	DU	Article no.
121	1	BU071007 100921

Exhaust Hose, exhaust gas extraction



The exhaust air hose is a lightweight and highly flexible spiral hose. It is used for the extraction of air, vapours and gases in climate control and ventilation technology and air conditioning in vehicle construction.

Suitable for: CV (commercial vehicles)
Hose length: 12 m
Operating temperature: -40 °C to +135 °C
Chemical properties: Chemical Resistant
Material: TPE (thermoplastic elastomer)

Hose Ø mm	DU	Article no.
178	1	BU071008 100922

Exhaust Funnel, exhaust gas extraction



Type: Round suction opening
Suitable for: PC (passenger car)
Material: Steel

	DU	Article no.
	1	BU071010 990170
Accessories	see	DU
AU Exhaust Extraction Unit	Page 170	1 BU071001
	Page 171	1 BU071003
	Page 171	1 BU071004
	Page 170	1 BU071002

Exhaust Funnel, exhaust gas extraction



Particularly suitable for exhaust gas extractors on motorcycles.

Type: Round suction opening
Suitable for: Motorcycle
Material: Steel

Hose Ø mm	DU	Article no.
80	1	BU071011 990172
Accessories	see	DU
AU Exhaust Extraction Unit	Page 170	1 BU071001
	Page 171	1 BU071003
	Page 171	1 BU071004
	Page 170	1 BU071002

Exhaust Funnel, exhaust gas extraction



Type: Round suction opening
Suitable for: PC (passenger car)
Material: Steel

	DU	Article no.
	1	BU071012 990173
Accessories	see	DU
AU Exhaust Extraction Unit	Page 170	1 BU071001
	Page 171	1 BU071003
	Page 171	1 BU071004
	Page 170	1 BU071002





**Exhaust Funnel,
exhaust gas extraction**



The exhaust funnel is an accessory for the exhaust gas extractor. It bundles exhaust gas flows and directs them to an exhaust pipe. Made of heat-resistant material, it has a funnel-shaped opening and connection pieces.

Type: Round suction opening
Suitable for: PC (passenger car) Material: Steel

Hose Ø mm	Hose length m	DU	Article no.
80	1,5	1	BU071013 990174
Accessories		see	DU
AU Exhaust Extraction Unit		Page 170	1 BU071001
		Page 171	1 BU071003
		Page 171	1 BU071004
		Page 170	1 BU071002

**Exhaust Funnel,
exhaust gas extraction**



Suitable for: PC (passenger car) Weight: 27 kg
Material: Steel

Hose Ø mm	Hose length m	DU	Article no.
80	2,5	1	BU071014 100756
Accessories		see	DU
AU Exhaust Extraction Unit		Page 170	1 BU071001
		Page 171	1 BU071003
		Page 171	1 BU071004
		Page 170	1 BU071002



**Exhaust Funnel,
exhaust gas extraction**



Type: Round suction opening
Suitable for: CV (commercial vehicles) Material: Steel

	DU	Article no.
	1	BU071015 990171



7

Testing Unit, brake fluid



Operating voltage: 1,5 V
Inspection Tag: CE
Housing Type: Synthetic Material Housing
Required battery: AAA (Micro)
Gauge: Included in the delivery with LED display

DOT specification	DU	Article no.
DOT 3 DOT 4 DOT 5.1	1	BU037003 100686

Testing Unit, brake fluid



This brake fluid tester checks the condition of the brake fluid using the boiling point measurement method. The tester is connected directly to the vehicle battery with pole terminals.

- Test duration: approx. 15-25 seconds
- with work light on the device
- Option to connect K-type thermocouple for temperature measurement
- incl. dosing syringe and sample beaker

Operating voltage: 12 V
Gauge: with illuminated LCD display
Connector: with alligator clamp

Measuring range °C	DOT specification	DU	Article no.
0 to 320	DOT 3 DOT 4 DOT 5.1	1	BU037004 100781





 YouTube

[herthundbuss.com/channel](https://www.youtube.com/channel/UC...)



Filling/Bleeding Unit, brake hydraulics

Kit designed for cars, for replacing the brake fluid / bleeding the brake hydraulics (suitable for ABS).



Filling hose length:
Coupling type:

1,55 m
Quick Coupling

Operating mode:

Pneumatic-hydraulic

Container volume l	Height cm	DU	Article no.
2	27	1	BU072001 50007
Content		QU	
Silencer, compressed air system		1	BU074030002
Vacuum Pump		1	BU074030
Accessory Kit, pressure/vacuum pump		1	BU074010
Connection Piece, hose line		1	BU074030001
Bleed Nipple, collection container (brake system bleeding)		1	BU074025
Accessories		see DU	
Hose		1	BU072001001

Filling/Bleeding Unit, brake hydraulics

Kit designed specifically for motorcycles, for replacing the brake fluid / bleeding the brake hydraulics. Thanks to the Y-hose with 2 connections, it is also suitable for vehicles with an ABS system.



Number of
connectors:

2

Coupling type:
Operating mode:

Quick Coupling
Pneumatic-hydraulic

Filling hose length:

1,35 m

Container volume l	Height cm	DU	Article no.
2	27	1	BU072002 50008
Content		QU	
Vacuum Pump		1	BU074030
Adapter, bleeding hose (brake system bleeding)		1	BU074011
Bleed Nipple, collection container (brake system bleeding)		1	BU074025
Silencer, compressed air system		1	BU074030002
Connection Piece, hose line		1	BU074030001

Bleed Nipple, collection container (brake system bleeding)

Material:

Rubber/Metal



	Colour	DU	Article no.
	●	1	BU074025 990180900
for article number			
BU072001 BU072002 Rubber/Metal			



Connection Piece, hose line



	DU	Article no.
	1	BU072012 990293
for article number		
BU074030		

Filling/Bleeding Unit, brake hydraulics



The brake bleeder works directly from original containers up to 10 litres and is designed for standard and ABS brake systems. The hydraulic pump extracts the brake fluid neatly and without foaming, and no pressure is built up when the container is empty. After it is switched off, the pressure drops automatically, allowing the adapter to be removed safely. The device can be operated by one person, supports low-pressure testing and flushes gas, air and corrosion particles out of the system thanks to optimised flow rates. There is an in-

tegrated holder for adapters and rubber cones. The WIKA pressure gauge with stainless steel case and glycerine filling offers a high degree of reading accuracy, and the precision pressure regulator enables exact adjustment of the filling pressure. The patented MaBu design means that the system can be expanded on a modular basis. It is operated exclusively with brake fluid. Scope of delivery: 1 x Euroadapter E20 made of aluminium 1 x collection bottle 3 x sealing cones for different container sizes

Mains voltage (AC): 230 V
WxHxD: 325 x 400 x 195 mm
Filling hose length: 3,5 m
Weight: 3,7 kg

Housing material: Aluminium
Housing Surface: Powder coated
Info: with quick couplers



Working pressure bar	to container size l	DU	Article no.
0 to 3	10	1	BU072003 100572
Content		Version	QU
Adapter, bleeding hose (brake system bleeding) (universal EU)		E20	1
Brake Fluid Collecting Container			1
Hose			1
Sealing-/Protection Plugs			1
Accessories		Version	see
Adapter, bleeding hose (brake system bleeding) (Nissan Subaru Kia Hyundai Chrysler Ford Peugeot Opel Chevrolet Tesla)		E20 B34/35 V40 B34/35 B36	Page 180
			1

Filling/Bleeding Unit, brake hydraulics



The brake bleeding device is designed for intensive workshop use and works with brake fluid taken directly from the container, which prevents foaming. It supports various container sizes and can be operated by one person. A pulsating fluid flow facilitates the flushing out of air and corrosion particles. The precision pressure regulator allows for continuous pressure adjustment. No pressure is

automatically built up when the container is empty and the pressure is automatically reduced after it is switched off. A quality pressure gauge in a stainless steel housing ensures precise measured values. The device is suitable for low-pressure tests and has integrated holders for hoses, electrical cables and accessories.

