

4



Application list: KL-0039-... Press- / Support sleeves if the KLANN Press frame is already available

Frame

* = short
** = long

Internal dimension
* 240mm / ** 314mm

(KL-0043-..)

KL-0043-..

Which frame is available?



Which drive is available?

Drive



Hydraulic Spindle



Hydraulic Cylinder

Adaptor

Adaptor

KL-0039-1106
KL-0039-1002
KL-0045-7021
KL-0039-804
available?

Adaptor

KL-0039-1106
KL-0039-1002 (for pressure spindle KL-0039-1930)
KL-0039-1004 (for pressure spindle KL-0040-2510)
available?

Sleevesets

Yes

HS1 * = short
** = long

No

HS1 * = short
** = long
+ KL-0039-804

Yes

HS2 * = short
** = long

No

HS2 * = short
** = long
+ KL-0039-1106
+ KL-0039-1004

||
HS5

||
HS6

Note:

For pressure spindle
KL-0039-1930

use HS2, KL-0039-1106
+ KL-0039-1002



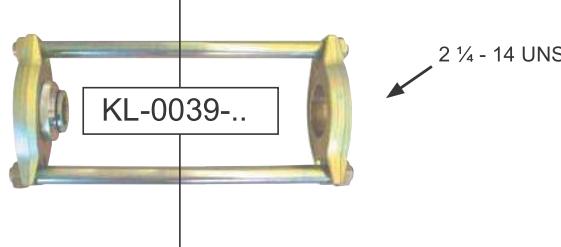
Application list: KL-0039... Press- / Support sleeves if the KLANN Press frame is already available

→ **P1** (KL-0039-..)

KL-0039-..

Internal dimension
* 275mm / ** 350mm

2 1/4 - 14 UNS



2 1/4 - 14 UNS

Frame

4

Which drive is available?



Hydraulic Spindle

Adaptor
KL-0039-1002
KL-0045-7021
available?

Yes

HS3 * = short
** = long

HS3 * = short
** = long
+ KL-0039-1002
+ KL-0045-7021

No



Hydraulic Cylinder

Adaptor

KL-0039-1002 (for pressure spindle KL-0039-1930)
available?

Yes

HS4 * = short
** = long

No

HS4 * = short
** = long
+ KL-0039-1002

Drive

Adaptor

Sleevesets

Note: For individual components please refer to chapter 4.



Universal Press Tool Sets

KL-0043- ... Series	
KL-0043-82	Press Tool Set Univ.
KL-0043-820	Press Tool Kit without drive
KL-0043-83	Press Tool Set Univ. (short)
KL-0043-85	Press Tool Set Univ. (short)
KL-0043-850	Press Tool Kit without drive (short)

KL-0039-... Series		
P1	KL-0039-910 H	Press Tool Set (long) with hydraulic spindle
P1	KL-0039-931 H	Press Tool Set (short) without drive (alternatively)
P1	KL-0039-920 H	Press Tool Set (short) with hydraulic spindle
P1	KL-0039-930 H	Press Tool Set (short) with hydraulic cylinder 17 t
P1	KL-0039-931 H	Press Tool Set (short) without drive

Universal Sleeve Sets

KL-0043- ... Series	
KL-0043-8295	Press Tube Set long
KL-0043-8595	Press Tube Set short

KL-0039-... Series		
	KL-0039-1701	Press / Support Sleeve Set (long)
	KL-0039-1601	Press / Support Sleeve Set (short)

4

Vehicle-specific Press Tool Sets

KL-0043- ... Series	
Mercedes	
KL-0043-822	Press Tool with Hydraulic Spindle MB W124, W129 and W201
KL-0043-8292	Press/Support Tube Set long MB W124, W129 and W201
KL-0043-854	Press Tool with Hydraulic Cylinder 17t, short MB W124, W129 and W201
KL-0043-8592	Press/Support Tube Set short MB W124, W129 and W201
KL-0043-855 C	Press Tool with hydraulic cylinder short MB Sprinter
KL-0043-8591C	Press / Support Sleeve Set short MB Sprinter

KL-0039-... Series		
P1	KL-0039-751	Press Tool Set (long) MB with hydraulic spindle
	KL-0039-7510	Press Tool Set (long) MB without drive
HS1**	KL-0039-7514	Sleeve Set (long) MB (for KL-0043-82..)
HS2** HS3** HS4**	KL-0039-7513	Sleeve Set (long) MB
HS5**	KL-0039-7512	Sleeve Set (long) MB, with adaptor (for 0043-82 with hydr. spindle)
HS6**	KL-0039-7511	Sleeve Set (long) MB with adaptor (for KL-0043-82..)
P1	KL-0039-752	Press Tool Set (short) MB with hydraulic cylinder 17 t
	KL-0039-7520	Press Tool Set (short) MB without drive
HS1*	KL-0039-7524	Sleeve Set (short) MB (for KL-0043-85..)
HS2* HS3* HS4*	KL-0039-7523	Sleeve Set (short) MB
HS5*	KL-0039-7522	Sleeve Set (short) MB with adaptor (for KL-0043-85.. with hydr. spindle)
HS6*	KL-0039-7521	Sleeve Set (short) MB with adaptor (for KL-0043-85..)
P1	KL-0039-750	Press Tool Set (short) MB Sprinter with hydr. cyl.
	KL-0039-7500	Press Tool Set (short) MB Sprinter without drive
HS2* HS3* HS4*	KL-0039-7503	Sleeve Set (short) MB Sprinter
HS6*	KL-0039-7501	Sleeve Set (short) MB Sprinter with adaptor (for KL-0043-85..)

KL-0043-... Series

BMW

KL-0043-823	Press Tool with Hydraulic Spindle BMW E36
KL-0043-8294	Press /Support Sleeve Set long BMW E36
KL-0043-823 A	Press Tool with Hydraulic Spindle 12 t BMW E36
KL-0043-8294 A	Press / Support Sleeve Set long BMW E36
KL-0043-859	
KL-0043-8594	Press / Support Sleeve Set short BMW E36
KL-0043-8296	Press / Support Sleeve Set long BMW E30

KL-0043-... Series

Renault

KL-0043-829	Press Tool Set with hydraulic cylinder 17 t.; Renault Master
KL-0043-8290 A	Press Tool Set without hydraulic cylinder; Renault Master, Vauxhall / Opel Movano
KL-0043-8298	Press /Support Sleeve Set; Renault Master, Vauxhall / Opel Movano upper ball joint
KL-0043-8101	Press /Support Sleeve Set; Renault Master, Vauxhall / Opel Movano lower ball joint
KL-0043-810	Press Tool with hydr.cylinder Renault Master/Opel Movano
KL-0043-8101	Press / Support Sleeve Set Renault Master/Opel Movano, lower suspension ball joint

KL-0043-... Series

Volvo

KL-0039-... Series

P1	KL-0039-760	Press Tool Set (long) BMW E36 with hydr. spindle
	KL-0039-7600	Press Tool Set (long) BMW E36 without drive
HS1**	KL-0039-7604	Sleeve Set (long) BMW E36, (for KL-0043-82..)
HS2**	KL-0039-7603	Sleeve Set (long) BMW E36
HS3**		
HS4**		
HS5**	KL-0039-7602	Sleeve Set (long) BMW E36 with adaptor (for KL-0043-82.. with hydr. spindle)
HS6**	KL-0039-7601	Sleeve Set (long) BMW E36 with adaptor (for KL-0043-82..)
P1	KL-0039-761	Press Tool Set (long) BMW E36 with hydr. spindle
	KL-0039-7610	Press Tool Set (long) BMW E36 without drive
HS1**	KL-0039-7614	Sleeve Set (long) BMW E36 (for KL-0043-82..)
HS2**		
HS3**	KL-0039-7613	Sleeve Set (long) BMW E36
HS4**		
HS5**	KL-0039-7612	Sleeve Set (long) BMW E36 with adaptor (for KL-0043-82.. with hydr. spindle)
HS6**	KL-0039-7611	Sleeve Set (long) BMW E36 with adaptor (for KL-0043-82..)
P1	KL-0039-762	Press Tool Set (short) BMW E36 with hydr. cylinder
	KL-0039-7620	Press Tool Set (short) BMW E36 without drive
HS1*	KL-0039-7623	Sleeve Set (short) BMW E36
HS2*		
HS3*		
HS4*		
HS5*	KL-0039-7622	Sleeve Set (short) BMW E36 with adaptor (for KL-0043-85.. with hydr. spindle)
HS6*	KL-0039-7621	Sleeve Set (short) BMW E36 with adaptor (for KL-0043-85..)
HS1**	KL-0039-7633	Sleeve Set (long) BMW E30
HS2**		
HS3**		
HS4**		

KL-0039-... Series

P1	KL-0039-710	PressTool Set (short) Renault Master, Vauxhall / Opel Movano, with hydraulic cylinder.
	KL-0039-7100	PressTool Set (short) Renault Master, Vauxhall / Opel Movano, without hydraulic cylinder
HS2*	KL-0039-712	Sleeve Set (short) Renault Master, Vauxhall / Opel Movano
HS4*		
HS2*	KL-0039-722	Sleeve Set (short) Renault Master, Vauxhall / Opel Movano upper ball joint
HS4*		
HS2*	KL-0039-732	Sleeve Set (short) Renault Master, Vauxhall / Opel Movano lower ball joint
P1	KL-0039-730	Press Tool Set with hyd. cylinder Renault Master, Vauxhall / Opel Movano
HS2*	KL-0039-732	Press / Support Sleeve Set Renault Master/Opel Movano, lower suspension ball joint

KL-0043-... Series

KL-0039-... Series

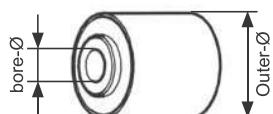
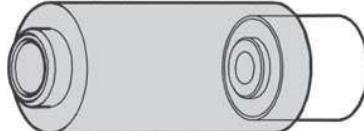
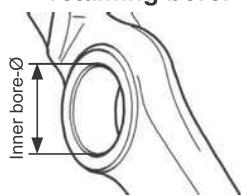
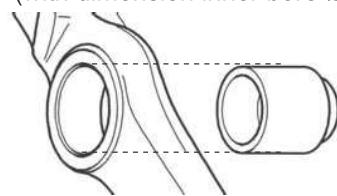
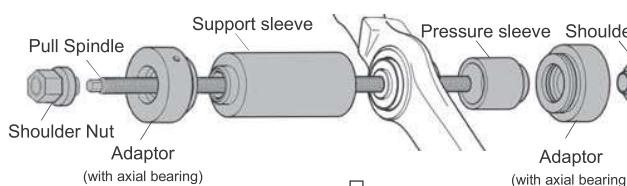
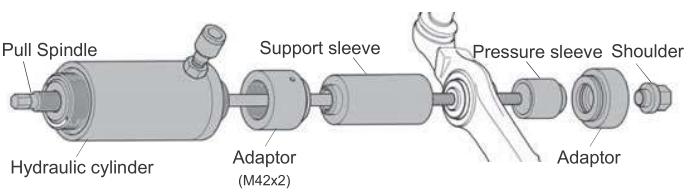
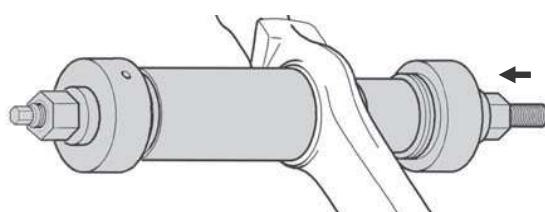
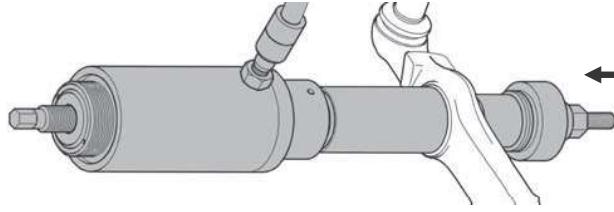
P1	KL-0711-11 L	Press Tool Set with hydraulic cylinder Volvo S40 / V40 lower suspension ball joint
	KL-0711-110 L	Press Tool Set without hydraulic cylinder Volvo S40 / V40 Tragel.ohne Hydr. Zyl. lower suspension ball joint
HS2*	KL-0711-111	Press / Support Sleeve Set
HS4*		
HS6*	KL-0711-112	Upgrade Kit KL-0043-8510

**The KLANN Silenbloc Tool KL-0039-Series !!!!****The big advantages of the unrivalled KL-0039- Tool Series are:**

- Modular system with universally combinable press- / support sleeves.
- Possibility to complement the tool set universally with additional press- / support sleeves, two possible drives (mechanical or hydraulic), optional use of centring- / pressure rings and press frames.

Silentbloc removal / installation using a pull spindle**Identification of the required parts and assembling the tool:**

- ⇒ Measuring the \varnothing of the silentbloc and retaining bore
- ⇒ Determination of spindle, press a nd support sleeve

Measure bore- \varnothing and bearing outer- \varnothing **Identify support sleeve (with bearing outer- \varnothing)****Support sleeve inner \varnothing → larger than → bearing outer- \varnothing** **4****Measure inner bore- \varnothing of retaining bore.****Identify press sleeve (with dimension inner bore- \varnothing)****Press sleeve outer- \varnothing → larger than → inner bore- \varnothing** **Mounting the silentbloc tool (mechanical drive)****Mounting the silentbloc tool (hydraulic drive)****Extracting the silentbloc (mechanically)**
[Insertion follows the same principle]**Extracting the silentbloc (hydraulically)**
[Insertion follows the same principle]

The KLANN Silenbloc Tool KL-0039-Series !!!!

