

GEDORE

TOOLS FOR LIFE

Wheel Bearing Tool with Hydraulic Cylinder



KL-0041-42 B

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KL-0041-42 B



KL-0041-420 B



KL-0041-421 B



**KL-0041-42 B Wheel Bearing Tool
with Hydraulic Cylinder**

Suitable for vehicles with bearing Ø of 62mm, e.g. Audi A2, VW Lupo etc.

Field of Application

The **KL-0041-42 B** wheel bearing tool enables the quick and safe *installation* of wheel hub bearing units without the risk of damaging these.

Note: ⇒ **Wheel hub bearing unit removal:**

For the removal of wheel hub bearing units, the **KL-0041-38** wheel hub puller will be needed.

Technical Data

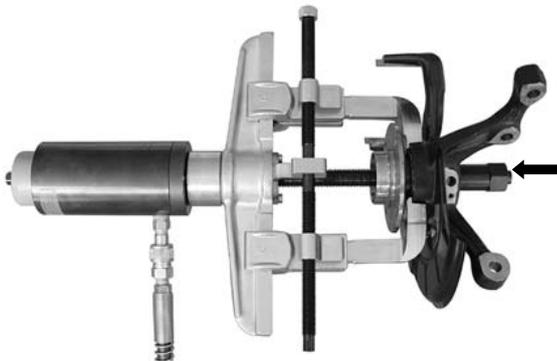
Maximum load capacity of the hydraulic cylinder: 17t

Maximum load capacity of the pull spindle: 20t

Weight: 15.8kg

Removing a wheel hub bearing unit:

Accessory:
KL-0041-38 Wheel Hub Puller, with Adjusting Spindle, with 17t Hydraulic Cylinder



Wheel Hub Bearing Unit



Warnings and Notes

- Any work on vehicle axles should only be performed by qualified specialist personnel observing and complying with the directions, provisions, and safety regulations specified by the vehicle manufacturer!
- When working with hydraulic tools, special safety regulations must be observed.
- Before use, lubricate spindle with molybdenum disulphide paste **KL-0014-0030**.
- Secure tool with safety belt **KL-0040-2590** to prevent it from falling.
- Always keep all parts of your body away from the line along which the hydraulic cylinder extends or retracts.
- For the removal of wheel hub bearing units, the **KL-0041-36** or **-38** wheel hub puller will be needed.
- To drive the **KL-0040-2500** hydraulic cylinder, a hydraulic pump such as **KL-0215-35 M25**, **KL-0215-36 M25** or **KL-0215-37 M25** will be needed.

Fig. 1: Mounting the clamping shells.

“A“



“B“

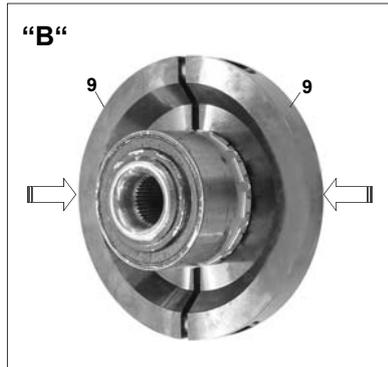


Fig. 2: Mounting the pressure screws.

Screw pressure screws “10“ evenly into wheel hub.