Mains voltage (AC): 230 V
Filling hose length: 3,5 m
Weight: 15 kg

Housing material: Aluminium
Housing Surface: Powder coated
Info: with quick couplers

Working pressure bar	to container size l	DU	Article no.
0 to 3	30	1	BU072004 100594
Content		Version	QU
Adapter, bleeding hose (brake system bleeding) (universal EU)		E20	1
Brake Fluid Collecting Container			1
Sealing-/Protection Plugs			1
Accessories		Version	see
Adapter, bleeding hose (brake system bleeding) (Nissan Subaru Kia Hyundai Chrysler Ford Peugeot Opel Chevrolet Tesla)		E20 B34/35 V40 B34/35 B36	Page 180
			1



Filling/Bleeding Unit, brake hydraulics



The brake bleeder is suitable for brake and clutch systems and uses a hydraulic pump to extract the hydraulic fluid neatly and without foaming directly from the container. No pressure is built up when the container is empty, and after it is switched off, the pressure drops automatically so that the adapter can be safely removed from the expansion tank. The device can be operated by one person, supports low-pressure testing and flushes gas, air and corrosion particles out of the system

thanks to optimised flow rates. There is an integrated holding device for adapters and rubber cones. The high-quality WIKA pressure gauge delivers precise readings, while the precision pressure regulator enables exact adjustment of the filling pressure. The MaBu design allows the system to be expanded flexibly. It is operated exclusively with hydraulic oil. Scope of delivery: 1 x Euroadapter E20M made of aluminium 1 x collection bottle 3 x sealing cones for different container sizes

Mains voltage (AC): 230 V
WxHxD: 325 x 400 x 195 mm
Filling hose length: 3,5 m
Weight: 3,7 kg

Housing material: Aluminium
Housing Surface: Powder coated
Info: with quick couplers

Working pressure bar	to container size	DU	Article no.
0 to 3	10	1	BU072005100677
Content		QU	
Hose		1	BU072005001
Brake Fluid Collecting Container		1	BU072011
Sealing-/Protection Plugs		1	BU072015
Accessories	Version	see	DU
Adapter, bleeding hose (brake system bleeding) (Nissan Subaru Kia Hyundai Chrysler Ford Peugeot Opel Chevrolet Tesla)	E20 B34/35 V40 B34/35 B36	Page 180	1
			BU172003



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Sealing-/Protection Plugs

Sealing cone set for brake fluid containers.
 Cone pitch: 19 – 24, 26 – 35 and 34 – 41mm



	DU	Article no.
	1	BU072015990303

Hose



Hose length m	Outer Ø mm	Inner Ø mm	DU	Article no.
4	11	6	1	BU072009990208
for article number				BU072003



Hose



Material: Silicone

Inner Ø mm	Wall Thickness mm	DU	Article no.
5	1,5	1	BU072010 990222

Brake Fluid Collecting Container



Capacity l	DU	Article no.
1	1	BU072011 990199

Reservoir, brake fluid filling



The neck of this refill bottle can be pulled out and moved to all sides at an angle, making it easier to attach to the brake fluid reservoir.

Material: Plastic

Contents ml	DU	Article no.
750	1	BU072013 990189





Adapter, bleeding hose (brake system bleeding)


Restriction:

Nissan
Subaru
Kia
Hyundai
Chrysler
Ford
Peugeot
Opel
Chevrolet
Tesla

Version:

E20
B34/35 V40
B34/35
B36
Aluminium

Material:

Number of adapters	DU	Article no.
4	1	BU172003 100904
Content	QU	
Adapter, bleeding hose (brake system bleeding) (universal EU)	1	BU172010
Adapter, bleeding hose (brake system bleeding) (Tesla Chrysler Ford Nissan Subaru Hyundai Kia Peugeot Citroen Mitsubishi)	1	BU172012
Adapter, bleeding hose (brake system bleeding) (Tesla Chrysler Ford Nissan Renault Subaru Hyundai Kia)	1	BU172022
Adapter, bleeding hose (brake system bleeding) (Opel Tesla Chevrolet)	1	BU172018
Toolbox	1	BU075038

Adapter, bleeding hose (brake system bleeding)


Restriction:
Version:

universal EU
E20

Mounting:
Material:

Screw Connection
Aluminium

	DU	Article no.
	1	BU172010 100457

Adapter, bleeding hose (brake system bleeding)


Restriction:

Tesla
Chrysler
Ford
Nissan
Subaru
Hyundai
Kia
Peugeot
Citroen
Mitsubishi

Version:
Mounting:
Material:

B34/35 V40
Bayonet
Aluminium

	DU	Article no.
	1	BU172012

Adapter, bleeding hose (brake system bleeding)


Restriction:

Chrysler
Ford
Nissan
Mazda
Opel
SsangYong

Version:
Mounting:
Material:

BJ33
Bayonet
Aluminium

	DU	Article no.
	1	BU172015 100534

Adapter, bleeding hose (brake system bleeding)



Restriction:

 Opel
Tesla
Chevrolet

Version:
Mounting:
Material:

 B36
Bayonet
Aluminium

	DU	Article no.
	1	BU172018

Adapter, bleeding hose (brake system bleeding)



Restriction:

 Tesla
Chrysler
Ford
Nissan
Renault
Subaru
Hyundai
Kia

Version:
Mounting:
Material:

 B34/35
Bayonet
Aluminium

	DU	Article no.
	1	BU172022

Adapter, bleeding hose (brake system bleeding)



Restriction:

 Mustang
Wrangler
Pontiac
Hummer

Version:
Material:

 P2
Aluminium

Hose length mm	DU	Article no.
310	1	BU172040 100737

Brake Fluid Collecting Container


Material:
Housing material:

 Silicone
Plastic
Info:
 with one anti-return valve
with hook

Container volume l	Hose length m	DU	Article no.
1	1,2	1	BU074022 100848





Filling/Bleeding Unit, brake hydraulics

Valve type: with Pressure Relief Valve

Info: with quick couplers



Working pressure bar	Measuring range bar	Container volume l	DU	Article no.
to 1,4	0 to 2	3	1	BU072008 100656
Content			QU	
Hose			1	BU072008001
Adapter, bleeding hose (brake system bleeding)			1	BU072008002
Bleed Nipple, collection container (brake system bleeding)			1	BU074025

Adapter, bleeding hose
(brake system bleeding)



Restriction: Universal
Version: E20
Mounting: Screw Connection
Material: Aluminium

	DU	Article no.
	1	BU172043 990305
for article number BU072008		

Hose



Info: with quick couplers

Hose length m	DU	Article no.
1,08	1	BU072008001 990304
for article number BU072008		

Oil Can



- Funnel-shaped outlet with flexible outlet pipe and protective cover
- German, English, and American scale divisions

resistant to: Petrol
Diesel
Oil

Material: HDPE (high-density polyethylene)

Temperature range °C	Fill quantity l	DU	Article no.
-10 to 110	2	1	BU073006 100506
	5	1	BU073008 100508

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: Aluminium

LxW: 372 x 170 mm

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

Barrel Funnel



- for disposing of waste oil or chemicals
- suitable for 60-litre or 200-litre oil drums

Diameter: 250 mm

Height: 265 mm

External thread size: G2

Material: PE (Polyethylene)

Lockable: Lockable

Info: with cover

Capacity l	DU	Article no.
3,2	1	BU073024 100157





Funnel



LxW:

330 x 19 mm

Collection funnel Ø:

160 mm

	DU	Article no.
	1	BU073025 100152

Filling Device, diesel fuel filter



This universal bleeding kit for diesel fuel systems with open ends enables fast and clean bleeding of diesel fuel systems after replacing the fuel filter.