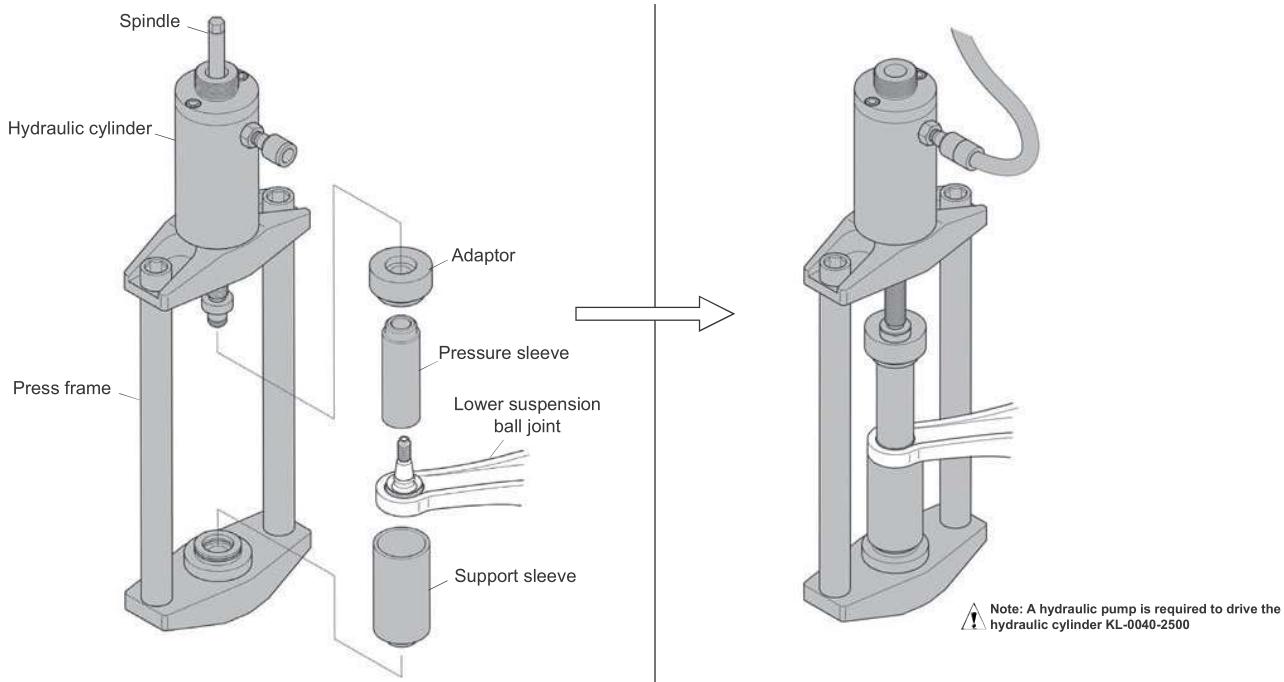
The big advantages of the unrivalled KL-0039- Tool Series are:

- Universal use of the tool.
- Substantial time and cost savings as the required tool can easily and universally be assembled.

Silentbloc / Suspension Ball Joint removal / installation using a press frame

Identification of the required parts and assembling the tool:

- ⇒ Mount the tool and press out the silentbloc / suspension ball joint. (Installation follows the same principle)

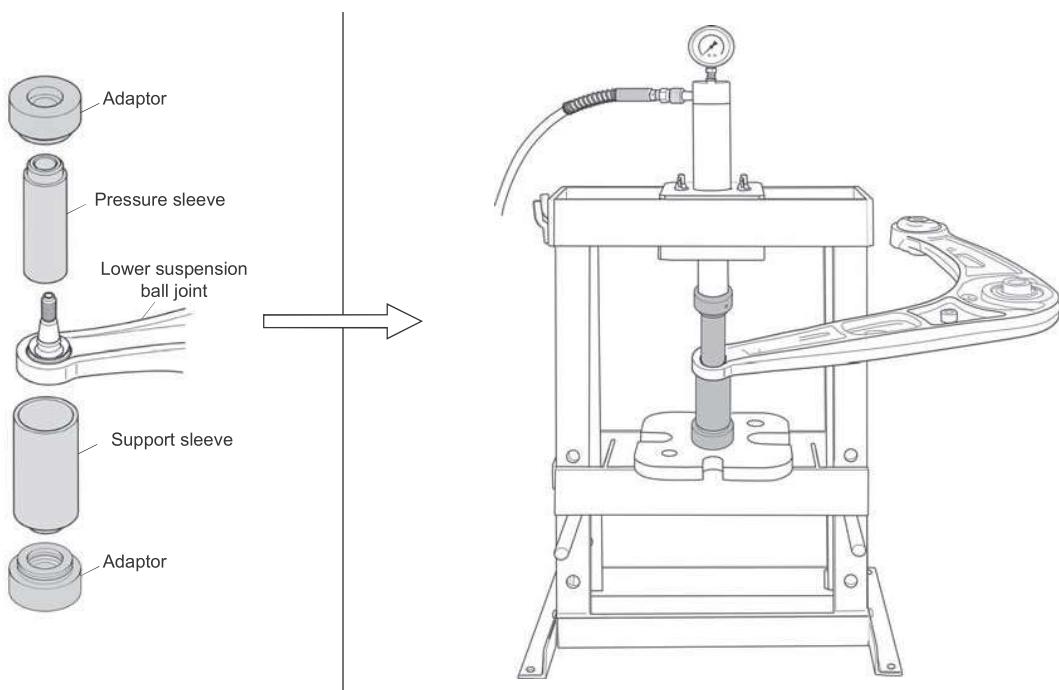


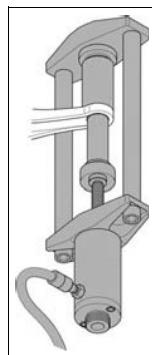
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Silentbloc / Suspension Ball Joint removal / installation using a bench press

Identification of the required parts and assembling the tool:

- ⇒ Mount the tool and press out the silentbloc / suspension ball joint. (Installation follows the same principle)



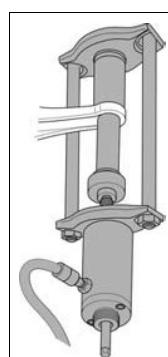
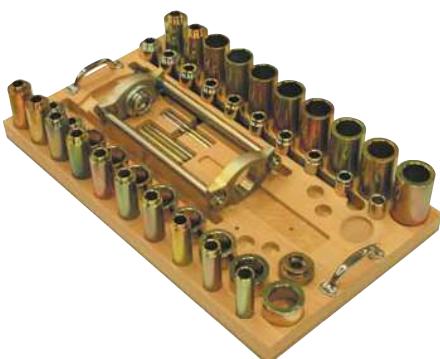
**KL-0039-930 H****Press Tool Set (short) with Hydraulic Cylinder 17 t**

Universally suitable for silentblocs, lower and upper suspension ball joints, etc.

The press tool set **KL-0039-930 H** allows the quick, professional and safe removal and replacement of silentblocs, suspension ball joints, etc. with Ø 30 - 59 mm, directly on the vehicle without having to remove the axle or the wishbone. The hydraulic cylinder 17 t included in the set ensures the professional and trouble-free pressing-out of silentblocs or pivoting bearings. The possibility to easily complement the tool set with other parts of the **KL-0039-.. Series**, such as pull spindles and adaptors, makes this press tool set almost universally applicable.

Technical Data:

Inner Length (Press frame):	275 mm
Inner Width (Press frame):	115 mm
Max. load capacity press frame:	12 t
Max. load capacity hydraulic cylinder:	17 t

4**KL-0039-931 H****Press Tool Set (short) without Drive**

Universally suitable for silentblocs, upper and lower suspension ball joints.

The press tool set **KL-0039-931 H** allows the quick, professional and safe removal and replacement of silentblocs, suspension ball joints, etc. with Ø 30 - 59 mm in-situ on the vehicle without having to remove the axle or the wishbone from the vehicle.

Using this tool set in combination with a hydraulic drive ensures professional and trouble-free extraction of silentblocs or pivoting bearings.

The possibility to easily complement the tool set with other parts of the **KL-0039-.. Series** such as a mechanical drive by pull spindle, makes this press tool set almost universal in its field of application.

Technical Data:

Inner length (press frame)	275 mm
Inner width (press frame)	115 mm
Max. load capacity of press frame:	12 t

Scope of Delivery:**KL-0039-931 H Press Tool Set (short) without drive**

Part No.	Description	Qty.
KL-0039-1140	Press frame, short	1
KL-0039-1002	Retainer Adaptor for shoulder nut and pressure spindle with O-ring	1
KL-0039-1930	Pressure Spindle M20x350 with O-ring	1
KL-0039-1601	Press/Support Sleeve Set (short)	1
KL-0039-1701	Press/Support Sleeve Set (long)	1
KL-0039-9000	Wooden Plate	1

Pulling Device for Silentbloc, Mechanical Drive

KL-0039-412 K

Universally suitable for silentblocs or pivoting bearings with Ø 40 - 71 mm

The pulling device **KL-0039-412 K** enables the quick, safe and professional removal and replacement of silentblocs and pivoting bearings.

The mechanical drive included in the set enables the pulling out of silentblocs and pivoting bearings as from an inner bore-Ø of 10 mm.

The possibility to easily complement the tool set with other parts of the **KL-0039-.. Series**, such as centring- and pressure rings or press-/support sleeves, makes this pulling device almost universally applicable, e.g. also for changing wheel bearings.

Optionally a hydraulic KLANN-Drive (10 t or 17 t) can be used if the silentblocs are very tight-fitting or heavily corroded.

The additional use of a press frame also enables the removal and replacement of, for example, suspension ball joints etc.

Scope of Delivery: KL-0039-412 K Pulling Device for silentblocs, mechanical drive

Part no.	Description	Qty
KL-0039-412	Pulling Device for silentblocs, mechanical drive	1
KL-0039-4129	Plastic storage case	1



Scope of Delivery: KL-0039-412 Pull Spindle Set with adaptors

Part No.	Description	Qty
KL-0039-4121	Pull Spindle Set with adaptors	1
KL-0039-4122	Press/Support Sleeve Set	1

Scope of Delivery: KL-0039-4121 Pull Spindle Set with adaptors

Part No.	Description	Qty.
KL-0039-1011	Retainer adaptor for mechanical spindle	2
KL-0039-2010	Pull Spindle M10x1.25 with nuts	1
KL-0039-2014	Pull Spindle M14 with nuts	1
KL-0014-0030	Molybdenum sulphide paste 50g	1

Scope of Delivery: KL-0039-4122 Press/Support Sleeve Set

Part No.	Description	Qty.
KL-0039-1640	Press/Support sleeve short Ø40 mm	1
KL-0039-1650	Press/Support sleeve short Ø50 mm	1
KL-0039-1658	Press/Support sleeve short Ø58 mm	1
KL-0039-1666	Press/Support sleeve short Ø66 mm	1
KL-0039-1670	Press/Support sleeve short Ø70 mm	1
KL-0039-1680	Press/Support sleeve short Ø80 mm	1
KL-0039-1750	Press/Support sleeve short Ø50 mm	1
KL-0039-1760	Press/Support sleeve short Ø60 mm	1
KL-0039-1768	Press/Support sleeve short Ø68 mm	1
KL-0039-1776	Press/Support sleeve short Ø76 mm	1
KL-0039-1780	Press/Support sleeve short Ø80 mm	1



4

Press-/Support Sleeve Set Ø 30-90 mm (short) 45 mm

KL-0039-160

Designed to press in and press out silentblocs, shafts, bushes etc. Used in conjunction with the tools of the **KL-0039-.. Series**.

Scope of Delivery: KL-0039-160 Press-/Support Sleeve Set

Part No.	Description
KL-0039-1630	Press-/Support sleeve 30/022
KL-0039-1632	Press-/Support sleeve Ø32/Ø24
KL-0039-1634	Press-/Support sleeve Ø34/Ø26
KL-0039-1636	Press-/Support sleeve Ø36/Ø28
KL-0039-1638	Press-/Support sleeve Ø38/Ø30
KL-0039-1640	Press-/Support sleeve Ø40/Ø32
KL-0039-1642	Press-/Support sleeve Ø42/Ø34
KL-0039-1644	Press-/Support sleeve Ø44/Ø36
KL-0039-1646	Press-/Support sleeve Ø46/Ø38
KL-0039-1648	Press-/Support sleeve Ø48/Ø40
KL-0039-1650	Press-/Support sleeve Ø50/Ø42
KL-0039-1652	Press-/Support sleeve Ø52/Ø44
KL-0039-1654	Press-/Support sleeve Ø54/Ø46
KL-0039-1656	Press-/Support sleeve Ø56/Ø48
KL-0039-1658	Press-/Support sleeve Ø58/Ø50
KL-0039-1660	Press-/Support sleeve Ø60/Ø52
Part No.	Description
KL-0039-1662	Press-/Support sleeve Ø62/Ø54
KL-0039-1664	Press-/Support sleeve Ø64/Ø56
KL-0039-1666	Press-/Support sleeve Ø66/Ø58
KL-0039-1668	Press-/Support sleeve Ø68/Ø60
KL-0039-1670	Press-/Support sleeve Ø70/Ø62
KL-0039-1672	Press-/Support sleeve Ø72/Ø64
KL-0039-1674	Press-/Support sleeve Ø74/Ø66
KL-0039-1676	Press-/Support sleeve Ø76/Ø68
KL-0039-1678	Press-/Support sleeve Ø78/Ø70
KL-0039-1680	Press-/Support sleeve Ø80/Ø72
KL-0039-1682	Press-/Support sleeve Ø82/Ø74
KL-0039-1684	Press-/Support sleeve Ø84/Ø76
KL-0039-1686	Press-/Support sleeve Ø86/Ø78
KL-0039-1688	Press-/Support sleeve Ø88/Ø80
KL-0039-1690	Press-/Support sleeve Ø90/Ø82



KL-0039-170
Press-/Support Sleeve Set Ø 30-90 mm (long) 115 mm

Designed to press in and press out silentblocks, shafts, bushes etc. Used in conjunction with the tools of the **KL-0039-.. Series**.