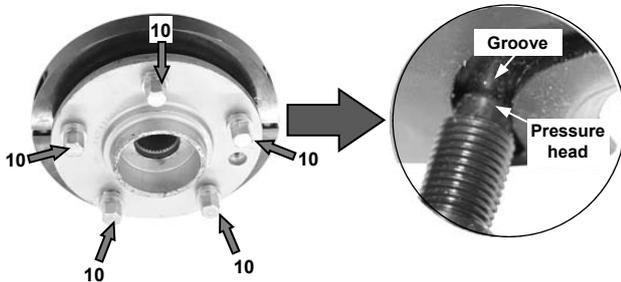
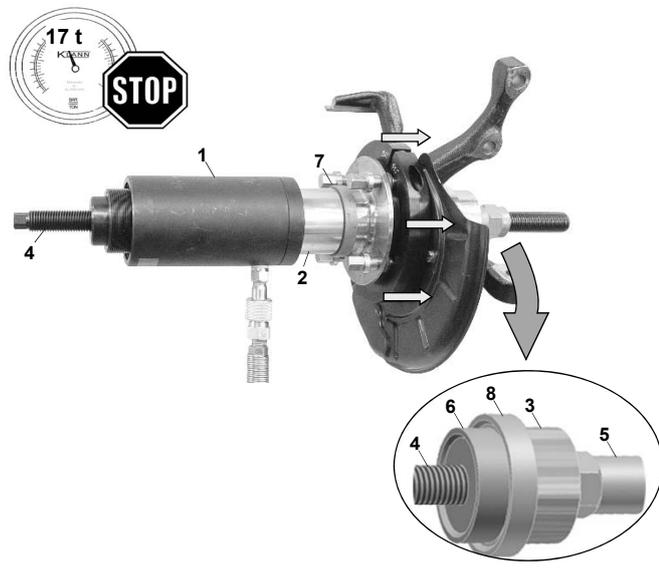


Fig. 3: Mounting the tool on steering knuckle.



Correct Use

Installing a Wheel Hub Bearing Unit:

1. Mount clamping shells “9“ on wheel hub bearing unit as shown in **Fig. 1 A and B**.

2. Evenly screw pressure screws “10“ into wheel hub until pressure head of the screws engages and is properly seated in the groove of the clamping shells (**Fig. 2**). Slightly tighten pressure screws uniformly in a crosswise sequence.

Note: If necessary, check that screws are level with each another using a vernier calliper.

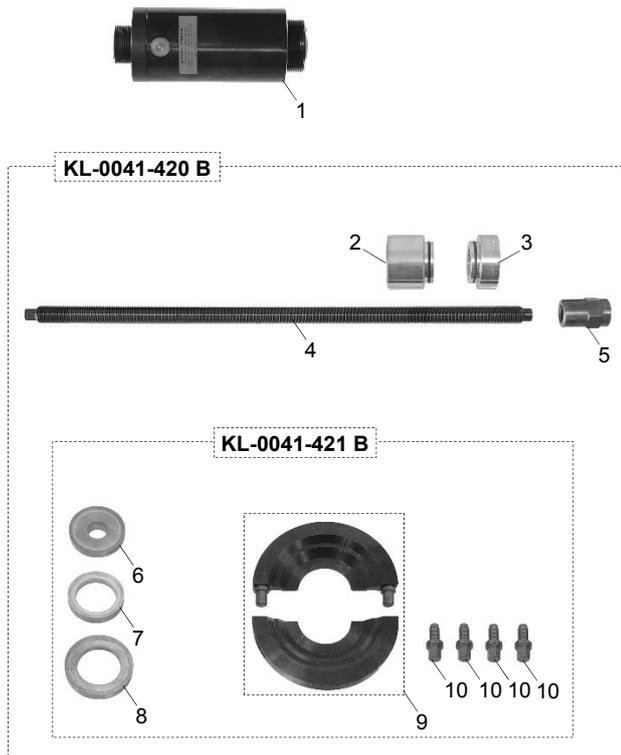
3. Mount tool on steering knuckle as shown in **Fig. 3**.

4. Operate hydraulic pump and install wheel hub bearing unit in steering knuckle. Stop the installation process as soon as the wheel hub bearing unit is correctly positioned.

Note: The wheel hub bearing unit is correctly positioned as soon as the snap ring engages in the groove.

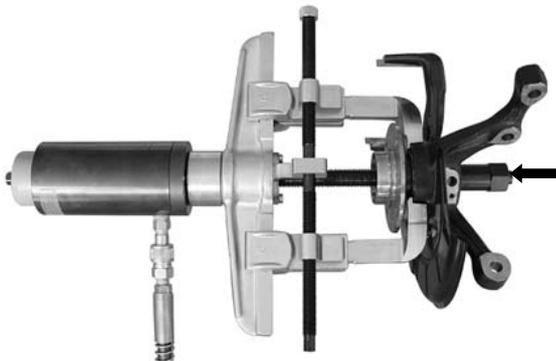
5. Remove tool and reassemble vehicle according to the manufacturer's instructions.