Height:

270 mm

Operating mode:

Pneumatic-hydraulic

Hose length mm	Hose Ø 1/2/3 mm	Container volume l	DU	Article no.
600	4 / 6 / Quick Coupling	2	1	BU074001 50009
Content			QU	
Vacuum Pump			1	BU074030
Filler Hose, fill/extraction pump			1	BU074012
Silencer, compressed air system			1	BU074030002
Connection Piece, hose line			1	BU074030001
Accessories		see	DU	
Accessory Kit, pressure/vacuum pump		Page 149	1	BU074014
Filler Hose, fill/extraction pump		Page 149	1	BU074013
Accessory Kit, pressure/vacuum pump		Page 148	1	BU074010
Adapter, bleeding hose (brake system bleeding)		Page 148	1	BU074011

Filling Device, transmission oil



Operating mode:

pneumatic
Manual (hand operated)
242 x 610 x 285 mm

contained variants:
Info:

10
with adapter

WxHxD:

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

Barrel Pump



- Self-priming
- Suitable for 60, 200, and 220-litre drums
- With telescopic tube and R2" thread
- Approved for all types of oil up to SAE 90
- Not suitable for fuels

External thread size: R2" Operating mode: Manual (hand operated)

Flow rate l/min	Flow quantity per stroke l	DU	Article no.
18	0,45	1	BU074007 100280

Fill-/Extraction Pump, universal



Universal hand pump for suctioning and re-filling fuels, oils and other liquids.

Scope of delivery:

- 1 x hand pump
- 1 x PVC hose Ø 9.8 mm
- 1 x silicone hose Ø 11.0 mm
- 1 x drip plug

Operating mode: Manual (hand operated) Housing material: Plastic

Hose length mm	Contents ml	DU	Article no.
300	350	1	BU074016 100654



Fill-/Extraction Pump, universal



The pump is ideal for extracting small amounts of liquid. Thanks to its precise dosing system, the amount discharged can be adjusted exactly. The pump can be completely dismantled for easy cleaning, and the seals can be easily replaced if necessary.

Operating mode: Manual (hand operated) Material: PVC Housing material: Plastic

Hose length mm	Contents ml	DU	Article no.
200	10	1	BU074023 990314

Fill-/Extraction Pump, universal



The pump is ideal for extracting small amounts of liquid. Thanks to its precise dosing system, the amount discharged can be adjusted exactly. The pump can be completely dismantled for easy cleaning, and the seals can be easily replaced if necessary.

Operating mode: Manual (hand operated) Material: PVC Housing material: Plastic

Hose length mm	Contents ml	DU	Article no.
200	100	1	BU074024 990317



7



Vehicle Washing Brush



Shaft length:
Setting width:

500 mm
210 mm

Material:

Rubber
Metal
Foam
Wood

Shaft material:

	DU	Article no.
	1	BU075006 100413

Filling Station Glove Dispenser



Mounting:
WxHxD:

Suitable for Wall Mounting
229 x 185 x 21 mm

Material:
RAL Number:

Aluminium
9006

	Colour	DU	Article no.
	○	1	BU075020 100321
Accessories	see	DU	
Disposable Gloves	Page 186	10	BU075022

Disposable Gloves



The disposable gloves made of HDPE (0.015 mm) are latex-free, non-sterile, moisture-repellent and can be worn on either hand. Each dispenser box contains 120 gloves, and there are 10 boxes in a carton (1,200 gloves).

As an option, the boxes can be used in glove dispensers. Suitable for contact with food and for tasks such as refuelling and oil checks, in order to prevent odours. Hammered surface, reinforced weld seams.

WxHxD:
Weight:

23,0 x 14,4 x 17,9 cm
1,216 kg

Material:

Latex-free
HDPE (high-density polyethylene)

	Colour	Qty	DU	Article no.
	○	1200	10	BU075022 100738
Accessories	see	DU		
Filling Station Glove Dispenser	Page 186	1		BU075020

Workshop Stool



The assembly stool features a magnetic tray and is an excellent aid for working in a back-friendly position.

LxW: 410 x 410 mm **Height to:** 540 mm
Height from: 400 mm **Weight:** 4,7 kg

Seat height mm	Load capacity kg	DU	Article no.
540	150	1	BU075031 100940
Content		QU	
Gas Spring		1	BU075031001
Roller, workshop stool		1	BU075031002



Work Platform



The foldable work platform in accordance with EN 131 offers a secure footing thanks to its anti-slip coating on the work surface, profiled chequer plate on the step and stabilised feet. It

can be accessed from both sides, is universally applicable on tall vehicles such as vans, off-road vehicles and transporters, and can be stowed away compactly.

Load capacity: 150 kg **Material:** Aluminium
Foldable/Hinged: Foldable

Platform width mm	Platform length mm	Platform height m	Weight kg	DU	Article no.
300	870	0,46	8,50	1	BU075033 100778
	1250	0,68	11,50	1	BU075032 100779



Cable Roller



Spring-operated cable reel with swivelling wall mount. The lock function (can be deactivated) allows you to choose between continuous tension or increments (every 50 cm).

Plug type: Protected contact plug **Housing material:** High-Strength Plastic

Cable length m	Mains cable length m	Cable Cross Section mm²	DU	Article no.
14	1	1,5	1	BU075034 100456



Magnet Holder



This mounting rail with ten holder pliers is ideal for painting and drying parking sensors, suitable for all sensor types. With the two neodymium flat gripper magnets on the rear, the mounting rail can be easily and flexibly attached to all magnetic materials such as steel perforated panels, painting lines or paint stands. The holder pliers guarantee quick working when painting parking sensors or other

small parts. Scope of delivery:

- 1 x mounting rail
- 2 x flat gripper magnet with threaded pin
- 2 x lock nuts
- 10 x holder pliers
- 10 x countersunk head screws
- 10 x lock washers
- 10 x wing nuts

Info: with magnet
with staples

	DU	Article no.
	1	BU075035 100763

Toolbox



Material: Plastic
Foam WxHxD: 260 x 76 x 210 mm
Weight: 300 g

	Colour	DU	Article no.
	●	1	BU075038 990220



AirPure

Spray Gun, air conditioning cleaner/-disinfectant



With AirPure, we are expanding our portfolio of products for air-conditioning maintenance. In addition to leak detection, AirPure allows us to offer the option of disinfecting the vehicle and its A/C system without a great deal of effort and without harming the environment. AirPure is suitable for all vehicle types, cars, vans, HGVs, mobile homes etc.

Hose length: 2,5 m
Weight: 600 g
Info: with hose with handle

Container volume l	Working pressure bar	Air Consumption l/min	DU	Article no.
1	3	200	1	BU075061
Accessories		see	DU	
Air Conditioning Cleaner/-Disinfecter AirPure		Page 189	1	BU075060

AirPure

Air Conditioning Cleaner/-Disinfecter



AirPure is a powerful oxidising agent made from water and sodium chloride. The agent is used to disinfect vehicle air-conditioning systems or the vehicles themselves with the help of the special AirPure cold nebulisers. It reliably eliminates germs, viruses and bacteria. The disinfection process using AirPure is based on minerals.

Material: Plastic

Operating temperature °C	Ambient temperature °C	Contents ml	DU	Article no.
20 to 25	5 to 25	1000	1	BU075060
for article number				
BU075061				



8

Rubber pads & accessories

Access Extension, lift	195 - 211
Access Ramp	192
Access Ramp, vehicle lift	192 - 193
Attachment, lift	202 - 209
Support Plate, mobile jack	202



Access Ramp



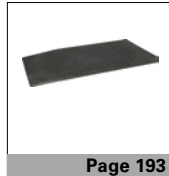
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Access Ramp



Thanks to its highly compressed, slip-resistant surface, there is no risk of slipping when a vehicle drives onto it. Does not require any additional floor fastenings and is suitable for both cars and lorries.

Material: Rubber **Info:** with handle

LxWxH mm	Weight kg	DU	Article no.
500 x 500 x 50	9,10	1	BU082001 100946



YouTube

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Access Ramp, vehicle lift

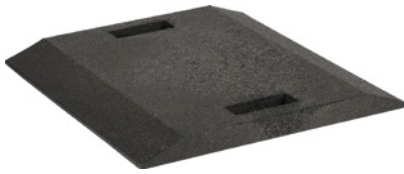


Thanks to its highly compressed, slip-resistant surface, there is no risk of slipping when a vehicle drives onto it. Does not require any additional floor fastenings and is suitable for both cars and lorries.

Material: Rubber

LxWxH mm	Weight kg	DU	Article no.
1000 x 500 x 30	13,60	1	BU082002 100821

Access Ramp, vehicle lift



Thanks to its highly compressed, slip-resistant surface, there is no risk of slipping when a vehicle drives onto it. Does not require any additional floor fastenings and is suitable for both cars and lorries.