Scope of Delivery: KL-0039-170 Press-/Support Sleeve Set Ø 30-90 mm

Part No.	Description	Part No.	Description
KL-0039-1730	Press-/Support sleeve Ø30/022	KL-0039-1762	Press-/Support sleeve Ø62/054
KL-0039-1732	Press-/Support sleeve Ø32/024	KL-0039-1764	Press-/Support sleeve Ø64/056
KL-0039-1734	Press-/Support sleeve Ø34/026	KL-0039-1766	Press-/Support sleeve Ø66/058
KL-0039-1736	Press-/Support sleeve Ø36/028	KL-0039-1768	Press-/Support sleeve Ø68/060
KL-0039-1738	Press-/Support sleeve Ø38/030	KL-0039-1770	Press-/Support sleeve Ø70/062
KL-0039-1740	Press-/Support sleeve Ø40/032	KL-0039-1772	Press-/Support sleeve Ø72/064
KL-0039-1742	Press-/Support sleeve Ø42/034	KL-0039-1774	Press-/Support sleeve Ø74/066
KL-0039-1744	Press-/Support sleeve Ø44/036	KL-0039-1776	Press-/Support sleeve Ø76/068
KL-0039-1746	Press-/Support sleeve Ø46/038	KL-0039-1778	Press-/Support sleeve Ø78/070
KL-0039-1748	Press-/Support sleeve Ø48/040	KL-0039-1780	Press-/Support sleeve Ø80/072
KL-0039-1750	Press-/Support sleeve Ø50/042	KL-0039-1782	Press-/Support sleeve Ø82/074
KL-0039-1752	Press-/Support sleeve Ø52/044	KL-0039-1784	Press-/Support sleeve Ø84/076
KL-0039-1754	Press-/Support sleeve Ø54/046	KL-0039-1786	Press-/Support sleeve Ø86/078
KL-0039-1756	Press-/Support sleeve Ø56/048	KL-0039-1788	Press-/Support sleeve Ø88/080
KL-0039-1758	Press-/Support sleeve Ø58/050	KL-0039-1790	Press-/Support sleeve Ø90/082
KL-0039-1760	Press-/Support sleeve Ø60/052		

KL-4999-22
Storage Container with Press- / Support Sleeves (long design)
4

Scope of Delivery: KL-4999-22 Storage Container with Press- / Support Sleeves (long design)

Indispensable kit for pressing in and pressing out silentblocks, shafts, bushings etc. Used in conjunction with the tools of the **KL-0039-.. Series**.

The storage container **KL-4999-22** allows a clear and easy way of working with the wheel bearing tools of the **KL-0039-.. Series**

Scope of Delivery: KL-4999-22 Storage Container with Press- / Support Sleeves (long design)

Part No.	Description	Part No.	Description
KL-4999-221	Storage Container for Press- / Support Sleeves	KL-0039-1760	Press- / Support Sleeve Ø60/052
KL-0039-1730	Press- / Support Sleeve Ø30/022	KL-0039-1762	Press- / Support Sleeve Ø62/054
KL-0039-1732	Press- / Support Sleeve Ø32/024	KL-0039-1764	Press- / Support Sleeve Ø64/056
KL-0039-1734	Press- / Support Sleeve Ø34/026	KL-0039-1766	Press- / Support Sleeve Ø66/058
KL-0039-1736	Press- / Support Sleeve Ø36/028	KL-0039-1768	Press- / Support Sleeve Ø68/060
KL-0039-1738	Press- / Support Sleeve Ø38/030	KL-0039-1770	Press- / Support Sleeve Ø70/062
KL-0039-1740	Press- / Support Sleeve Ø40/032	KL-0039-1772	Press- / Support Sleeve Ø72/064
KL-0039-1742	Press- / Support Sleeve Ø42/034	KL-0039-1774	Press- / Support Sleeve Ø74/066
KL-0039-1744	Press- / Support Sleeve Ø44/036	KL-0039-1776	Press- / Support Sleeve Ø76/068
KL-0039-1746	Press- / Support Sleeve Ø46/038	KL-0039-1778	Press- / Support Sleeve Ø78/070
KL-0039-1748	Press- / Support Sleeve Ø48/040	KL-0039-1780	Press- / Support Sleeve Ø80/072
KL-0039-1750	Press- / Support Sleeve Ø50/042	KL-0039-1782	Press- / Support Sleeve Ø82/074
KL-0039-1752	Press- / Support Sleeve Ø52/044	KL-0039-1784	Press- / Support Sleeve Ø84/076
KL-0039-1754	Press- / Support Sleeve Ø54/046	KL-0039-1786	Press- / Support Sleeve Ø86/078
KL-0039-1756	Press- / Support Sleeve Ø56/048	KL-0039-1788	Press- / Support Sleeve Ø88/080
KL-0039-1758	Press- / Support Sleeve Ø58/050	KL-0039-1790	Press- / Support Sleeve Ø90/082

KL-4999-23
Storage Container with Press- / Support Sleeves (short design)

Indispensable kit for pressing in and pressing out silentblocks, shafts, bushings etc. Used in conjunction with the tools of the **KL-0039-.. Series**.

The storage container **KL-4999-23** allows a clear and easy way of working with the wheel bearing tools of the **KL-0039-.. Series**


Scope of Delivery: KL-4999-23 Storage Container with Press- / Support Sleeves (short design)

Part No.	Description	Part No.	Description
KL-4999-221	Storage Container for Press- / Support Sleeves	KL-0039-1660	Press- / Support Sleeve Ø60/052
KL-0039-1630	Press- / Support Sleeve Ø30/022	KL-0039-1662	Press- / Support Sleeve Ø62/054
KL-0039-1632	Press- / Support Sleeve Ø32/024	KL-0039-1664	Press- / Support Sleeve Ø64/056
KL-0039-1634	Press- / Support Sleeve Ø34/026	KL-0039-1666	Press- / Support Sleeve Ø66/058
KL-0039-1636	Press- / Support Sleeve Ø36/028	KL-0039-1668	Press- / Support Sleeve Ø68/060
KL-0039-1638	Press- / Support Sleeve Ø38/030	KL-0039-1670	Press- / Support Sleeve Ø70/062
KL-0039-1640	Press- / Support Sleeve Ø40/032	KL-0039-1672	Press- / Support Sleeve Ø72/064
KL-0039-1642	Press- / Support Sleeve Ø42/034	KL-0039-1674	Press- / Support Sleeve Ø74/066
KL-0039-1644	Press- / Support Sleeve Ø44/036	KL-0039-1676	Press- / Support Sleeve Ø76/068
KL-0039-1646	Press- / Support Sleeve Ø46/038	KL-0039-1678	Press- / Support Sleeve Ø78/070
KL-0039-1648	Press- / Support Sleeve Ø48/040	KL-0039-1680	Press- / Support Sleeve Ø80/072
KL-0039-1650	Press- / Support Sleeve Ø50/042	KL-0039-1682	Press- / Support Sleeve Ø82/074
KL-0039-1652	Press- / Support Sleeve Ø52/044	KL-0039-1684	Press- / Support Sleeve Ø84/076
KL-0039-1654	Press- / Support Sleeve Ø54/046	KL-0039-1686	Press- / Support Sleeve Ø86/078
KL-0039-1656	Press- / Support Sleeve Ø56/048	KL-0039-1688	Press- / Support Sleeve Ø88/080
KL-0039-1658	Press- / Support Sleeve Ø58/050	KL-0039-1690	Press- / Support Sleeve Ø90/082



Storage Container with Drive Parts

KL-4999-20

The storage container **KL-4999-20** allows a clear and easy way of working with the wheel bearing / silentbloc tools of the **KL-0039-.. Series**.

The drive parts included in this kit are used in conjunction with the tools of the **KL-0039-.. Series** for removing and installing bearings, bushings, joints etc.

Scope of Delivery:

KL-4999-20 - Storage Container with Drive Parts

Part No.	Description	Qty.
KL-4999-201	Storage container for drive parts	1
KL-4999-202	Drive part tool set for storage container	1

Scope of Delivery:

KL-4999-202 Drive Part Tool Set for Storage Container

Part No.	Description	Qty.
KL-0039-1910-1	Pull spindle M10x1.25	1
KL-0039-1910-2	Shoulder nut M10x1.25	2
KL-0039-1912-1	Pull spindle M12	1
KL-0039-1912-2	Shoulder nut M12	2
KL-0039-1914-1	Pull spindle M14	1
KL-0039-1914-2	Shoulder nut M14	2
KL-0039-1916-1	Pull spindle M16	1
KL-0039-1916-2	Shoulder nut M16	2
KL-0039-1918-2	Shoulder nut M18	1
KL-0039-1920-1	Pull spindle M20	1
KL-0040-2245-1	Pull spindle M10x1.25	1
KL-0040-2244-1	Pull spindle M12x590	1
KL-0040-2243-1	Pull spindle M14x590	1
KL-0040-2242-1	Pull spindle M16x590	1
KL-0040-2545-1	Pull spindle M18	1
KL-0040-3009	Clamping nut	2
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1003	Retainer adaptor for hydraulic cylinder with O-ring	1
KL-0039-1004	Retainer adaptor for pressure spindle Ø18 mm with O-ring	1
KL-0039-1011	Retainer adaptor for mechanical spindle	2
KL-0040-3008	Pull spindle	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1
KL-0040-2241	Pressure spindle M16	1



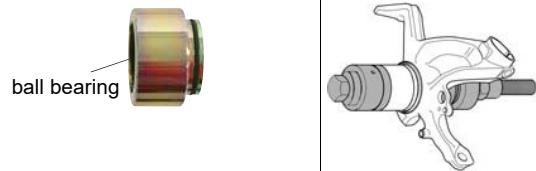
4

Retainer Adaptor for Mechanical Spindle

KL-0039-1011

This tool is necessary to retain the various **KL-0039-..** or **KL-0043-..** press/ support sleeves if these are to be inserted by using the mechanical drive.

The built-in ball bearing ensures accurate and professional working, even under intensive load.



Safety Belt for Mechanical Set

KL-0040-2592

By using the safety belt **KL-0040-2592** on the vehicle and on the mechanical pulling device of the **KL-0039-..Series**, the latter is prevented from falling.

Scope of Delivery:

KL-0040-2592 Safety Belt for Mechanical Set

Part No.	Description	Qty.
KL-0040-2590	Safety Belt for Hydraulic Cylinder 17t	1
KL-0040-2591	Safety Belt Adaptor for mechanical set	1



**KL-0039-2010****Pull Spindle M10x1.25 with Nuts****Technical Data:**

Overall length:	395 mm
Max. load capacity:	5 t

Scope of Delivery:**KL-0039-2010 Pull Spindle M10x1.25, with nuts**

Part No.	Description	Qty.
KL-0039-2010-1	Pull Spindle M10x1.25	1
KL-0039-1910-2	Shoulder nut M10x1.25	2

KL-0039-2012**Pull Spindle M12 with Nuts****Technical Data:**

Overall length:	395 mm
Max. load capacity:	7 t

Scope of Delivery:**KL-0039-2012 Pull Spindle M12, with nuts**

Part No.	Description	Qty.
KL-0039-2012-1	Pull Spindle M12	1
KL-0039-1912-2	Shoulder nut M12	2

4**KL-0039-2014****Pull Spindle M14 with Nuts****Technical Data:**

Overall length:	395 mm
Max. load capacity:	9 t

Scope of Delivery:**KL-0039-2014 Pull Spindle M14, with nuts**

Part No.	Description	Qty.
KL-0039-2014-1	Pull spindle M14	1
KL-0039-1914-2	Shoulder nut M14	2

KL-0039-2016**Pull Spindle M16 with Nuts****Technical Data:**

Overall length:	395 mm
Max. load capacity:	13 t

Scope of Delivery:**KL-0039-2016 Pull Spindle M16, with nuts**

Part No.	Description	Qty.
KL-0039-2016-1	Pull spindle M16	1
KL-0039-1916-2	Shoulder nut M16	2

KL-0039-2018**Pull Spindle M14 with Nuts****Technical Data:**

Overall length:	395 mm
Max. load capacity:	16 t

Scope of Delivery:**KL-0039-2014 Pull Spindle M14, with nuts**

Part No.	Description	Qty.
KL-0039-2014-1	Pull Spindle M18	1
KL-0039-1914-2	Shoulder nut M18	2

KL-0045-70 A**Hydraulic Spindle 12 t with Press Piece and Adaptor**

The KL-0045-70 A is a hydraulic spindle with a maximum admissible force of 120 kN (12 t) to fit a range of KLANN tool systems.

The tool consists of a high-quality steel body with two pistons inside, seal rings and various screw connections.