Scope of Delivery:



Accessory:

KL-0041-38 Wheel Hub Puller, with Adjusting Spindle, 17t Hydraulic Cylinder



Accessory:

KL-0215-35 M25 Hydraulic Hand Pump



Scope of Delivery

Pos.	Part No.	Description	Qty
-	KL-0041-42 B	Wheel Bearing Tool with Hydraulic Cylinder, Lupo, Ø 62mm	1
<i>composed of:</i>			
-	KL-0041-420 B	Wheel Bearing Tool without Hydraulic Cylinder, Lupo, Ø 62mm	1
1	KL-0040-2500	Hydraulic Cylinder (17t)	1
Pos.	Part No.	Description	Qty
-	KL-0041-420 B	Wheel Bearing Tool without Hydraulic Cylinder, Lupo, Ø 62mm	1
<i>composed of:</i>			
-	KL-0041-421 B	Upgrade Kit, Audi A2/VW Lupo, (Bearing Ø 62mm)	1
2	KL-0039-1003	Retaining Adaptor with O-Rings, for Hydraulic Cylinder	1
3	KL-0039-1002	Retaining Adaptor with O-Rings, for Clamping Nut and Pressure Spindle	1
4	KL-0039-1920-1	Pull Spindle, M20	1
5	KL-0040-3009	Clamping Nut	1
Pos.	Part No.	Description	Qty
-	KL-0041-421 B	Upgrade Kit, Audi A2/VW Lupo, (Bearing Ø 62mm)	1
<i>composed of:</i>			
6	KL-0039-1359	Centring Ring, Ø 59mm	1
7	KL-0039-1265	Pressure Ring, Ø 65mm	1
8	KL-0041-4204	Pressure/Support Sleeve	1
9	KL-0041-4200 B	Clamping Shells (Pair) Ø 62mm	1
10	KL-0041-3921	Pressure Screw, M12x1.5	4

Accessories:

KL-0041-38 - Wheel Hub Puller with Adjusting Spindle, with 17t Hydraulic Cylinder (German Utility Model)

The **KL-0041-38** wheel hub puller allows for the quick, safe and precise removal of wheel hub bearing units and wheel hubs. Even bonded, seized or rusted wheel hub bearing units or wheel hubs are no longer an issue thanks to the hydraulic cylinder **KL-0040-2500**.

KL-0041-380 Wheel Hub Puller with Adjusting Spindle, without Hydraulic Cylinder

Like the **KL-0041-38**, but supplied without the **KL-0040-2500** hydraulic cylinder and **KL-0040-2547-1** pull spindle (M20x550).

Accessory:

KL-0215-35 M25 - Hydraulic Hand Pump

The hydraulic hand pump **KL-0215-35 M25** is used with the **KL-0040-2500** hydraulic cylinder as a drive for our pulling and pressing devices.

Note: The hydraulic pressure and necessary force can be monitored while operating the pump at pressure gauge **KL-0040-2529**, (supplied with the tool set). The pressure gauge features an additional tonne scale which is precisely adapted to our **KL-0040-2500** hydraulic cylinder (17t).

Scope of Delivery (KL-0215-35 M25)

Part No.	Description	Qty
KL-0215-33	Hydraulic Hand Pump (without hose)	1
KL-0215-31	Hydraulic Hose, 1.8m, with hose-side coupling	1
KL-0215-322	Cylinder-Side Coupling, 1/4"NPT	1
KL-0040-2520	Adaptor, 3/8"NPT to 1/4"NPT	1
KL-0040-2529	Pressure Gauge	1

Weight: 7.5kg

Pressure max.: 700bar