Material: Rubber **Info:** with handle

LxWxH mm	Weight kg	DU	Article no.
500 x 500 x 40	9,10	1	BU082003 100883



 **YouTube**

[herthundbuss.com/channel](https://www.herthundbuss.com/channel)

Access Ramp, vehicle lift



Thanks to its highly compressed, slip-resistant surface, there is no risk of slipping when a vehicle drives onto it. Does not require any additional floor fastenings and is suitable for both cars and lorries.

Material: Rubber

LxWxH mm	Weight kg	DU	Article no.
1000 x 500 x 40	16,90	1	BU082004 100820

Access Ramp, vehicle lift



Thanks to its highly compressed, slip-resistant surface, there is no risk of slipping when a vehicle drives onto it. Does not require any additional floor fastenings and is suitable for both cars and lorries.

Material: Rubber **Info:** with handle

LxWxH mm	Weight kg	DU	Article no.
1000 x 480 x 50	23,20	1	BU082005 100894



 **YouTube**

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Access Extension, lift



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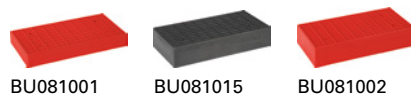
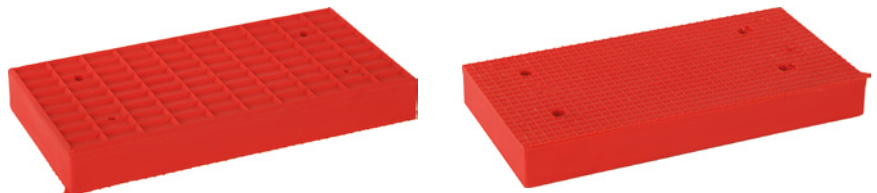


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Access Extension, lift

Fit: Universal
Shape: dimensionally stable
Base body: Wood
material: PU (Polyurethane) coated
Surface: Oil
resistant to:



Weight kg	LxWxH mm	Colour	DU	Article no.
0,4	195 x 98 x 25		1	BU081001 100872
0,5	200 x 100 x 40		1	BU081015 100129
	205 x 100 x 40		1	BU081002 100873





Access Extension, lift

Fit: Universal
Shape: dimensionally stable
Base body material: Wood
Surface: PU (Polyurethane) coated
resistant to: Oil



BU081003



BU081016



LxWxH mm	Weight kg	Colour	DU	Article no.
200 x 100 x 70	0,9		1	BU081003 100874
			1	BU081016 100350

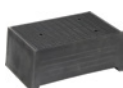


Access Extension, lift

Fit: Universal
Shape: dimensionally stable
Base body material: Wood
Surface: PU (Polyurethane) coated
resistant to: Oil



BU081004



BU081018



BU081005



BU081019



Weight kg	LxWxH mm	Colour	DU	Article no.
1,7	230 x 140 x 100		1	BU081004 100875
	230 x 145 x 100		1	BU081018 100355
2,2	230 x 140 x 135		1	BU081005 100876
	230 x 145 x 135		1	BU081019 100356

Access Extension, lift

Restriction: Autopstenhoj
Becker
Material: Universal
NBR (nitrile butadiene rubber)



BU081006



BU081007



BU081009



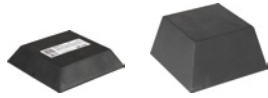
LxWxH mm	DU	Article no.
150 x 150 x 50	1	BU081006 100381
150 x 150 x 60	1	BU081007 100608
150 x 150 x 70	1	BU081009 100380

Access Extension, lift

Restriction:

Autopstenhoj
Ravagliolo
BMW
Rubber

Material:



BU081011

BU081008



LxWxH mm	Weight kg	DU	Article no.
135 x 100 x 30	0,62	1	BU081011 100898
135 x 100 x 70	1,65	1	BU081008 100899

Access Extension, lift

Restriction:

Slift
IME
Universal
NBR (nitrile butadiene
rubber)

Material:



LxWxH mm	DU	Article no.
120 x 120 x 80	1	BU081010 100385

Access Extension, lift

Restriction:

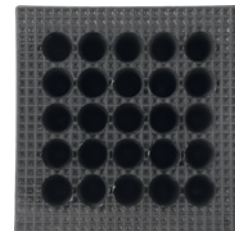
Universal
Autopstenhoj
Becker
Rubber

Material:



BU081012

BU081013



LxWxH mm	DU	Article no.
150 x 150 x 100	1	BU081012 100579
150 x 150 x 140	1	BU081013 100818

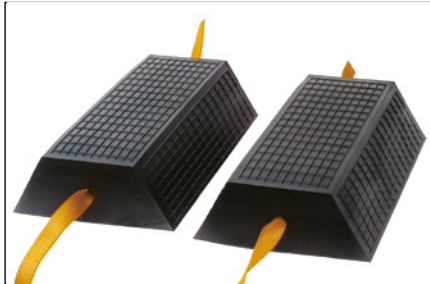




Access Extension, lift

This set consists of two rubber blocks connected by a nylon strap. The supports can be driven over by the vehicle and can therefore remain on the lifting platform.

Restriction: Universal
Material: NBR (nitrile butadiene rubber)



LxWxH mm	DU	Article no.
300 x 170 x 65	1	BU081017 100354

Access Extension, lift

Restriction: Universal
Autopstenhoj
Becker
Material: NBR (nitrile butadiene rubber)



BU081020

BU081022

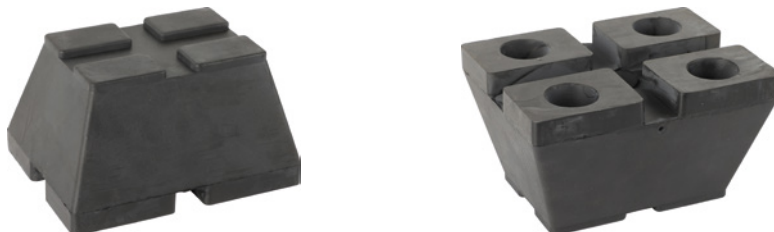


LxWxH mm	DU	Article no.
160 x 120 x 20	1	BU081020 100694
220 x 140 x 50	1	BU081022 100382

Access Extension, lift

■ suitable for scissor and ram lifts with flat beam

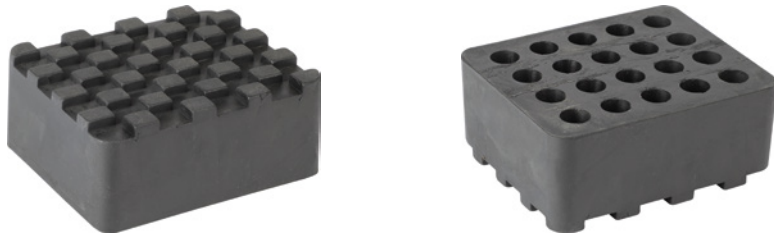
Restriction: Universal
Material: Rubber



LxWxH mm	Weight kg	DU	Article no.
160 x 120 x 90	1,48	1	BU081021 100862

Access Extension, lift

Restriction: Maha
Universal
Material: NBR (nitrile butadiene rubber)



LxWxH mm	DU	Article no.
120 x 100 x 50	1	BU081023 100504

Access Extension, lift

Restriction: Universal
Material: PE (Polyethylene)



BU081027 BU081024



LxWxH mm	DU	Article no.
340 x 135 x 50	1	BU081027 100379
340 x 150 x 100	1	BU081024 100383

Access Extension, lift

Restriction: Autopstenhoj
Krömer
RP Tools
Twin Busch
Ravaglioli
Material: Rubber
Info: with handle