Scope of Delivery:**KL-0045-70 A Hydraulic Spindle 12 t with Press Piece and Adaptor**

Part No.	Description	Qty.
KL-0045-7	Hydraulic spindle 12 t M42x2	1
KL-0174-552	Adaptor 2 1/4"-14 UNS to M42x2	1
KL-0045-7021	Adaptor Ø20.5 mm with O-ring	1



Hydraulic Cylinder 10 t

KL-0040-2200

Due to its special design as a tubular cylinder, the hydraulic cylinder **KL-0040-2200** can be used to perform pulling or pressing functions according to the type of spindle chosen as an accessory.



Note:
A hydraulic pump is required to drive the Hydraulic Cylinder **KL-0040-2200**.

Technical Data:

Maximum admissible force:	105.8 kN (10 t)
Maximum stroke:	45 mm
Maximum oil pressure:	700 bar
Maximum volume of oil:	75.91 cm ³
Piston area:	15.11 cm ²
Thread in tubular piston:	M16/Ø 16.5
Retaining thread pressure side:	2 1/4"-14 UNS
Retaining thread puller side:	M42×2
Cylinder outer diameter:	69 mm
Overall Length (piston retracted):	217.5 mm
Overall Length (piston extended):	262.5 mm
Hydraulic fluid connection thread:	3/8"NPT
Weight:	4.65 kg



4

Hydraulic Cylinder 28 t

KL-0040-2800

Due to its special design as a tubular cylinder, the hydraulic cylinder **KL-0040-2800** can be used to perform pulling or pressing functions according to the type of spindle chosen as an accessory.

Application:

In conjunction with various KLANN tools, the hydraulic cylinder **KL-0040-2800** can be used for the removal and replacement of drive shafts, wheel hubs, wheel bearings, silentblocs and suspension ball joints.



Note:
A hydraulic pump is required to drive the hydraulic cylinder **KL-0040-2800**.



Technical Data:

Maximum admissible force:	285 kN (28 t)
Maximum stroke:	50 mm
Maximum volume of oil:	216.3 cm ³
Maximum oil pressure:	700 bar
Piston area:	40.6 cm ²
Thread in tubular piston:	M24
Retaining thread (pressure side):	2 1/4"-16 UNS
Retaining thread (puller side):	M42×2
Cylinder outer diameter:	99 mm
Cylinder overall length (piston retracted):	235 mm
Cylinder overall length (piston extended):	285 mm
Hydraulic fluid connection thread:	3/8"NPT
Weight:	9.6 kg



**KL-0040-2500****Hydraulic-Cylinder 17 t**

Due to its special design as a tubular piston cylinder and used in conjunction with various spindles, the hydraulic cylinder **KL-0040-2500** is suitable for pulling and pushing.

Application:

In conjunction with various KLANN tools, the hydraulic-cylinder **KL-0040-2500** can be used for the removal and replacement of drive shafts, wheel hubs, wheel bearings, silentblocs and suspension ball joints.

**Note:**

A hydraulic pump is required to drive the hydraulic cylinder **KL-0040-2500**. For accessories such as coupling, hydraulic pump, dial gauge etc., please refer to chapter 4.

Technical Data:

Maximum admissible force:	170 kN (17 t)
Maximum stroke:	45 mm
Maximum oil pressure:	700 bar
Maximum volume of oil:	122 cm ³
Piston area:	27 cm ²
Thread in tubular piston:	M20
Retaining thread (pressure side):	2 1/4"-14 UNS
Retaining thread (pulling side):	M42x2
Cylinder outer diameter:	80 mm
Cylinder overall length (piston retracted):	202 mm
Cylinder overall length (piston extended):	247 mm
Hydraulic fluid connection thread:	3/8"NPT
Weight:	5.2 kg

Accessories for KL-0040-2500 Hydraulic Cylinder 17 t**KL-0040-...****Adaptor 3/8"NPT to1/4"NPT**

If an already available hydraulic hand pump is used as a drive for hydraulic cylinder **KL-0040-2500**, it is important that the hydraulic pump is fitted with a hose with a 3/8"NPT-connexion. If the pump and hose have other connecting dimensions, at the **KL-0040-Series** a thread will be needed.

**KL-0040-2520 Adaptor 3/8"NPT to1/4"NPT**

Suitable for e.g. KLANN, Longus, Rodcraft.

KL-0040-2521 Adaptor 3/8" NPT to M16x1.5

Suitable for Matra etc.

KL-0040-2522 Adaptor 3/8" NPT to M18x1.5

Suitable for Weber etc.

KL-0040-2523 Adaptor 3/8" NPT to G1/4"

Suitable for Nike etc.

KL-0215-321**Coupling Hose side 1/4" NPT****Technical Data:**

Coupling:	1/4 "
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KL-0215-322**Coupling Cylinder side****Technical Data:**

Coupling:	1/4"
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Pressure Gauge for KL-0040-2500 with Connection Thread 3/8" NPT

KL-0040-2528

Suitable for KL-0215-37 etc.

The pressure gauge can be connected between the hydraulic pump and the hose so that the hydraulic pressure can be checked during operation.

The pressure gauge is fitted with an additional tonne scale designed to match our hydraulic cylinder **KL-0040-2500**.

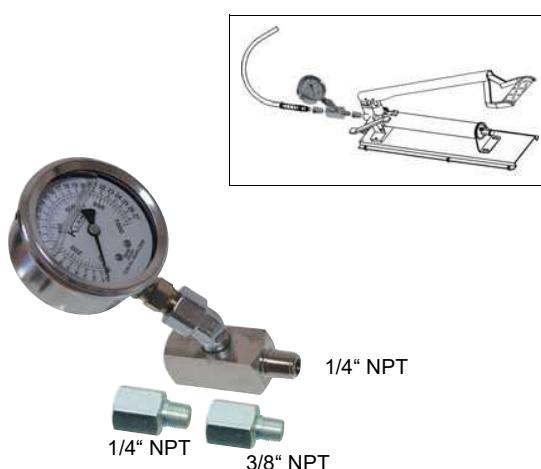
Technical Data:

Measuring Range:	1000 bar
Pressure gauge Ø:	71 mm
Connection thread:	3/8" NPT

Scope of Delivery:

KL-0040-2528 Pressure Gauge for KL-0040-2500 with Connection Thread 3/8" NPT

Part-No.	Description	Qty.
KL-0040-2529	Pressure gauge for KL-0040-2500 with 1/4" connector thread	1
KL-0040-2520	Adaptor 3/8" NPT to 1/4" NPT	1
KL-0040-2524	Adaptor 1/4" NPT to 3/8" NPT	1



Pressure Gauge for KL-0040-2500 with Connection Thread 1/4" NPT

KL-0040-2529

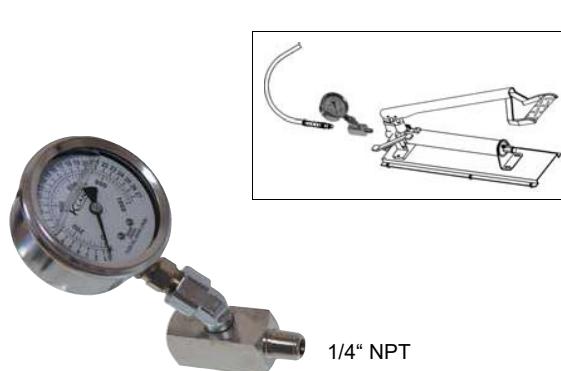
Intended for use with KL-0215-35 and KL-0215-36 etc.

The pressure gauge can be connected between the hydraulic pump and the hose so that the hydraulic pressure can be checked during operation.

The pressure gauge is fitted with an additional tonne scale designed to match our hydraulic cylinder **KL-0040-2500**.

Technical Data:

Measuring Range:	1000 bar
Pressure gauge Ø:	71 mm
Connection thread:	1/4" NPT



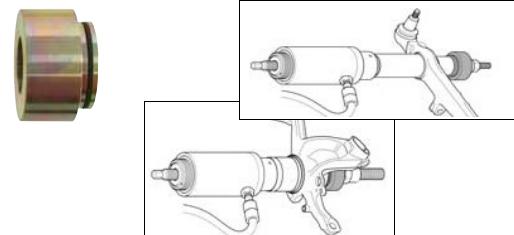
Retainer Adaptor for Clamping Nut and Pressure Spindle with O-ring

KL-0039-1002

This adaptor is designed to retain the various press-/support sleeves of the

KL-0039-.. or KL-0043-.. Series.

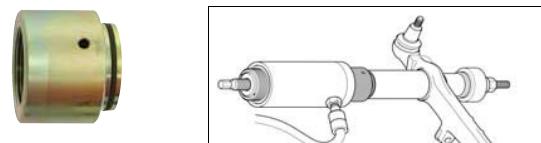
Retaining-Ø for clamping nut or pressure spindle: 20 mm



Retainer Adaptor for Hydr. Cyl. with O-ring

KL-0039-1003

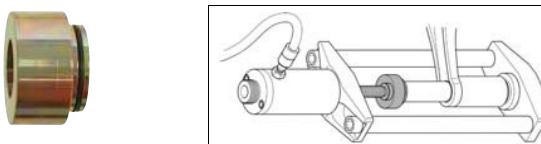
This tool is necessary to retain the various **KL-0039-.. or KL-0043-..** press-/support sleeves if these are to be inserted by using the hydraulic cylinder **KL-0040-2500**. (Thread: M42x2)



Retainer Adaptor for Pressure Spindle Ø18mm with O-ring

KL-0039-1004

This tool is necessary to retain the various **KL-0039-.. or KL-0043-..** press-/support sleeves if these are to be inserted by using the hydraulic drive.



**KL-0039-803 A****Hydraulic Drive with Pull Spindle, without Hydraulic Cylinder**

This tool is necessary to complement a mechanical pulling device such as **KL-0039-412-K** so that it can be driven by the hydraulic cylinder **KL-0040-2500**. It can also be used for pressing out and pressing in bushes and suspension ball joints.

Scope of delivery:**KL-0039-803 Hydraulic Drive with Pull Spindle, without Hydraulic Cylinder**

Part No.	Description	Qty.
KL-0039-1910	Pull spindle M12, with nut	1
KL-0039-1914	Pull spindle M14, with nut	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1003	Retainer adaptor for hydr. cyl. with O-ring	1

KL-0039-...**Pull Spindles****Technical Data:**

Overall length:	590 mm
Working travel:	390 mm

KL-0039-1910 Pull Spindle M10x1.25 with Clamping Nut

Load max.: 5 t.

Scope of Delivery:**KL-0039-1910 Pull Spindle M10 with clamping nut**

Part No.	Description	Qty.
KL-0039-1910-1	Pull Spindle M10x1.25	1
KL-0039-1910-2	Clamping Nut M10x1.25	1

KL-0039-1912 Pull Spindle M12 with Clamping Nut

Load max.: 7 t.

Scope of Delivery:**KL-0039-1912 Pull Spindle M12 with clamping nut**

Part No.	Description	Qty.
KL-0039-1912-1	Pull Spindle M12	1
KL-0039-1912-2	Clamping Nut M12	1

KL-0039-1914 Pull Spindle M14 with Clamping Nut

Load max.: 9 t.

Scope of Delivery:**KL-0039-1914 Pull Spindle M14 with clamping nut**

Part No.	Description	Qty.
KL-0039-1914-1	Pull Spindle M14	1
KL-0039-1914-2	Clamping Nut M14	1

KL-0039-1916 Pull Spindle M16 with Clamping Nut

Load max.: 13 t.

Scope of Delivery:**KL-0039-1916 Pull Spindle M16 with clamping nut**

Part No.	Description	Qty.
KL-0039-1916-1	Pull Spindle M16	1
KL-0039-1916-2	Clamping Nut M16	1

KL-0039-1920 Pull Spindle M20 with Clamping Nut

Load max.: 20 t.

Scope of Delivery:**KL-0039-1920 Pull Spindle M20 with clamping nut**

Part No.	Description	Quantity
KL-0039-1920-1	Pull Spindle M20	1
KL-0040-3009	Clamping Nut M20	1

KL-0039-1930 Pressure Spindle M20x350 with O-ring**Technical Data:**

Pin-Ø:	20 mm
Overall length:	350 mm
Maximum load capacity:	20 t.

**KL-0039-1931****Pressure Spindle M20x405 with O-ring****Technical Data:**

Pin-Ø:	20 mm
Overall length:	405 mm
Maximum load capacity:	20 t.

Note:

Required e.g. for tool sets **KL-0610-11, -12, -13** and **KL-1615-11**.



Safety Belt for Hydraulic Cylinder 17t

KL-0040-2590

By using the safety belt **KL-0040-2590** on the vehicle and on the Hydraulic Cylinder **KL-0040-2500**, the latter is prevented from falling.



Retaining Device for Hydraulic Cylinder KL-0040-2500

KL-0040-258

The retaining device **KL-0040-258** is used in conjunction with the transmission jack **KL-0145-10** thus enabling easy and trouble-free working with the KLANN-Tools that are driven by the hydraulic cylinder **KL-0040-2500**.

Scope of Delivery:

KL-0040-258 Retaining Device for Hydraulic Cylinder KL-0040-2500

Part No.	Description	Qty.
KL-0040-2580	Retaining device without clamp ring	1
KL-0040-2587	Clamp ring for hydraulic cylinder	1



4

Adaptor Retaining Sleeve VW

KL-0040-2588

Necessary to use the retaining device **KL-0040-258** in conjunction with the VW-Transmission Jack.



