



## KL-0112-21 B Pressure/Rotation Device



**Product information** EN  
 ⚠ Read and understand before use!



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0112-21B\_EN221204.indd

## Product description

### KL-0112-21 B - Pressure/rotation device

**Fits universally for, e.g. VW-Audi, BMW, Citroën, Fiat, Ford, Honda, Mazda, Mitsubishi, Nissan, Opel, Peugeot, Renault, Seat, Škoda, Subaru, Toyota etc.**

**Alternative tools:** 3272, T20055A, KM-6007-B

For resetting (pressing or turning) brake pistons on floating brake callipers with or without mechanical and electrical handbrake locking device.

Fits with **right-hand and left-hand threads**. The piston is turned back via the hexagon on the thrust piece.

#### Advantages:

- The handy toggle enables controlled resetting of the brake piston or guiding of the adapter.
- The adapter holder with pressure bearings ensures professional and damage-free resetting.
- The reset is carried out via the hexagon on the respective adapter. This prevents damage to the brake piston spindle as well as wedging of the resetting tool due to different spindle pitches in the tool and in the brake calliper.
- Adapters specially adapted to the brake piston (in profile and outer Ø) prevent damage to the piston or sleeve when resetting.
- Tool set can be supplemented with new, specially adapted adapters for new vehicles or brake systems.
- Very low overall height and no intermediate adapters required.

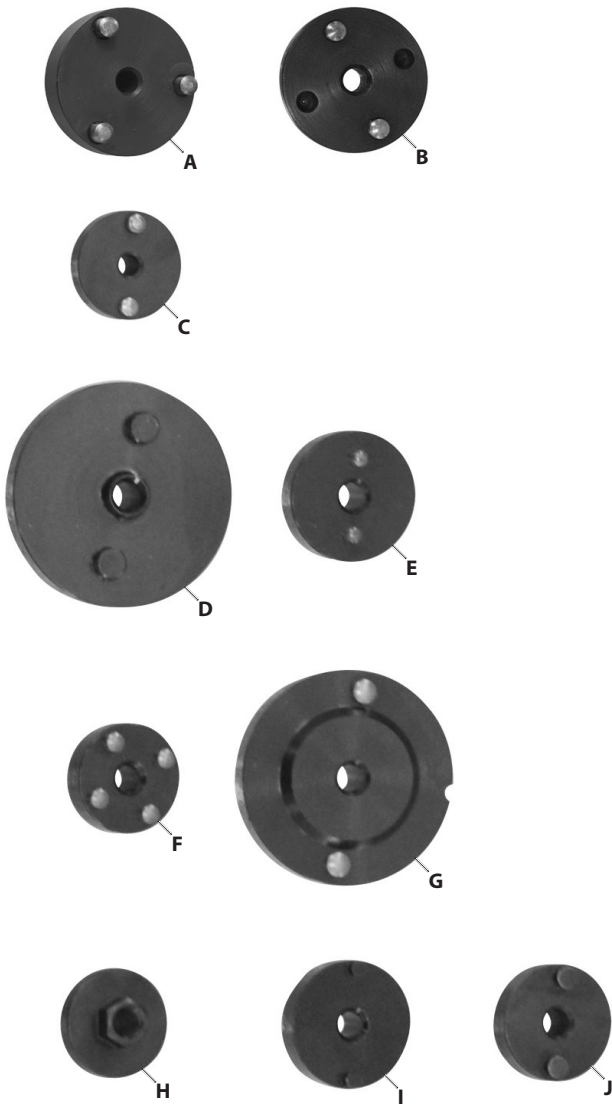
#### Recommended accessories:

**7 UR 13** - Open-end spanner with ring ratchet

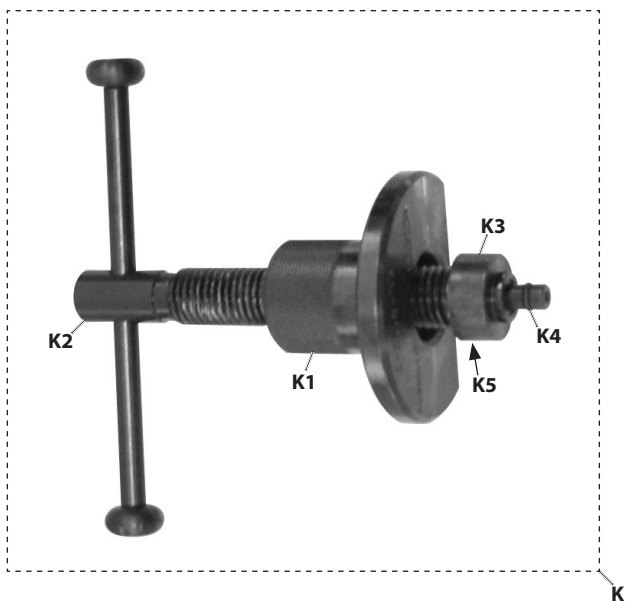
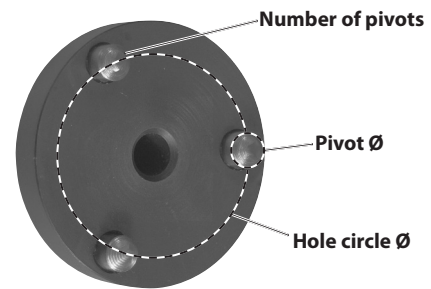
## Scope of supply/overview of single components

Item	Part no.	Description	Specifications	Qty.
A	KL-0112-0017	Adapter size 17	3 pivots / pivot Ø 6mm / hole circle Ø 36mm	1
B	KL-0112-0016	Adapter size 16	2 pivots / pivot Ø 6mm / hole circle Ø 32.5mm	1
C	KL-0112-0015	Adapter size 15	3 pivots / pivot Ø 9mm / hole circle Ø 29mm	1
D	KL-0112-0013	Adapter size 13	2 pivots / pivot Ø 8mm / hole circle Ø 35mm	1
E	KL-0112-0010	Adapter size 10	2 pivots / pivot Ø 4mm / hole circle Ø 20mm	1
F	KL-0112-0009	Adapter size 9	4 pivots / pivot Ø 5mm / hole circle Ø 22mm	1
G	KL-0112-0008	Adapter size 8	2 pivots / pivot Ø 6mm / hole circle Ø 44mm	1
H	KL-0112-0006	Adapter size 6	Hexagonal profile 12 + 13 mm (waf)	1
I	KL-0112-0005	Adapter size 2	2 pivots / pivot Ø 5mm / hole circle Ø 29mm	1
J	KL-0112-0007	Adapter size 1	2 pivots / pivot Ø 6mm / hole circle Ø 24mm	1
K	KL-0112-2000	Pressure/rotation device base unit	-	1
K1	KL-0112-2001	Housing	-	1
K2	KL-0112-2002	Spindle with toggle	-	1
K3	KL-0112-2003	Thrust bearing with housing	-	1
K4	KL-0112-2004	O-ring	Ø 4 x 1.8mm	1
K5	KL-0112-2005	O-ring	Ø 6 x 1.8mm	1

**i Storage system:** Plastic case - KL-0112-2290



**Determining the suitable adapter:**



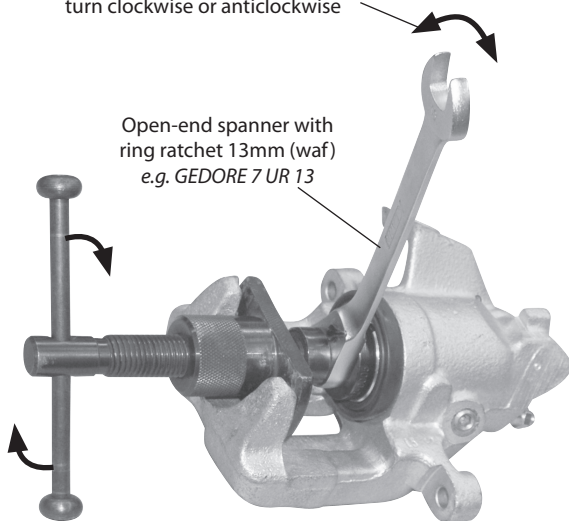
**Specifications**

Total width [mm] .....	275mm
Total height [mm].....	85mm
Total depth [mm].....	230mm
Span width (max.) .....	78mm
Span width (max.) .....	15mm
Weight:.....	1.8kg