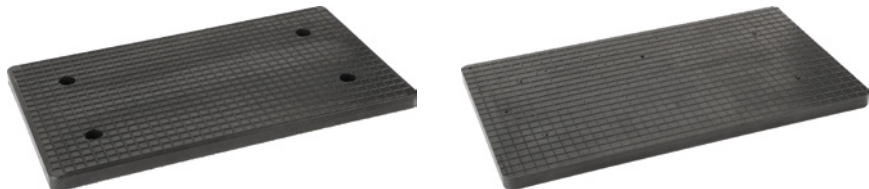
BU081031 BU081030



LxWxH mm	Weight kg	DU	Article no.
160 x 120 x 40	0,9	1	BU081031 100971
160 x 120 x 80	1,63	1	BU081030 100970

Access Extension, lift

Restriction: Universal



LxWxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
360 x 200 x 15	4	275	1	BU083001 100348





Access Extension, lift

Restriction: Slift
IME
Universal
Material: NBR (nitrile butadiene rubber)



LxWxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
400 x 350 x 12	4	351	1	BU083003 100386

Access Extension, lift

Restriction: Universal
Material: NBR (nitrile butadiene rubber)



LxWxH mm	DU	Article no.
120 x 120 x 25	1	BU084003 100384

Access Extension, lift

Restriction: Universal
Material: NBR (nitrile butadiene rubber)



LxWxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
150 x 100 x 15	2	100	1	BU084004 100349

Access Extension, lift

Restriction: Fiat 600
Fisker: Ocean
Tesla Model 3
Tesla Model Y
Universal
Vehicle equipment: for vehicles with electric motor
for vehicles with hybrid drive
Material: Rubber



LxWxH mm	Weight kg	DU	Article no.
120 x 120 x 60	0,60	1	BU181001 100950

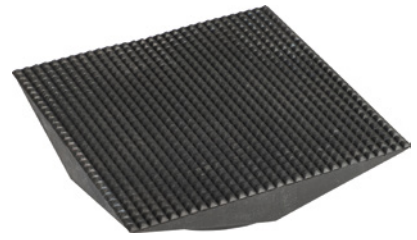


YouTube

herthundbuss.com/channel

Access Extension, lift

Restriction: Universal
Tesla Model 3
Tesla Model Y
Vehicle for vehicles with
equipment: electric motor
for vehicles with hybrid drive
Material: Rubber



LxWxH mm	Weight kg	DU	Article no.
135 x 135 x 42	0,6	1	BU181002 100913

Access Extension, lift

Restriction: Universal
Vehicle for vehicles with
equipment: electric motor
for vehicles with hybrid drive
Material: Rubber



LxWxH mm	Weight kg	DU	Article no.
140 x 100 x 60	0,65	1	BU181003 100949

Access Extension, lift

Restriction: Universal
Vehicle for vehicles with
equipment: electric motor
for vehicles with hybrid drive
Material: Rubber



LxWxH mm	Weight kg	DU	Article no.
140 x 100 x 120	1,05	1	BU181004 100948





Support Plate, mobile jack

Restriction: Universal



DxH mm	DU	Article no.
170 x 35	1	BU084001 100275

Support Plate, mobile jack

Restriction: Omega



DxH mm	DU	Article no.
140 x 22	1	BU084008 100388

Attachment, lift

Restriction: Universal
Material: Rubber



BU084007



BU084006



BU084005



Number of Holes	DxH mm	Hole Spacing mm	DU	Article no.
2	100 x 14	66	1	BU084007 100345
	120 x 14	64	1	BU084006 100346
	150 x 14	83	1	BU084005 100347

Attachment, lift

Restriction: Ravaglioli
OMCN
Universal
Material: NBR (nitrile butadiene
rubber)



DxH mm	Number of Holes	DU	Article no.
145 x 24	1	1	BU084021 100340

Attachment, lift

- Three pins
- Rubber lip

Restriction: Ravaglioli
Universal
Material: NBR (nitrile butadiene rubber)



BU084022

BU084023



DxH mm	DU	Article no.
120 x 27	1	BU084022 100341
145 x 26	1	BU084023 100342

Attachment, lift

- For fitting over a mount

Restriction: Ravaglioli
Werther
Universal
Material: NBR (nitrile butadiene rubber)



DxH mm	DU	Article no.
125 x 25	1	BU084024 100374

Attachment, lift

- With steel plate
- For fitting over a mount

Restriction: Ravaglioli
Werther
Universal
Material: NBR (nitrile butadiene rubber)



DxH mm	DU	Article no.
123 x 25	1	BU084025 100491

Attachment, lift

- With steel plate
- For fitting over a mount

Restriction: Ravaglioli
Sirio
Space
Material: NBR (nitrile butadiene rubber)



DxH mm	DU	Article no.
100 x 21	1	BU084026 100492





Attachment, lift

- For fitting over a mount

Restriction: Ravaglioli
Sirio
Space
Material: NBR (nitrile butadiene
rubber)



DxH mm	DU	Article no.
100 x 21	1	BU084027 100493

Attachment, lift

- For fitting over a mount

Restriction: Ravaglioli
Universal
Material: NBR (nitrile butadiene
rubber)



DxH mm	DU	Article no.
148 x 25	1	BU084028 100494

Attachment, lift

- With steel plate

Restriction: Zippo 4
CE-300
Material: Ebing
Rubber



DxH mm	Number of Holes	DU	Article no.
153 x 31	3	1	BU084041 100327

Attachment, lift

- With steel plate

Restriction: Zippo



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
150 x 15	3	103	1	BU084042 100335

Attachment, lift

- With steel plate

Restriction: Zippo
Universal
Material: NBR (nitrile butadiene rubber)



BU084044

BU084043



Number of Holes	DxH mm	Hole Spacing mm	DU	Article no.
3	100 x 15	60	1	BU084044 100337
	120 x 16	80	1	BU084043 100336

Attachment, lift

- For fitting over a mount
- With metal ring

Restriction: Zippo
Universal
Material: NBR (nitrile butadiene rubber)



DxH mm	Number of Holes	DU	Article no.
127 x 22	1	1	BU084045 100375

Attachment, lift

- With steel plate

Restriction: Beissbarth
Consul
Herrmann
Zippo
Material: Rubber



DxH mm	DU	Article no.
135 x 10	1	BU084046 100927

Attachment, lift

- support plate with replaceable rubber pad

Restriction: Zippo
Consul
Beissbarth
Herrmann
Material: Rubber
Fastening Type: with stud bolt, single-sided



DxH mm	Weight kg	DU	Article no.
135 x 35	1,5	1	BU084047 100928
Content		QU	
Attachment, lift (Beissbarth Consul Herrmann Zippo)		1	BU084046



Access Extension, lift

- For fitting over a mount

Restriction: Hofmann
Universal
Material: NBR (nitrile butadiene rubber)



LxWxH mm	DU	Article no.
162 x 91 x 25	1	BU084061 100331

Attachment, lift

- For fitting over a mount
- With metal ring

Restriction: Hofmann
Material: NBR (nitrile butadiene rubber)



BU084062

BU084063

Number of Holes	DxH mm	DU	Article no.
1	140 x 17	1	BU084062 100332
	160 x 22	1	BU084063 100333

Attachment, lift

- For fitting over a mount
- With metal ring

Restriction: Hofmann
ATH
Universal
Material: NBR (nitrile butadiene rubber)



DxH mm	Number of Holes	DU	Article no.
120 x 16	1	1	BU084064 100334

Attachment, lift

- With steel plate
- For fitting over a mount

Restriction: Becker
Hofmann
Hermann
ATH
Universal
Longus
Material: NBR (nitrile butadiene rubber)



DxH mm	Number of Holes	DU	Article no.
120 x 16	1	1	BU084065 100495

Attachment, lift

- For fitting over a mount

Restriction:

Blitz
Istobal
Rubber

Material:



DxH mm	DU	Article no.
155 x 23	1	BU084071 100328

Attachment, lift

- For fitting over a mount

Restriction:

Rotary
Rubber

Material:



DxH mm	DU	Article no.
123 x 20	1	BU084072 100496

Attachment, lift

- For fitting over a mount

Restriction:

Romeico
Koni
Universal
Material: NBR (nitrile butadiene rubber)

Material:



DxH mm	Number of Holes	DU	Article no.
160 x 28	1	1	BU084081 100325

Attachment, lift

- For fitting over a mount

Restriction:

Koni
Universal
Material: NBR (nitrile butadiene rubber)