Accessories for KL-0045-70 A Hydraulic Spindle 12t with Pressure Piece and Adaptor

Adaptor for Hydraulic Spindle

KL-0040-2593

The adaptor **KL-0040-2593** is designed to retain the hydraulic spindle **KL-0045-7** in the safety belt **KL-0040-2590**.



Safety Belt for Hydraulic Spindle

KL-0040-2594

By using the safety belt **KL-0040-2594** on the vehicle and on the hydraulic spindle **KL-0045-7**, the latter is prevented from falling.

Scope of Delivery:

KL-0040-2594 Safety Belt for Hydraulic Spindle

Part No.	Description	Qty.
KL-0040-2590	Safety Belt for Hydraulic Cylinder 17t	1
KL-0040-2593	Safety Belt Adaptor for Hydraulic Spindle	1





Accessories for KL-0040-2200 Hydraulic Cylinder 10 t

KL-0040-2241**Press Spindle M16****Technical Data:**

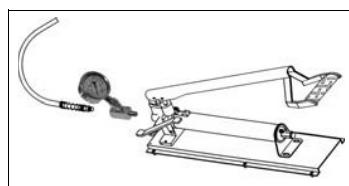
Length:	350 mm
Load max.:	13 t

KL-0040-2242**Pull Spindle M16 with nut****Technical Data:**

Length:	590 mm
Load max.:	13 t

Scope of Delivery:**KL-0040-2242 Pull Spindle M16 with nut**

Part No.	Description	Qty.
KL-0040-2242-1	Pull spindle M16 x 590	1
KL-0039-1916-2	Shoulder Nut M16	1

KL-0040-2229**Pressure Gauge for KL-0040-2200 with connector thread 1/4" NPT.****4**

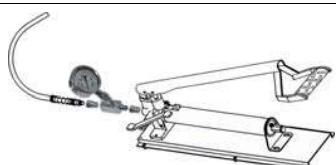
1/4" NPT

The pressure gauge can be connected between the hydraulic pump and the hose so that the hydraulic pressure can be checked during operation.

The pressure gauge is fitted with an additional tonne scale designed to match our hydraulic cylinder **KL-0040-2200**.

Technical Data:

Measuring Range:	1000 bar
Pressure gauge Ø:	71 mm
Connection thread:	1/4" NPT

KL-0040-2228**Pressure Gauge for KL-0040-2200 with connector thread 3/8" NPT.**

1/4" NPT

1/4" NPT 3/8" NPT

Technical Data:

Measuring Range:	1000 bar
Pressure gauge Ø:	71 mm
Connection thread:	3/8" NPT

Scope of Delivery:**KL-0040-2228 Pressure Gauge for KL-0040-2200 with connector thread**

Part No.	Description	Qty.
KL-0040-2229	Pressure gauge for KL-0040-2200 with 1/4" NPT connector thread	1
KL-0040-2520	Adaptor 3/8"NPT to 1/4"NPT	1
KL-0040-2524	Adaptor 1/4"NPT to 3/8"NPT	1

KL-0040-2290**Safety Belt for Hydraulic Cylinder 10t**

By using the safety belt **KL-0040-2890** on the vehicle and on the Hydraulic Cylinder **KL-0040-2800**, the latter is prevented from falling off.



Accessories for KL-0040-2800 Hydraulic Cylinder 28 t

Pressure Spindle M24

KL-0040-2810

Technical Data:

Length:	405 mm
Maximum load capacity:	28 t



Pull Spindle M24 with clamping nut

KL-0040-2812

Suitable for hydraulic cylinder **KL-0040-2800**.

Technical Data:

Length:	590 mm
Maximum load capacity:	28 t



Scope of Delivery:

KL-0040-2812 Pull Spindle M24 with Clamping Nut

Part No.	Description	Qty.
KL-0040-2812-1	Pull Spindle M24x590	1
KL-0040-2812-3	Clamping Nut Ø40, M24 mm	1

Pressure Gauge for KL-0040-2800 with connector thread 1/4" NPT.

KL-0040-2829

The pressure gauge can be connected between the hydraulic pump and the hose so that the hydraulic pressure can be checked during operation.

The pressure gauge is fitted with an additional tonne scale designed to match our hydraulic cylinder **KL-0040-2800**.

Technical Data:

Measuring Range:	1000 bar
Pressure gauge Ø:	71 mm
Connection thread:	1/4" NPT



4

Pressure Gauge for KL-0040-2800 with connector thread 3/8" NPT.

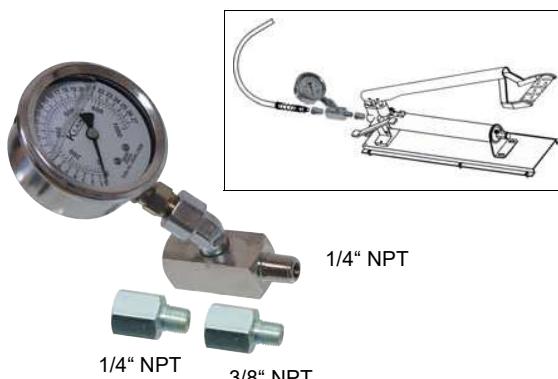
KL-0040-2828

The pressure gauge can be connected between the hydraulic pump and the hose so that the hydraulic pressure can be checked during operation.

The pressure gauge is fitted with an additional tonne scale designed to match our hydraulic cylinder **KL-0040-2800**.

Technical Data:

Measuring Range:	1000 bar
Pressure gauge Ø:	71 mm
Connection thread:	3/8" NPT



Scope of Delivery:

KL-0040-2828 Pressure Gauge for KL-0040-2800 with connector thread 3/8" NPT.

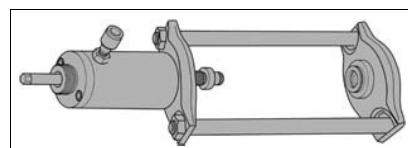
Part No.	Description	Qty.
KL-0040-2829	Pressure gauge for KL-0040-2800 with 1/4" connector thread	1
KL-0040-2520	Adaptor 3/8"NPT to 1/4"NPT	1
KL-0040-2524	Adaptor 1/4"NPT to 3/8"NPT	1

Safety Belt for Hydraulic Cylinder 28t

KL-0040-2890

By using the safety belt **KL-0040-2890** on the vehicle and on the Hydraulic Cylinder **KL-0040-2800**, the latter is prevented from falling.



KL-0039-1140
Press Frame (short)


Short design, without drive.

Technical Data:

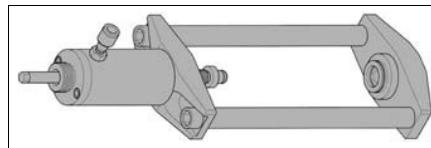
Inner width:	115 mm
Inner length:	275 mm
Maximum load capacity:	12 t.
Cylinder-thread:	2 1/4"-14 UNS
Weight:	4.7 kg

Scope of Delivery:
KL-0039-1140 Press Frame (short)

Part No.	Description	Qty.
KL-0039-114	Tie rods (pair) 285 mm long, with hex nuts	1
KL-0039-1144	Base plate 2 1/4"-14 UNS	2
KL-0039-1105	Adaptor 2 1/4"-14UNS to Ø30 mm with O-ring	1

KL-0039-115
Tie Rods (Pair) 350mm long, with Hex Nuts


Used to retool the press frame **KL-0039-1140** to an inner length of 350 mm. Required, for example, when using a long press sleeve and a long support sleeve of the **KL-0039-17.. Series**.

4
KL-0039-1110
Press Frame (short)


Short design, without drive.

Technical Data:

Inner width:	135 mm
Inner length:	275 mm
Maximum load capacity:	17 t.
Cylinder-thread:	2 1/4"-14 UNS
Weight:	7.8 kg

Scope of Delivery:
KL-0039-1110 Press Frame (short)

Part No.	Description	Qty.
KL-0039-1101	Base plate	2
KL-0039-111	Tie rods (pair) 285mm long with hexagon socket screws	1
KL-0039-1105	Adaptor 2 1/4"-14UNS to Ø30 mm with O-ring	1

KL-0039-113
Tie Rods (Pair) 350mm long, with hexagon socket screws


Used to retool the press frame **KL-0039-1110** to an inner length of 350 mm. Required, for example, when using a long press sleeve and a long support sleeve of the **KL-0039-17.. Series**.

KL-0039-809 A
Hydraulic Drive with Press Frame, without hydr.cyl.


This tool is necessary to complement a mechanical pulling device such as **KL-0039-412 K** so that it can be driven by the hydraulic cylinder **KL-0040-2500**. It can also be used for pressing out and pressing in bushes and suspension ball joints.

Scope of Delivery:
KL-0039-809 A Hydraulic Drive with press frame, without hydr.cyl.

Part No.	Description	Qty.
KL-0039-803 A	Hydraulic drive with pull spindle, without hydraulic cylinder	1
KL-0039-1930	Pressure spindle M20x350 mm with O-ring	1
KL-0039-1140	Press Frame (short)	1





Mounting Bracket for Press Frame

KL-1000-03

This tool is used to fix the mobile 28 t press frame **KL-1000-01**, the 17 t press frame **KL-0043-900** or any other press frame of the **KL-0039-..series**.

Thus, the respective KLANN press frame can be used as a stationary bench press.

Technical Data:

Retaining thread:	2 1/4"-14 UNS
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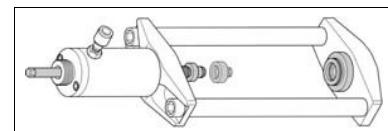
Adaptor M42x2 to Ø30 mm with O-Ring

KL-0039-1106

This adaptor is needed when the various press-/support sleeves of the **KL-0039-.. Series** are to be used in conjunction with the press frames of the **KL-0039-.. Series**.

Technical Data:

Thread:	M42x2 to Ø30 mm
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Adaptor 2 1/4"-14UNS to Ø30 mm with O-Ring

KL-0039-1105

This adaptor is needed when the various press-/support sleeves of the **KL-0039-.. Series** are to be used in conjunction with the press frames of the **KL-0039-.. Series**.

Technical Data:

Thread:	2 1/4"-14UNS to Ø30 mm
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4

Adaptor 2 1/4"-14UNS to 2 3/4"-16 UN

KL-0040-2855

This tool is necessary if a hydraulic cylinder with a 2 3/4" - 16 UN thread is to be used as drive for the KLANN hydraulic tool sets.

Technical Data:

External thread	2 1/4"-14 UNS
Internal thread	2 3/4"-16 UN

Retaining thread of hydraulic cylinder



Retaining thread of tool set



Note:
The external thread 2 1/4"-14 UNS measured on the tool set features an internal Ø of 55.15 mm. The internal thread 2 3/4"-16 UN measured on the hydraulic cylinder to be screwed in features an external Ø of 69.65 mm

Adaptor 2 1/4"-14UNS to 2 1/4"-14UNS

KL-0174-559

This adaptor is needed to operate the hydraulic cylinder **KL-0215-10** and/or **KL-0040-25** when using the perforated discs size 2 and size 3 of the **KL-0174-.. Series** with a pitch circle diameter of from 90 - 102 mm.

Retaining thread of hydraulic cylinder



Retaining thread of tool set

Adaptor 2 1/4"-16 UN to 2 1/4"-14 UNS

KL-0174-561

This tool is necessary if the hydraulic cylinder **KL-0040-2500** is to be used as drive for a tool set with a 2 1/4"-16 UN thread.

Technical Data:

External thread:	2 1/4"-16 UN
Internal thread:	2 1/4"-14 UNS

Retaining thread of hydraulic cylinder



Retaining thread of tool set



Note:
The external thread 2 1/4"-16 UN measured on the tool set, has an internal-Ø of 55.15 mm. The internal thread 2 1/4"-14 UNS measured on the hydraulic cylinder to be screwed in, features an external-Ø of 56.95 mm

**KL-0174-562****Adaptor 2 3/4"-16 UN to 2 1/4"-14 UNS**

Retaining thread of hydraulic cylinder



Retaining thread of tool set

This tool is required if the 17 t hydraulic cylinder **KL-0040-2500** or the 10 t hydraulic cylinder **KL-0040-2200** are to be used as drive for press frame **KL-1000-01**.

Technical Data:

External thread:	2 3/4"-16 UN
Internal thread:	2 1/4"-14 UNS



Note:
The external thread 2 3/4"-16 UN measured on the tool set, has an internal-Ø of 68.25 mm. The internal thread 2 1/4"-14 UNS measured on the hydraulic cylinder to be screwed in, features an external-Ø of 56.95 mm

KL-0174-563**Adapter 2 1/4"-14 UN to Ø60 mm**

Component for the assembly of a Puller from the Puller-Series KL-0174-...

Retaining thread of hydraulic cylinder



Retaining thread of tool set

Technical Data:

External thread:	2 1/4"-14 UNS
Internal thread:	Ø60 / Ø46 mm



Note:
2 1/4"-14 UNS measured on the tool set has internal Ø of 55.15 mm. Locating bore specially designed for the adaptor KL-0039-1003.

4**KL-0174-565****Adaptor M68 x 2 to 2 1/4"-14UNS**

Spare Parts for the assembly of a Puller from the Puller-Series KL-0174-...