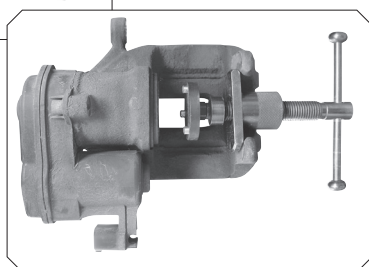
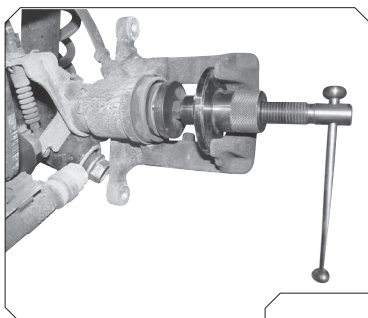
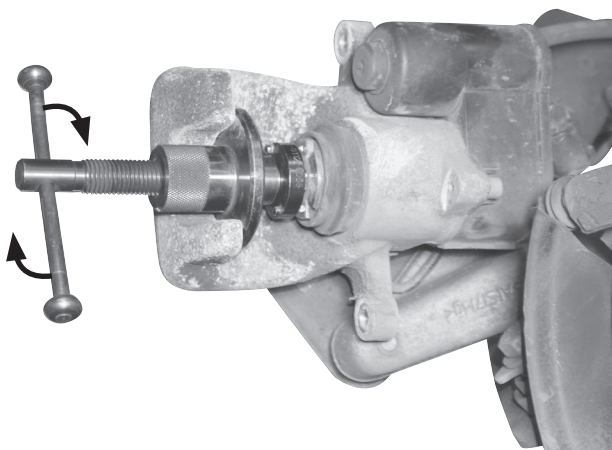
## 📷 1: Turningback

Depending on the type of brake calliper, turn clockwise or anticlockwise

Open-end spanner with ring ratchet 13mm (waf)  
e.g. GEDORE 7 UR 13



## 📷 2: Pushback (do not turn!)



## Typical application

### For brake callipers that are turned back:

1. Loosen or remove all necessary parts.
2. Check that there is enough space in the brake fluid reservoir for the brake fluid to flow back when the brake piston is turned back.
3. Insert the tool with the appropriate adapter into the brake calliper and lock it in place on the piston. Check whether the piston has to be turned back clockwise or anticlockwise.
4. Using a reversible spanner with ring ratchet 13mm (waf), e.g. GEDORE 7 UR 13, turn the adapter until the piston is in its initial position. At the same time, re-tighten the spindle so that the adapter does not slip out of the piston lock 📷 1.
5. Turn the spindle back, remove the tool and assemble the vehicle according to the manufacturer's instructions.

### For brake callipers that are pushed back:

1. Loosen or remove all necessary parts.
2. Check that there is enough space in the brake oil reservoir for the oil to flow back when the brake piston is pushed back.
3. Mount the tool with the appropriate adapter and insert it into the brake calliper.
4. Press the piston back into its original position by turning the spindle. The built-in axial bearing prevents the piston from rotating and thus damage to the piston sealing elements while at the same time reducing the amount of force 📷 2 required.
5. Turn the spindle back, remove the tool and complete the vehicle according to the manufacturer's instructions.

## ⚠️ Safety instructions and regulations

- ✔ **Prior to each use** of the special tools, read and understand all safety instructions and **follow** them for **safe use**!
- ✔ Use the special tools **as intended** and **always** carry out maintenance and repair work in compliance with the regulations on occupational safety and accident prevention as well as the vehicle manufacturer's instructions!
- ✔ **Prior to each use**, check the special tools **carefully** for damage, loose parts or unauthorised modifications. **Never** use it if you notice any such deficiencies!
- ✔ **Always** wear your personal protective equipment (for example safety goggles, protective gloves, safety shoes) when working!