Material:



BU084082

BU084083

DxH mm	DU	Article no.
109 x 27	1	BU084082 100339
124 x 17	1	BU084083 100377



Attachment, lift

- With steel plate

Restriction:

Slift

Material:

IME
Rubber



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
155 x 16	4	120	1	BU084091 100370

Attachment, lift

- With steel plate

Restriction:

Slift

Material:

IME
Rubber



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
122 x 13	2	80	1	BU084092 100373

Attachment, lift

- With steel plate
- For fitting over a mount

Restriction:

Nussbaum

Slift

IME

Universal

Material:

NBR (nitrile butadiene
rubber)



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
127 x 28	2	87	1	BU084093 100482

Attachment, lift

- For fitting over a mount

Restriction:

Maha

Material:

NBR (nitrile butadiene
rubber)



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
120 x 22	2	82	1	BU084101 100369

Attachment, lift

- With steel plate

Restriction: Maha
Material: NBR (nitrile butadiene rubber)



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
120 x 22	2	83	1	BU084104 BU084104

Attachment, lift

- For fitting over a mount

Restriction: Maha
Slift
Material: NBR (nitrile butadiene rubber)



BU084102

BU084103

Number of Holes	DxH mm	Hole Spacing mm	DU	Article no.
2	100 x 17,5	59	1	BU084102 100489
	120 x 19	80	1	BU084103 100490

Attachment, lift

- With steel plate
- With bead

Restriction: Autopstenhoj
Material: Universal Rubber



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
123 x 16	3	63	1	BU084111 100338

Attachment, lift

- With steel plate
- With bead

Restriction: Autopstenhoj
Material: NBR (nitrile butadiene rubber)



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
121 x 9	2	65	1	BU084113 100515





Attachment, lift

- with steel plate
- with rubber lip
- suitable for e.g. Nussbaum (new)

Restriction: Nussbaum
AMI

Material: NBR (nitrile butadiene rubber)



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
120 x 24	2	87	1	BU084121 100319

Attachment, lift

- With steel plate
- For fitting over a mount

Restriction: Nussbaum
Slift
IME

Material: NBR (nitrile butadiene rubber)
Universal



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
130 x 30	2	86	1	BU084122 100326

Attachment, lift

- with bead

Restriction: Becker
Material: Rubber



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
120 x 20	2	74	1	BU084131 100330

Attachment, lift

- with bead

Restriction: Becker



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
115 x 20	2	73	1	BU084132 100485

Access Extension, lift

- For fitting over a mount

Restriction:
Material:

Romeico
Rubber



LxWxH mm	DU	Article no.
150 x 80 x 28	1	BU084141 100324

Attachment, lift

- For fitting over a mount

Restriction:
Material:

AC
Rubber



DxH mm	DU	Article no.
110 x 20	1	BU084151 100675

Access Extension, lift

- For fitting over a mount

Restriction:
Material:

Maha
Rotary
AC
Rubber



LxWxH mm	DU	Article no.
112 x 61 x 17	1	BU084152 100676

Attachment, lift

Restriction:

MWH
Consul
Universal
Material: NBR (nitrile butadiene rubber)
Mounting type: Bayonet



DxH mm	DU	Article no.
137 x 18	1	BU084181 100329



Attachment, lift

Restriction: Adami
Universal
Material: NBR (nitrile butadiene rubber)



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
105 x 17	2	66	1	BU084191 100343

Attachment, lift

■ With steel plate

Restriction: Launch
Universal
Material: NBR (nitrile butadiene rubber)



DxH mm	Number of Holes	Hole Spacing mm	DU	Article no.
120 x 33	2	69	1	BU084201 100497

Attachment, lift

■ For fitting over a mount

Restriction: Nordlift/Finntools
Universal
Material: NBR (nitrile butadiene rubber)



DxH mm	DU	Article no.
127 x 23	1	BU084221 100548

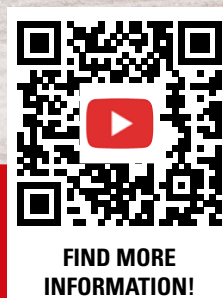
Attachment, lift

■ For fitting over a mount
■ With metal ring

Restriction: Herrmann
Universal
Material: NBR (nitrile butadiene rubber)



DxH mm	Number of Holes	DU	Article no.
130 x 17	1	1	BU084231 100549



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 **HERTH+BUSS**



HV-Service

Tool Set

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Tool Set



46690slimVario

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45833mechatronic L

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47249mechatronic XL

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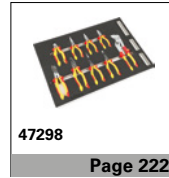
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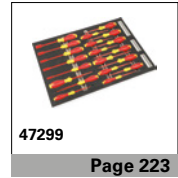
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47300

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slimVario

Tool Set



Contents:

- 1/4" VDE ratchet
- VDE 69.5 mm extension
- VDE adapter bit shank – square drive 1/4"
- VDE handle
- VDE Stubby handle
- VDE precision screwdriver handle
- VDE torque screwdriver
- VDE bit holder for torque screwdriver
- VDE adapter for torque screwdriver

Bits:

- PH 0/1/2
- PZ 1/2
- A/F 3/4/5
- Torx TX10/15/20/25
- Slot-head 2.0/3.5/5.5/6.5
- SL/PZ 1/2

Sockets – hexagon:

- 5/5.5/6/7/8/10/11/13

Wiha VDE tools undergo a multi-stage safety test procedure according to IEC. Each tool is individually tested with 10,000 V AC and approved for use up to 1,000 V AC as well as 1,000 / 1,500 V DC. The insulating material must remain impact-resistant at -25°C. After being submerged in water for 24 hours, another 10,000 V test is performed where there must not be any flashover or breakdown. The adhesive strength of the insulation is tested at 500 N after 168 hours at 70°C. In addition, pressure tests are carried out at 20 N, 70°C and 5,000 V AC. In terms of combustion behaviour, the material must self-extinguish after 10 seconds of exposure to flames. Wiha tools meet the needs of professional workshop environments and are also used by OEMs in the automotive industry.

Number of tools:

36

Tool insulation:

VDE

DIN EN IEC 60900

Torque wrench type: Clicking Torque Wrench
Packaging: System tool bag

Drive inch	DU	Article no.
1/4	1	BU946690



5/5.5/6/7/8/10/11/13



Tasche



Adapter
Drehmoment-
schrauben-
dreher

Drehmoment-
schrauben-
dreher
0.8-5.0Nm

Handgriff

Knarre 1/4"

Handgriff

Handgriff

Einstellwerkzeug
Drehmoment-
schrauben-
dreher

Adapter
Drehmoment-
schrauben-
dreher

Adapter
Handgriff





mechatronic L

Tool Set



Contents:

- VDE side cutter
- VDE combination pliers
- VDE snipe nose pliers
- VDE handle
- VDE torque screwdriver
- VDE adapter for torque screwdriver
- VDE Stubby handle
- VDE precision screwdriver handle
- Multi-tool stripper
- Screwdriver T27, T30, T40
- VDE ratchet 3/8"
- VDE 3/8" 125 mm extension
- Square drive adapter 3/8" 1/4"

Bits:

- PH 1/2
- PZ 1/2
- Hexagon socket 2.5/3/4/5/6
- Torx T8/10/15/20/25
- Slot-head 2.5/3.5/4/5
- SL/PZ 1/2

Sockets – hexagon:

- 4/5/5.5/6/7/8/9/10/11/12/13/14/16/17/18/19/21/22

Sockets – hexagon socket:

- 4/5/6/8

Wiha VDE tools undergo a multi-stage safety test procedure according to IEC. Each tool is individually tested with 10,000 V AC and approved for use up to 1,000 V AC as well as 1,000 / 1,500 V DC. The insulating material must remain impact-resistant at -25°C. After being submerged in water for 24 hours, another 10,000 V test is performed where there must not be any flashover or breakdown. The adhesive strength of the insulation is tested at 500 N after 168 hours at 70°C. In addition, pressure tests are carried out at 20 N, 70°C and 5,000 V AC. In terms of combustion behaviour, the material must self-extinguish after 10 seconds of exposure to flames. Wiha tools meet the needs of professional workshop environments and are also used by OEMs in the automotive industry.