Retaining thread of hydraulic cylinder



Retaining thread of tool set

Technical Data:

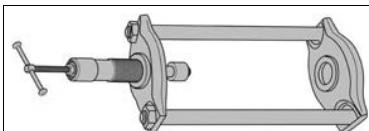
External thread:	M68 x 2
Internal thread:	2 1/4"-14 UNS



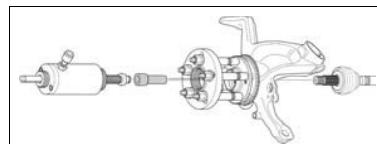
Note:
The external thread M68 x 2 measured on the tool set, has an internal-Ø of 65.85 mm. The internal thread 2 1/4"-14 UNS measured on the hydraulic cylinder to be screwed in, features an external-Ø of 56.95 mm.

KL-0045-7021**Adaptor (pin Ø20 mm)**

This tool is required when the various press-/ support sleeves of the **KL-0039-.. series** are to be inserted in conjunction with the hydraulic spindle **KL-0045-70**.

**KL-0039-1935****Press Piece**

This tool is necessary to press out drive shafts in conjunction with the **KL-0174-.. Series**, the hydraulic cylinder **KL-0040-2500** and the pressure spindle with pin-Ø 20 mm **KL-0039-1930**.



Pulling Device for Silentblocs with Hydraulic Cylinder 17 t

KL-0214-15

Suitable for VW Polo (9N); Seat Ibiza IV, Cordoba ('02 onwards); Skoda Fabia, Roomster and Audi A2 front-axle bracket wishbone.

The pulling device **KL-0214-15** enables the professional and accurate removal and replacement of silentblocs on the front axle bracket.



Technical Data:

Weight:	9.0 kg
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Scope of Delivery:

KL-0214-15 Pulling Device for Silentblocs with Hydraulic Cylinder 17 t

Part No.	Description	Qty.
KL-0214-151	Pulling device for silentblocs without hydr. cyl.	1
KL-0040-2500	Hydraulic cylinder 17t	1

Scope of Delivery:

KL-0214-151 Pulling Device for silentblocs without hydraulic cylinder 17 t

Part No.	Description	Qty.
KL-0214-150	Pulling device for silentbloc without Hydraulic Cylinder and without adaptor	1
KL-0039-1003	Retainer adaptor for hydraulic cylinder with O-ring	1

Scope of Delivery:

KL-0214-150 Pulling device for silentbloc without Hydr. Cyl., without Adap.

Part No.	Description	Qty.
KL-0214-1501	Pull spindle extension M10x1.25	1
KL-0214-1502	Shoulder nut M10x1.25	1
KL-0214-1503	Centring ring Ø 62 mm	1
KL-0214-1504	Press piece	1
KL-0039-1662	Press-/Support sleeve, short, Ø62 mm	1
KL-0214-1606	Press piece extraction (Audi A2)	1
KL-0039-1912	Spindle M12 with shoulder nut	1



Pulling Device for Silentblocs with Mechanical Drive

KL-0214-16

Suitable for VW Polo (9N); Seat Ibiza IV, Cordoba (2002 onwards); Skoda Fabia, Roomster and Audi A2 front-axle bracket wishbone.

The silentbloc in the bracket can quickly and safely be removed and replaced directly on the vehicle by using the pulling device **KL-0214-16**.

Technical Data:

Weight	2.8 kg
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Scope of Delivery:

KL-0214-16 Pulling Device for silentblocs with mechanical drive

Part No.	Description	Qty.
KL-0214-1601	Retainer adaptor for mechanic spindle	1
KL-0214-1602	Pull spindle M10x1.25	1
KL-0214-1603	Spacer	1
KL-0214-1604	Pull spindle extention M10x1.25	1
KL-0214-1605	Shoulder nut M10x1.25	1
KL-0214-1606	Press Piece extraction	1
KL-0214-1607	Press Piece insertion	1
KL-0214-1608	Centring ring	1



KL-0214-17

Press Tool Set Golf IV front axle wishbone with hydr. cyl.



Suitable for VW Golf III and IV, Bora, Vento, New Beetle, Caddy II; Audi A3, TT, TT Roadster; Seat Leon, Toledo II and III; Skoda Octavia.

The press tool set KL-0214-17 used in conjunction with a hydraulic pump such as KL-0215-35 M25 enables the quick, professional and safe removal and replacement of silentblocks on the front axle.

Even severely corroded silentblocks can be extracted and inserted within a few minutes by using this tool.

Combining the tool with parts of the KL-0039-.. Series, such as press-/support sleeves, makes this press tool almost universally applicable.

Scope of Delivery:

KL-0214-17 Press Tool Set Golf IV front axle wishbone with hydr. cyl.

Part No.	Description	Qty.
KL-0214-170	Press Tool Set Golf IV front axle trailing arm without hydr. cyl.	1
KL-0040-2500	Hydraulic cylinder 17t	1

Scope of Delivery:

KL-0214-170 Press Tool Set Golf IV front axle wishbone without hydr. cyl.

Part No.	Description	Qty.
KL-0214-171	Sleeve set Golf IV	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-Ring	1
KL-0039-1140	Press frame, short	1

Scope of Delivery:

KL-0214-171 Sleeve Set Golf IV

Part No.	Description	Qty.
KL-0214-1701	Pressure ring	1
KL-0039-1780	Press-/Support sleeve long Ø80 mm	1



KL-0214-189

Pulling Device for VW Golf V, Passat, (mechanical)



Suitable for silentblocks on the front axle wishbone at VW Golf (2004 onwards), Passat (2006 onwards), EOS (2006 onwards), Scirocco (2009 onwards), Tiguan (2008 onwards) and (Touran 2003 onwards).

Scope of Delivery:

KL-0214-189 Pulling Device for VW Golf V, Passat, (mechanical)

Part No.	Description	Qty.
KL-0214-188	Set of Sleeves with Spindle and Nuts, VW Golf V, Passat	1
KL-0039-1011	Retainer adaptor for mechanical spindle	1

Scope of Delivery:

KL-0214-188 Set of Sleeves with Spindle and Nuts, VW Golf V, Passat

Part No.	Description	Qty.
KL-0214-181	Set of sleeves VW Golf V , Passat	1
KL-0039-2012	Pull spindle M12 with nuts	1
KL-0014-0030	Molybdenum disulphide paste 50g	1

Scope of Delivery:

KL-0214-181 Set of Sleeves VW Golf V , Passat

Part No.	Description	Qty.
KL-0214-1801	Support sleeve short) Ø56 mm	1
KL-0039-1330	Centring ring Ø30 mm	1
KL-0039-1758	Press/Support sleeve long Ø58 mm	1



Pulling Device for Silentbloc with Hydraulic Cylinder; VW Golf V, Passat Front Axle

KL-0214-18

Suitable for silentblocs at the front axle wishbone on:

VW Golf (2004 onwards), Passat (2006 onwards), EOS (2006 onwards), Scirocco (2009 onwards), Tiguan (2008 onwards), Touran (2003 onwards)

Allows quick and professional removal and replacement of silentblocs.

The possibility to complement this tool set with other parts of the **KL-0039... Series**, makes this pulling device almost universal in its field of application. It can, for example, also be used for changing suspension ball joints etc..

Scope of Delivery:

KL-0214-18 Pulling Device for Silentbloc with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0214-180	Pulling device for silentbloc without hydraulic cylinder; VW Golf V, Passat Front Axle	1
KL-0039-1003	Retainer adaptor for hydraulic cylinder with O-ring	1
KL-0040-2500	Hydraulic cylinder 17t	1

Scope of Delivery:

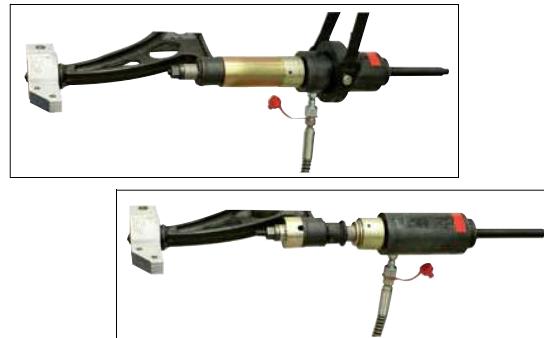
KL-0214-180 Pulling Device for Silentbloc without Hydraulic Cylinder

Part No.	Description	Qty.
KL-0214-181	Set of sleeves VW Golf V, Passat front axle	1
KL-0039-1912	Pull spindle M12, with nut	1

Scope of Delivery:

KL-0214-181 Set of Sleeves

Part No.	Description	Qty.
KL-0214-1801	Support sleeve short Ø56 mm	1
KL-0039-1330	Centring ring Ø30 mm	1
KL-0039-1758	Press/Support sleeve long Ø58 mm	1



Pulling Device (mechanical drive) Audi A4 front axle

KL-0214-149

Suitable for silentblocs and pivoting bearings with bearing-Ø 40 mm, e.g. on Audi A4, A6, A8, Skoda Superb and VW Passat suspension strut mount on the front axle wishbone.

Enables the quick and safe removal and replacement of the strut mount silentbloc without the need to remove the wishbone from the vehicle.

The possibility to complement this tool set with other parts of the **KL-0039... series**, makes this pulling device almost universal in its field of application. It can, for example, also be used for changing suspension ball joints etc.

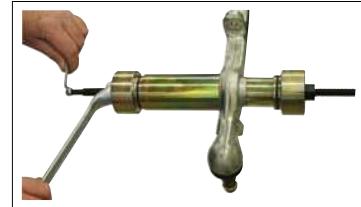
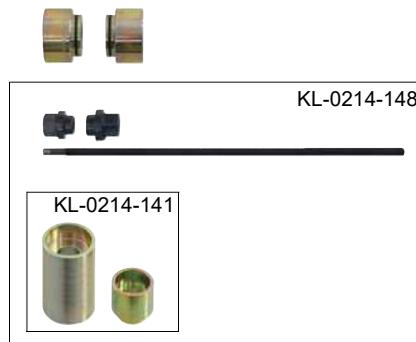
Technical Data:

Weight:	2.7 kg
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Scope of Delivery:

KL-0214-149 Pulling Device (mechanical drive)

Part No.	Description	Qty.
KL-0214-148	Sleeve set with spindle and nuts,Audi A4 front axle	1
KL-0039-1011	Retainer adaptor for mechanical spindle	2



Scope of delivery:

KL-0214-148 Sleeve set with spindle and nuts

Part No.	Description	Qty.
KL-0214-141	Sleeve Set Audi A4 front axle	1
KL-0039-2012	Pull spindle M12 with nuts	1
KL-0014-0030	Molybdenum disulphide paste 50g	1

Scope of Delivery:

KL-0214-141 Set of Sleeves

Part No.	Description	Qty.
KL-0039-1640	Press/Support sleeve short Ø40 mm	1
KL-0039-1750	Press/Support sleeve long Ø50 mm	1

KL-0214-19

Pulling Device for Silentbloc with Hydraulic Cylinder; VW T5 Front Axle

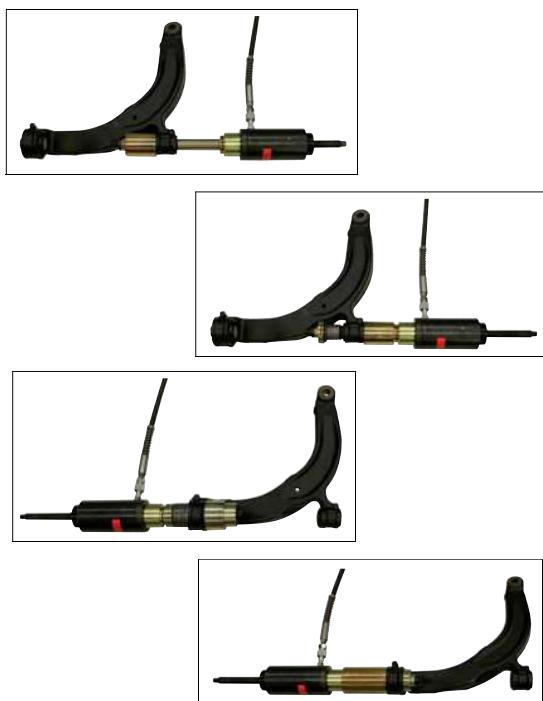
Suitable for the two silentblocs (\varnothing 40.3 and \varnothing 60 mm) at the front axle wishbone on VW T5.

Designed for the quick and safe removal and replacement of the two silentblocs at the wishbone.

The possibility to complement this tool set with other parts of the **KL-0039-...** Series makes this pulling device almost universal in its field of application. It can, for example, also be used for changing suspension ball joints etc.

Scope of Delivery:

KL-0214-19 Pulling Device for Silentbloc with Hydraulic Cylinder



Scope of Delivery:

KL-0214-190 Pulling Device for Silentbloc without Hydraulic Cylinder

Part No.	Description	Qty.
KL-0214-1901	Press piece	1
KL-0214-1902	Support sleeve (removal)	1
KL-0214-1903	Press piece (installation)	1
KL-0039-1730	Press-/Support sleeve; long, \varnothing 30 mm	1
KL-0039-1772	Press-/Support sleeve; long, \varnothing 72 mm	1
KL-0039-1912	Pull spindle M12, with nut	1

KL-0214-20

Pulling Device with Hydraulic Cylinder



Suitable for VW Touareg strut mount silentbloc at the front axle wishbone (with solid silentbloc for bore- \varnothing 46 mm).

Enables the quick and safe removal and replacement of the strut mount silentbloc without the need to remove the wishbone from the vehicle.