Number of tools:

62

Tool insulation:

VDE

DIN EN IEC 60900

Torque wrench type: Clicking Torque Wrench
Packaging: In Plastic Case

Drive inch	Drive 2 inch	DU	Article no.
1/4	3/8	1	BU945833



mechatronic XL

Tool Set



Contents:

- VDE torque wrench 3/8"
- VDE ratchet 3/8"
- VDE 3/8" 125 mm extension
- VDE ratchet 1/4"
- Adapter 3/8" 1/4"
- VDE torque screwdriver
- VDE handle
- VDE Stubby handle
- Adapter 1/4"
- slimBits extension
- VDE snipe nose pliers
- VDE side cutter
- VDE flat nose pliers
- VDE combination pliers
- VDE cable cutter

Screwdrivers:

- Slot-head 3.5/4.5/5.5
- PH 1/2
- PZ 1/2
- SL/PZ 1/2
- Torx T10/15/20/25/27/30/40

Socket – hexagon:

- 1/4": 4/5/5.5/6/7/8/9/10/11/12/13/14
- 3/8": 16/17/18/19/21/22

Socket – Torx:

- 1/4": T10/15/20/25
- 3/8": T25/27/30/40

Socket – hexagon socket:

- 1/4": 4/5/6/8

Wiha VDE tools undergo a multi-stage safety test procedure according to IEC. Each tool is individually tested with 10,000 V AC and approved for use up to 1,000 V AC as well as 1,000 / 1,500 V DC. The insulating material must remain impact-resistant at -25°C. After being submerged in water for 24 hours, another 10,000 V test is performed where there must not be any flashover or breakdown. The adhesive strength of the insulation is tested at 500 N after 168 hours at 70°C. In addition, pressure tests are carried out at 20 N, 70°C and 5,000 V AC. In terms of combustion behaviour, the material must self-extinguish after 10 seconds of exposure to flames. Wiha tools meet the needs of professional workshop environments and are also used by OEMs in the automotive industry.

Number of tools:

81

Tool insulation:

VDE

DIN EN IEC 60900

Torque wrench type: Clicking Torque Wrench

Packaging:

In Plastic Case

Drive inch	Drive 2 inch	DU	Article no.
1/4	3/8	1	BU947249





Tool Set



The HV tool set is supplied in a foam inlay for workshop trolleys. The width of the foam inlay can be reduced from 562 mm to 522 mm.

Contents:

- 1/4" VDE ratchet
- VDE 75 mm extension
- VDE 150 mm extension
- VDE SlimBit extension
- VDE torque screwdriver
- Adjusting tool for torque screwdriver
- VDE handle
- VDE Stubby handle
- VDE precision screwdriver handle
- VDE adapter for torque screwdriver

Bits:

- PH 0/1/2
- PZ 0/1/2
- SL/PZ 1/2
- Slot-head 2.5/3.5/5.5
- Torx T10/15/20/25/27
- A/F 3/4/5/6

Sockets – hexagon:

- 4/5/5.5/6/7/8/9/10/11/12/13/14

Sockets – hexagon socket:

- 3/4/5/6/8

Sockets – Torx:

- T10/15/20/25/27/30

Wiha VDE tools undergo a multi-stage safety test procedure according to IEC. Each tool is individually tested with 10,000 V AC and approved for use up to 1,000 V AC as well as 1,000 / 1,500 V DC. The insulating material must remain impact-resistant at -25°C. After being submerged in water for 24 hours, another 10,000 V test is performed where there must not be any flashover or breakdown. The adhesive strength of the insulation is tested at 500 N after 168 hours at 70°C. In addition, pressure tests are carried out at 20 N, 70°C and 5,000 V AC. In terms of combustion behaviour, the material must self-extinguish after 10 seconds of exposure to flames. Wiha tools meet the needs of professional workshop environments and are also used by OEMs in the automotive industry.

Number of tools:	56	Packaging:	in tool module
Tool insulation:	VDE		(soft PU foam inlay)
	DIN EN IEC 60900	Drive:	1/4 inch
Torque wrench type:	Clicking Torque Wrench		

Length mm	Width 1 mm	Width 2 mm	Height mm	Total height mm	DU	Article no.
398	562	522	35	57	1	BU947296



Tool Set



The HV tool set is supplied in a foam inlay for workshop trolleys. The width of the foam inlay can be reduced from 562 mm to 522 mm.

Contents:

- 3/8" VDE torque wrench
- 3/8" VDE ratchet
- VDE torque screwdriver
- Adjusting tool for torque screwdriver
- VDE 125 mm extension
- VDE 250 mm extension
- VDE adapter 1/4"

Torque blades – hexagon socket:

- 3/4/5/6

Torque blades – Torx:

- T15/20/25/27/30/40

Sockets – hexagon:

- 8/10/11/12/13/14/16/17/18/19/21/22

Sockets:

- E10/E12
- M8/10/M12

Sockets – Torx:

- T10/15/20/25/27/30/40/50

Wiha VDE tools undergo a multi-stage safety test procedure according to IEC. Each tool is individually tested with 10,000 V AC and approved for use up to 1,000 V AC as well as 1,000 / 1,500 V DC. The insulating material must remain impact-resistant at -25°C. After being submerged in water for 24 hours, another 10,000 V test is performed where there must not be any flashover or breakdown. The adhesive strength of the insulation is tested at 500 N after 168 hours at 70°C. In addition, pressure tests are carried out at 20 N, 70°C and 5,000 V AC. In terms of combustion behaviour, the material must self-extinguish after 10 seconds of exposure to flames. Wiha tools meet the needs of professional workshop environments and are also used by OEMs in the automotive industry.

Number of tools: 41

Tool insulation: VDE

DIN EN IEC 60900

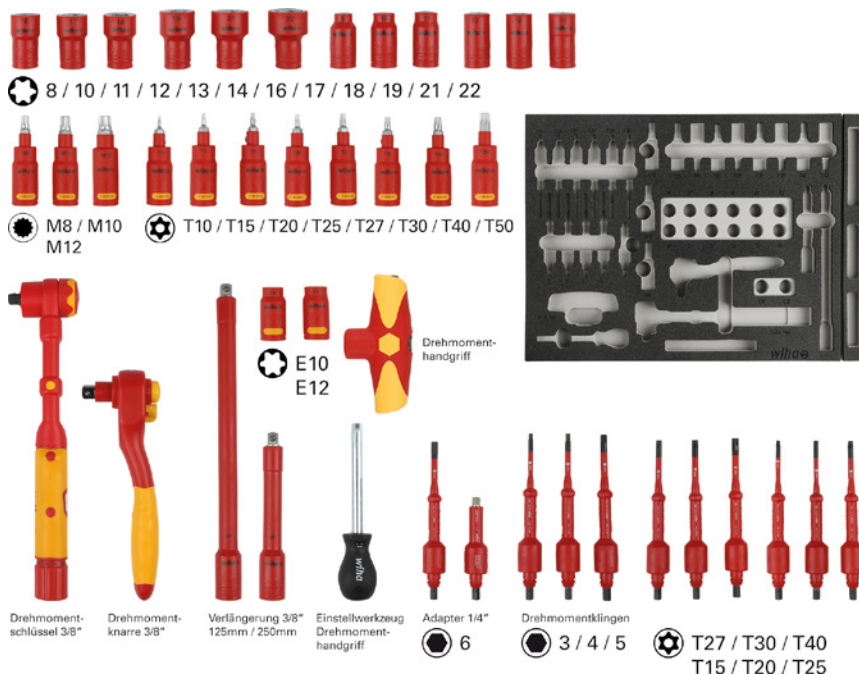
Torque wrench type: Clicking Torque Wrench

Packaging: in tool module

(soft PU foam inlay)

Drive: 3/8 inch

Length mm	Width 1 mm	Width 2 mm	Height mm	Total height mm	DU	Article no.
398	562	522	35	57	1	BU947297





Tool Set



The HV pliers are supplied in a foam inlay for workshop trolleys. The width of the foam inlay can be reduced from 562 mm to 522 mm.

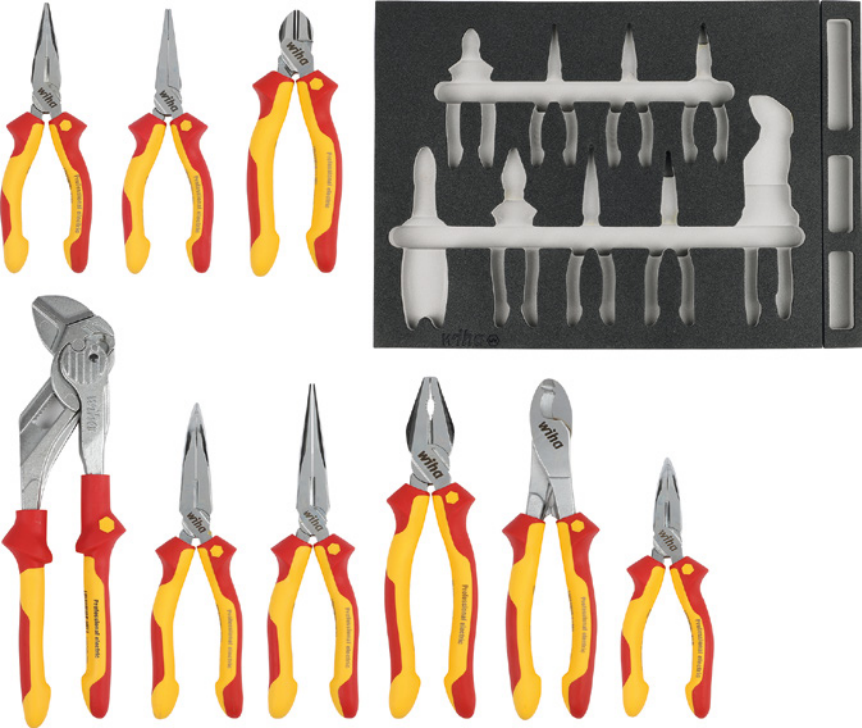
Contents:

- VDE flat nose pliers 160 mm
- VDE flat nose pliers 200 mm
- VDE snipe nose pliers 160 mm
- VDE snipe nose pliers 200 mm
- VDE flat nose pliers 160 mm
- VDE side cutter
- VDE cable cutter
- VDE pliers wrench
- VDE combination pliers

Wiha VDE tools undergo a multi-stage safety test procedure according to IEC. Each tool is individually tested with 10,000 V AC and approved for use up to 1,000 V AC as well as 1,000 / 1,500 V DC. The insulating material must remain impact-resistant at -25°C. After being submerged in water for 24 hours, another 10,000 V test is performed where there must not be any flashover or breakdown. The adhesive strength of the insulation is tested at 500 N after 168 hours at 70°C. In addition, pressure tests are carried out at 20 N, 70°C and 5,000 V AC. In terms of combustion behaviour, the material must self-extinguish after 10 seconds of exposure to flames. Wiha tools meet the needs of professional workshop environments and are also used by OEMs in the automotive industry.

Number of tools: 9 Packaging: in tool module
Tool insulation: VDE (soft PU foam inlay)
DIN EN IEC 60900

Length mm	Width 1 mm	Width 2 mm	Height mm	Total height mm	DU	Article no.
398	562	522	35	57	1	BU947298



Tool Set



The HV screwdrivers are supplied in a foam inlay for workshop trolleys. The width of the foam inlay can be reduced from 562 mm to 522 mm.

Contents:

- 1x PH 1/2
- 1x PZ 1/2
- 1x SL/PZ 1/2
- 1x each of slot-head 3.5/4.5/5.5
- 1x each of Torx T10/15/20/25/27/30
- 1x each of hex 5.5/7/8/10/13

Wiha VDE tools undergo a multi-stage safety test procedure according to IEC. Each tool is individually tested with 10,000 V AC and approved for use up to 1,000 V AC as well as 1,000 / 1,500 V DC. The insulating material must remain impact-resistant at -25°C. After being submerged in water for 24 hours, another 10,000 V test is performed where there must not be any flashover or breakdown. The adhesive strength of the insulation is tested at 500 N after 168 hours at 70°C. In addition, pressure tests are carried out at 20 N, 70°C and 5,000 V AC. In terms of combustion behaviour, the material must self-extinguish after 10 seconds of exposure to flames. Wiha tools meet the needs of professional workshop environments and are also used by OEMs in the automotive industry.

Number of tools:

20

Tool insulation:

VDE

DIN EN IEC 60900

Packaging:

in tool module

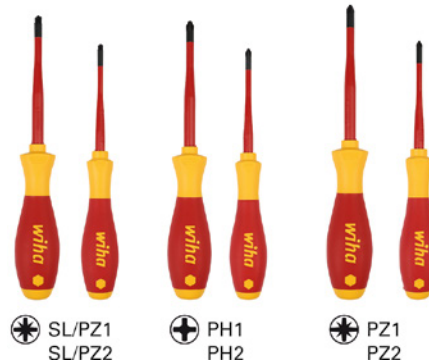
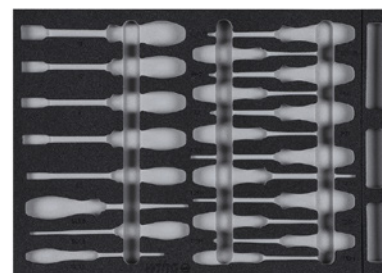
(soft PU foam inlay)

Length mm	Width 1 mm	Width 2 mm	Height mm	Total height mm	DU	Article no.
398	562	522	35	57	1	BU947299



5.5 / 7 / 8 / 10 / 13

3.5 / 4.5 / 5.5



SL/PZ1
SL/PZ2

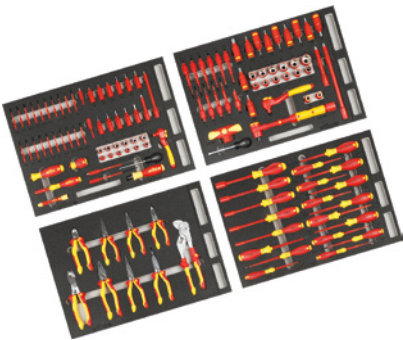
PH1
PH2

PZ1
PZ2

T10 / T20 / T25 / T27 / T30



Tool Set



Wiha VDE tools undergo a multi-stage safety test procedure according to IEC. Each tool is individually tested with 10,000 V AC and approved for use up to 1,000 V AC as well as 1,000 / 1,500 V DC. The insulating material must remain impact-resistant at -25°C. After being submerged in water for 24 hours, another 10,000 V test is performed where there must not be any flashover or breakdown. The

adhesive strength of the insulation is tested at 500 N after 168 hours at 70°C. In addition, pressure tests are carried out at 20 N, 70°C and 5,000 V AC. In terms of combustion behaviour, the material must self-extinguish after 10 seconds of exposure to flames. Wiha tools meet the needs of professional workshop environments and are also used by OEMs in the automotive industry.

Number of tools:	124	Packaging:	in tool module
Tool insulation:	VDE		(soft PU foam inlay)
	DIN EN IEC 60900	Drive:	1/4 inch
Torque wrench type:	Clicking Torque Wrench	Drive 2:	3/8 inch

Length mm	Width 1 mm	Width 2 mm	Height mm	Total height mm	DU	Article no.
398	562	522	35	57	1	BU947300
Content				Number of tools	QU	
Tool Set 47296				56	1	BU947296
Tool Set 47297				41	1	BU947297
Tool Set 47298				9	1	BU947298
Tool Set 47299				20	1	BU947299



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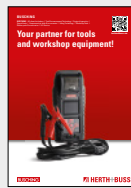




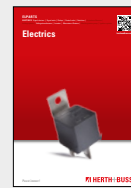
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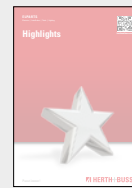
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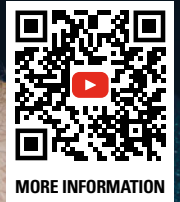
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