Scope of Delivery:

KL-0214-20 Pulling Device with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0040-2500	Hydraulic Cylinder 17 t.	1
KL-0040-2552	Adaptor M42x2 to \varnothing 30 mm	1
KL-0214-200	Pulling Device without Hydraulic Cylinder	1

Scope of Delivery:

KL-0214-200 Pulling Device without Hydraulic Cylinder

Part No.	Description	Qty.
KL-0040-2543-5	Pulling spindle M14 (Length 550 mm)	1
KL-0040-2543-2	Shoulder nut M14	1
KL-0214-2005	Support sleeve	1
KL-0214-2006	Support sleeve	1
KL-0214-2007	Press piece	1



Pulling Device with Hydraulic Cylinder

KL-0214-21

Suitable for VW Touareg strut mount silentbloc at the front axle wishbone (with split or solid silentbloc for bore-Ø 46 mm).

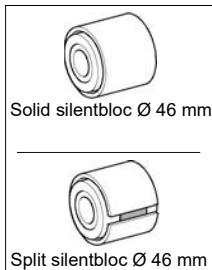
Enables the quick and safe removal and replacement of the strut mount silentbloc without the need to remove the wishbone from the vehicle.

Scope of Delivery: KL-0214-21 Pulling Device with Hydraulic Cyl.

Part No.	Description	Qty.
KL-0040-2500	Hydraulic Cylinder 17 t.	1
KL-0040-2552	Adaptor M42x2 to Ø 30 mm	1
KL-0214-210	Pulling Device without Hydraulic Cylinder	1

Scope of Delivery: KL-0214-210 Pulling Device without Hydraulic Cylinder

Part No.	Description	Qty.
KL-0040-2543-5	Pull spindle M14 (Length 550 mm)	1
KL-0040-2543-2	Shoulder nut M14	1
KL-0214-2001	Conical sleeve Ø46 mm	1
KL-0214-2002	Spring press piece Ø46 mm	1
KL-0214-2003	Centring ring Ø46 mm	1
KL-0214-2004	Centring ring Ø46 mm	1
KL-0214-2005	Support sleeve	1
KL-0214-2006	Support sleeve	1
KL-0214-2007	Press piece	1



Hydraulic Press Tool Set (17t) VW-T4

KL-0043-861

Suitable for VW T4 front axle upper guide joint.

The upper guide joint can be removed and replaced within 30 minutes by using the press tool **KL-0043-861**, without the need to remove the upper wishbone from the vehicle.

Advantages

- Large time savings (2 - 3 hours).
- Simple and precise to use.
- All components are individually available as spare parts.

Scope of Delivery: KL-0043-861 Hydraulic Press Tool Set (17t) VW-T4

Part No.	Description	Qty.
KL-0043-8610	Press Frame	1
KL-0215-10	Hydraulic cylinder 17t, with Pressure Spindle; pin Ø18 mm	1

Scope of Delivery: KL-0043-860 Press Tool Set VW-T4

Part No.	Description	Qty.
KL-0043-8610	Press frame	1
KL-0043-8691	Sleeve set VW-T4	1

Scope of Delivery: KL-0043-8610 Press Frame

Part No.	Description	Qty.
KL-0039-1144	Base plate 2 1/4"-14 UNS	1
KL-0043-8501-V	Base plate 2 1/4"-14 UNS (reinforced design)	1
KL-0215-4004	Tie rods (frame)	1
KL-0049-3004	Hex nut M18	2
KL-0043-8601	Adaptor 2 1/4"-14UNS to Ø60 mm	4

Scope of Delivery: KL-0043-8691 Sleeve Set VW-T4

Part No.	Description	Qty.
KL-0043-8661	Lower Sleeve VW-T4	1
KL-0043-8662	Upper Sleeve VW-T4	1



KL-0043-860



Upgrade Kit VW T4 for Pulling Device KL-0215-4.. Series

KL-0043-8611

Suitable for VW T4 front axle upper ball joint.

The upgrade kit **KL-0043-8611** allows the pulling device for silentblos of the **KL-0215-4... Series** also to be used to replace the upper ball joint at the front axle of VW T4.

Scope of Delivery: KL-0043-8611 Upgrade Kit VW T4 for KL-0215-4...

Part No.	Description	Qty.
KL-0043-8501-V	Base Plate 2 1/4"-14 UNS (reinforced design)	1
KL-0043-8601	Adaptor 2 1/4"-14UNS to Ø60	1
KL-0043-8691	Sleeve Set VW-T4	1



KL-0215-41

Press Tool Set Golf III with Hydr. Cyl.



4

KL-0215-402

Upgrade Kit Golf II for Press Tool KL-0215-41



KL-0215-42 A

Press Tool Set with hydr. cylinder VW Polo

**Suitable for silentbloc Ø 56 mm VW Golf III rear axle.**

The press tool set **KL-0215-41** used in conjunction with hydraulic pump **KL-0215-35 M25** or **KL-0215-37 M25**, allows the user quick, professional and safe removal and replacement of silentblocs at the rear axle. Even heavily corroded silentblocs can be pressed out and pressed in within only a few minutes by using this tool.

Scope of Delivery:**KL-0215-41 Press Tool Set Golf III with Hydr. Cyl.**

Part No.	Description	Qty.
KL-0215-410	Press Tool Set Golf III without drive	1
KL-0040-2500	Hydraulic cylinder 17t.	1
KL-0040-2510	Pressure spindle	1

Scope of Delivery:**KL-0215-410 Press Tool Set Golf III without Drive**

Part No.	Description	Qty.
KL-0215-411	Frame (complete) Golf III	1
KL-0215-0017	Press piece (for insertion) Golf III	1
KL-0215-0026	Press piece (for extraction) Golf III	1
KL-0215-0027	Support ring (for extraction) Golf III	1
KL-0039-1712	Guide pin (long) 12 mm	1

Suitable for VW Golf II.

The upgrade kit **KL-0215-402** enables the press tool set **KL-0215-41** also to be used for silentblocs with diameter of Ø 44 mm on VW Golf II..

Scope of Delivery:**KL-0215-402 Upgrade Kit Golf II for Press Tool KL-0215-41**

Part No.	Description	Qty.
KL-0215-403	Chuck Jaws Golf II	1
KL-0215-0015	Insertion Tool Golf II	1
KL-0215-0028	Extraction Sleeve Golf II	1
KL-0215-0029	Support Tool for extraction Golf II	1

KL-0215-42 A

Press Tool Set with hydr. cylinder VW Polo

Suitable for VW Polo and Seat Ibiza.

The press tool set **KL-0215-42 A** enables the quick, professional and safe removal and replacement of silentblocs at the rear axle. By using this tool, even heavily corroded silentblocs can be pressed out and pressed in within just a few minutes.

Scope of Delivery:**KL-0215-42 A Press Tool Set with hydraulic cylinder VW Polo**

Part No.	Description	Qty.
KL-0215-420 A	Press Tool Set without hydraulic cylinder VW Polo	1
KL-0040-2500	Hydraulic cylinder 17 t	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1
KL-0039-1002	Retainer adaptor	1

Scope of Delivery:**KL-0215-420 A Press Tool Set without hydraulic cylinder VW Polo**

Part No.	Description	Qty.
KL-0215-411	Frame (complete) Golf III	1
KL-0215-422 A	Sleeve set (short), VW Polo, without adaptor	1

Scope of Delivery:**KL-0215-422 A Sleeve set (short) VW Polo, without adaptor**

Part No.	Description	Qty.
KL-0215-4201	Press sleeve (insertion)	1
KL-0039-1654	Press sleeve (short) Ø 54 mm	1
KL-0039-1710	Guide pin (long) 10 mm	1

Pulling Device with Hydraulic Cylinder VW Polo rear axle

KL-0215-53 A

Suitable for VW Polo models 1995- 2001 rear axle.

The pulling device **KL-0515-53 A** used with a hydraulic pump, such as **KL-0215-35 M25**, allows the user to quickly and safely extract and insert the silentblocs on the rear axle.

Using this tool, the removal of the rear axle is no longer necessary.

Scope of Delivery:

KL-0215-53 A Pulling Device with Hydraulic Cylinder VW Polo rear axle

Part No.	Description	Qty.
KL-0215-530 A	Pulling Device VW Polo rear axle without Hydr. Cyl.	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1003	Retainer adaptor for hydraulic cylinder with O-ring	1
KL-0040-2500	Hydraulic Cylinder 17t	1

Scope of Delivery:

KL-0215-530 A Pulling Device VW Polo rear axle without Hydr. Cyl.

Part No.	Description	Qty.
KL-0215-531 A	Sleeve set VW Polo rear axle	1
KL-0039-1910	Pulling spindle M10x1.25, with nut	1

Scope of Delivery:

KL-0215-531 A Sleeve Set VW Polo rear axle

Part No.	Description	Qty.
KL-0215-4201	Press sleeve (insertion)	1
KL-0039-1778	Press/Support sleeve long Ø78 mm	1
KL-0039-1654	Press/Support sleeve long Ø54 mm	1



Press Tool Set Golf V rear axle trailing arm with hydr. cylinder

KL-0215-43

Suitable for Audi A3 (8P), TT (8J); Seat Altea (5P), Leon (1P), Toledo (5P); Skoda Superb (3U), Octavia (1Z); VW Eos, Golf V, Jetta III, Passat (3C), Tiguan and Touran rear axle trailing arm.

The press tool set **KL-0215-43** enables the professional and accurate removal and replacement of silentblocs on the rear axle trailing arm without having to remove the latter from the vehicle.

Scope of Delivery:

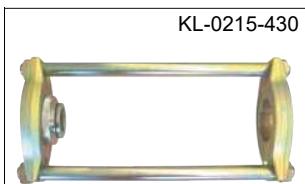
KL-0215-43 Press Tool Set Golf V rear axle trailing arm with hydr. cylinder

Part No.	Description	Qty.
KL-0215-430	Press Tool Set Golf V rear axle trailing arm without hydr. cyl.	1
KL-0040-2500	Hydraulic cylinder 17t	1

Scope of Delivery:

KL-0215-430 Press Tool Set Golf V rear axle trailing arm without hydr. cyl.

Part No.	Description	Qty.
KL-0215-431	Sleeve set Golf V rear axle trailing arm	1
KL-0039-1930	Pressure spindle M20x350 mm with O-ring	1
KL-0039-1140	Press frame, short	1
KL-0039-1002	Retainer Adaptor for hex nut and pressure spindle with O-ring	1



KL-0215-52 A

Pulling Device for Silentbloc Audi A3, VW Golf IV Rear Axle with Hydraulic Cylinder



4



Suitable for Audi A3; VW Bora, Beetle, Golf IV; Seat Leon, Toledo '01 onwards and Škoda Octavia '97 onwards rear axle.

For quick, easy removal of the rubber-to-metal silentbloc-type bushing (KL-0215-522 with KL-0040-2500 and KL-0040-2552), and for removing and installing the rubber-to-plastic bushing (KL-0215-520 with KL-0040-2500 and KL-0040-2552) at the rear axle.

Scope of Delivery:**KL-0215-52 A Pulling Device for Silentbloc with Hydraulic Cylinder**

Part No.	Description	Qty.
KL-0040-2500	Hydraulic Cylinder 17t	1
KL-0215-520 A	Pulling device for silentbloc without Hydraulic Cylinder	1

Scope of Delivery:**KL-0215-520 A Pulling Device without Hydr. Cyl.**

Part No.	Description	Qty.
KL-0040-2552	Adaptor M42x2 to Ø 30 mm	1
KL-0215-520	Pulling Device without Hydr. Cyl. (only for rubber-to-plastic silentblocs)	1
KL-0215-522	Upgrade Kit (for rubber-to-metal silentbloc) without hydraulic cylinder	1

Scope of Delivery:**KL-0215-520 A Pulling Device without Hydr. Cyl.
(only for rubber-to-plastic silentblocs)**

Part No.	Description	Qty.
KL-0215-521	Press-/Support sleeve set (for rubber-plastic silentbloc)	1
KL-0040-2542	Puller Spindle M12 with Nut	1

Scope of Delivery:**KL-0215-521 Press-/Support sleeve set (for rubber-plastic silentbloc)**

Part No.	Description	Qty.
KL-0215-5201	Support Sleeve	1
KL-0215-5202	Clamping jaws (pair) with screws	1
KL-0215-5203	Press piece (removal)	1
KL-0215-5204	Support Sleeve (insertion)	1
KL-0215-5205	Press piece (insertion)	1

Scope of Delivery:**KL-0215-522 Upgrade Kit (for rubber-to-metal silentbloc)
without hydraulic cylinder**

Part No.	Description	Qty.
KL-0215-523	Press-/Support sleeve set	1
KL-0040-2512	Pull spindle M20	1
KL-0040-3009	Clamping nut M20	1

Scope of Delivery:**KL-0215-523 Press-/Support sleeve set (rubber-metal silentbloc)**

Part No.	Description	Qty.
KL-0043-8569	Press-/Support sleeve short 44/36	1
KL-0215-5221	Press sleeve (removal)	1
KL-0215-5222	Support sleeve (removal)	1

KL-0215-50

Pulling Device for Silentbloc with Hydraulic Cylinder



Suitable for Audi 80 (B4) model 1991 - 1996 rear axle.

The pulling device KL-0215-50 allows quick, easy, professional and safe removal and replacement of silentblocs at the rear axle.

Scope of Delivery:**KL-0215-50 Pulling Device for Silentbloc with Hydraulic Cylinder**

Part No.	Description	Qty.
KL-0040-2500	Hydraulic Cylinder 17 t	1
KL-0040-2552	Adaptor M42x2 to Ø 30 mm	1
KL-0215-500	Pulling Device for Silentbloc without Hydraulic Cylinder	1

Scope of Delivery:**KL-0215-500 Pulling Device for Silentbloc without Hydraulic Cylinder**

Part No.	Description	Qty.
KL-0215-5001	Support sleeve	1
KL-0215-5002	Press piece (extraction)	1
KL-0215-5003	Press piece (insertion)	1
KL-0040-2542	Pull spindle M12 with nut	1

Pulling Device for Silentbloc with Hydraulic Cylinder

KL-0215-51

Suitable for Audi A4 model 1996 - 2001 rear axle.

Designed for the removal and replacement of silentblocs at the rear axle. No need to remove the rear axle from the vehicle.



Scope of Delivery:

KL-0215-51 Pulling Device for Silentbloc with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0215-510	Pulling Device for Silentbloc without Hydraulic Cylinder	1
KL-0040-2500	Hydraulic Cylinder 17 t.	1
KL-0039-1003	Retainer adaptor for hydr. cyl. with O-ring	1

Scope of Delivery:

KL-0215-510 Bush Extractor without Hydraulic Cylinder

Part No.	Description	Qty.
KL-0215-5001	Support Sleeve	1
KL-0215-5002	Press Sleeve (extraction)	1
KL-0215-5103	Press Sleeve (insertion)	1
KL-0039-1912	Puller Spindle M12 with Nut	1



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Pulling Device for Audi A4 rear axle silentbloc; with hydraulic cylinder

KL-0215-56

Suitable for Audi A4 and A4 Quattro from 2001 onwards rear sub-frame.

Allows the quick and easy replacement of silentblocs in the rear sub-frame without the need to remove the rear axle from the vehicle.



Scope of Delivery:

KL-0215-56 Pulling Device for Audi A4 rear axle silentbloc; with hydr. cyl.

Part No.	Description	Qty.
KL-0215-560	Pulling device Audi A4 rear axle silentbloc without hydr. cyl.	1
KL-0040-2500	Hydraulic Cylinder 17 t.	1
KL-0039-1003	Retainer adaptor for hydr. cyl. with O-ring	1

Scope of Delivery:

KL-0215-560 Pulling Device for Audi A4 rear axle silentbloc; without hydr. cyl.

Part No.	Description	Qty.
KL-0215-5601	Housing Cover	1
KL-0215-5602	Housing	1
KL-0215-5603	Support Ring - removal	1
KL-0215-5604	Press piece - removal	1
KL-0215-5605	Support Ring - installation	1
KL-0215-5606	Press piece - installation	1
KL-0039-1914-1	Pull spindle M14	1
KL-0040-2543-2	Shoulder nut M14	1

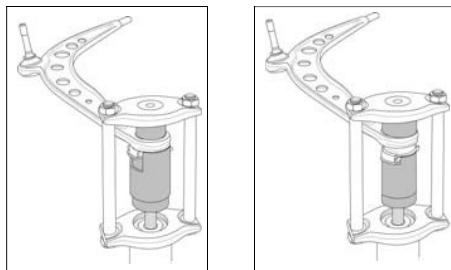


KL-0039-762

Press Tool Set (short), BMW E36, with Hydraulic Cylinder



4



KL-0516-2

Pulling Device for Silentbloc front axle with Hydraulic Cylinder

**Suitable for BMW 3-Series (E36) front axle wishbone.**

The tool set **KL-0039-762** enables the quick and trouble-free removal and installation of the outer suspension ball joint on the lower wishbone.

The removal and replacement of the outer suspension ball joint can be performed directly on the vehicle within a few minutes, without the need to remove the wishbone from the vehicle.

Scope of Delivery:**KL-0039-7620 Press Tool Set (short), BMW E36, with Hydraulic Cylinder**

Part No.	Description	Qty.
KL-0039-7620	Press Tool Set (short), BMW E36, without drive	1
KL-0040-2500	Hydraulic Cylinder 17t	1

Scope of Delivery:**KL-0039-7620 Press Tool Set (short), BMW E36, without drive**

Part No.	Description	Qty.
KL-0039-7623	Sleeve Set (short), BMW E36	1
KL-0039-1140	Press Frame (short)	1
KL-0039-1002	Retainer Adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1

Scope of Delivery:**KL-0039-7623 Set of Sleeves (short) BMW E36**

Part No.	Description	Qty.
KL-0043-8288-1	Press sleeve for BMW E36	1
KL-0043-8289-1	Support sleeve for BMW E36	1
KL-0039-1648	Press-/Support sleeve (short) Ø48 mm	1
KL-0039-1658	Press-/Support sleeve (short) Ø58 mm	1

Pulling Device BMW X5 with Hydraulic Cylinder

KL-0515-53

Suitable for BMW X5 front axle wishbone.

The pulling device **KL-0515-53** used in conjunction with a hydraulic pump such as **KL-0215-35 M25** allows the user to easily and safely extract and insert the silentbloc on the front axle wishbone.

With this tool, the removal of the front axle wishbone from the vehicle is no longer necessary.

Scope of Delivery:

KL-0515-53 Pulling Device BMW X5 with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0515-530	Set of Press-/Support Sleeves BMW X5	1
KL-0040-2500	Hydraulic Cylinder 17t	1
KL-0039-1003	Retainer adaptor for hydraulic cylinder with O-ring	1



Scope of Delivery:

KL-0515-530 Set of Press-/Support Sleeves BMW X5

Part No.	Description	Qty.
KL-0515-5301	Press piece	1
KL-0515-5302	Press piece	1
KL-0039-1776	Press/Support sleeve long Ø76 mm	1
KL-0039-1910	Pull spindle M10x1.25, with nut	1



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Pulling Device for Silentbloc

KL-0515-1

Suitable for the BMW silentbloc on the rear sub-frame E30 (3-Series models 1982 to 1990), E36 Compact / Z3, E28 (5-Series models 1981 to 1987), E34 (5-Series models 1988 to 1995), E32 (7-Series models 1986 to 1994).

Intended for use with mechanical drive.

The tool set **KL-0515-1** enables the quick, professional and safe extraction and insertion of tightly fitting silentblocs in-situ on the vehicle. With this tool, the removal of the rear sub-frame from the vehicle is no longer necessary.

Scope of Delivery:

KL-0515-1 Pulling Device for Silentbloc

Part No.	Description	Qty.
KL-0515-100	Pulling Device for Silentbloc without drive	1
KL-0515-1009	Spindle A	1
KL-0515-1010	Nut M20	1
KL-0515-1011	Nut M14	1
KL-0515-1015	Spindle E	1
KL-0035-0012	Axial bearing	1
KL-0035-0013	Circlip SB42	1
KL-0515-1016	Bearing unit insert	1



Scope of Delivery:

KL-0515-100 Pulling Device for Silentbloc without drive

Part No.	Description	Qty.
KL-0515-1001	Bearing Cover	1
KL-0515-1002	Housing	1
KL-0515-1003	Support ring S1	1
KL-0515-1004	Support ring S2	1
KL-0515-1005	Support ring S3	1
KL-0515-1006	Press piece A1	1
KL-0515-1007	Press piece A2	1
KL-0515-1008	Press piece A3	1
KL-0515-1012	Press piece E1	1
KL-0515-1013	Press piece E2	1
KL-0515-1014	Press piece E3	1

KL-0515-11

Pulling Device for Silentbloc

Suitable for the silentblocs on the rear sub-frame of BMW E30 (3-Series 1982 to 1990), E36 Compact / Z3

Intended for use with mechanical drive.

The tool set **KL-0515-11** enables the quick, professional and safe extraction and insertion of tightly fitting silentblocs in-situ on the vehicle. With this tool, the removal of the rear sub-frame from the vehicle is no longer necessary.

Scope of Delivery:

KL-0515-11 Pulling Device for Silentbloc

Part No.	Description	Qty.
KL-0515-110	Pulling Device for Silentbloc BMW E30, without Drive	1
KL-0515-1009	Spindle A	1
KL-0515-1010	Nut M20	1
KL-0515-1011	Nut M14	1
KL-0515-1015	Spindle E	1
KL-0035-0012	Axial bearing	1
KL-0035-0013	Circlip SB42	1
KL-0515-1016	Bearing unit insert	1



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KL-0515-2

Pulling Device for Silentbloc BMW E36 with Hydr. Cylinder

Suitable for BMW E36 (3 series 1990-1998), rear sub-frame (not suitable for E36 Compact / Z3).

The **pulling device KL-0515-2** allows all silentblocs (also differential silentblocs) on the rear sub-frame to be quickly and easily removed and replaced. With this tool, the removal of the sub-frame is not necessary.

Advantages:

- Substantial time savings can be achieved as the sub-frame does not have to be removed.
- Precise removal and insertion of the bushes due to the Hydraulic Cylinder **KL-0040-2500** included in the tool.

Scope of Delivery:

KL-0515-2 Pulling Device for Silentbloc BMW E36 with Hydr. Cylinder

Part No.	Description	Qty.
KL-0515-200	Pulling Device for Silentbloc BMW E36 without Hydr. Cylinder	1
KL-0040-2500	Hydraulic Cylinder 17t	1



Scope of Delivery:

KL-0515-200 Pulling Device for Silentbloc BMW E36 without Hydr. Cyl.

Part No.	Description	Qty.
KL-0515-2001	Support sleeve	1
KL-0515-2002	Press piece	1
KL-0515-2003	Support sleeve	1
KL-0515-2004	Press piece	1
KL-0515-2005	Support sleeve	1
KL-0515-2006	Support sleeve	1
KL-0515-2007	Press piece	1
KL-0515-2008	Support sleeve	1
KL-0515-2009	Press piece	1
KL-0039-1912-1	Pull spindle M12	1
KL-0350-2007	Hex shoulder nut M12	1

Pulling Device with Hydraulic Cylinder

KL-0515-3

Suitable for BMW E36, E46 (3-Series) Limousine, Touring and Convertible rear axle trailing arm (not suitable for E36 Compact / Z3).

Silentblocs and pivoting bearings on the rear axle trailing arm can be extracted and inserted within just a few minutes by using the pulling device **KL-0515-3**.

Even corroded silentblocs are no longer an issue. The extraction and insertion of the aluminium silentblocs of the earlier version "I" (E36) as well as of the latest split steel version "II" (E36, E46) are possible.

The work can be carried out without having to remove the rear axle trailing arm from the vehicle.

Scope of Delivery:

KL-0515-3 Pulling Device with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0040-2500	Hydraulic cylinder 17 t.	1
KL-0040-2552	Retainer adaptor for hydraulic cylinder with O-ring	1
KL-0515-300	Pulling device without Hydraulic Cylinder	1



Scope of Delivery:

KL-0515-300 Pulling Device without Hydraulic Cylinder

Part No.	Description	Qty.
KL-0515-3001	Support sleeve (silentbloc earlier version)	1
KL-0515-3002	Support sleeve (silentbloc latest version)	1
KL-0515-3003	Press piece	1
KL-0515-3004	Support sleeve	1
KL-0515-3005	Press piece	1
KL-0515-3006	Support sleeve (insertion)	1
KL-0040-2542	Pull spindle M12 with shoulder nut	1



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Pulling Device with Hydraulic Cylinder

KL-0515-4 A

Suitable for BMW E38 7-Series, E39 5-Series, E53 X5 (rear axle).

The pulling device **KL-0515-4 A** used in conjunction with a hydraulic pump allows the easy, professional and trouble-free extraction and insertion of the lower pivoting bearing on the wheel bearing housing without having to remove the wheel bearing housing from the vehicle.

Advantages:

- Substantial time savings of approx 1 - 2 hours.
- Easy to use.
- The hydraulic cylinder 17t. **KL-0040-2500** can be used on other KLANN tools to exert thrust or compression force.

Scope of Delivery:

KL-0515-4 A Pulling Device with hydraulic cylinder

Part No.	Description	Qty.
KL-0515-400 A	Pulling Device without hydraulic cylinder for BMW E38 rear axle	1
KL-0040-2500	Hydraulic cylinder 17t	1
KL-0039-1003	Retainer adaptor for hydraulic cylinder with O-ring	1



Scope of Delivery:

KL-0515-400 A Pulling Device without hydraulic cylinder

Part No.	Description	Qty.
KL-0515-4001 B	Support sleeve, removal	1
KL-0515-4002 A	Press piece, removal	1
KL-0515-4003 B	Support sleeve, installation	1
KL-0515-4004 A	Press sleeve, installation	1
KL-0039-1914	Pull spindle M14 with nut	1

KL-0515-51

Pulling Device with Hydraulic Cylinder

Suitable for BMW E39 (5-Series) rear sub-frame differential suspension.

For the quick and easy replacement of the two silentblocs (\varnothing -68 mm) on the rear axle differential-suspension.



Scope of Delivery:

KL-0515-51 Pulling Device with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0040-2500	Hydraulic cylinder 17 t	1
KL-0039-1003	Retainer Adaptor for Hydraulic Cylinder with O-ring	1
KL-0515-510	Pulling Device without Hydraulic Cylinder for BMW	1

Scope of Delivery:

KL-0515-510 Pulling Device without Hydraulic Cylinder

Part No.	Description	Qty.
KL-0515-5101	Support sleeve	1
KL-0515-5102	Support sleeve	1
KL-0039-1912	Pull Spindle M12, with Shoulder nut	1

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KL-0515-50

Pulling Device with Hydraulic Cylinder for BMW E39



Scope of Delivery:

KL-0515-50 Pulling Device with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0515-500	Bush Extractor without Hydr. Cyl.	1
KL-0040-2500	Hydraulic Cylinder 17 t	1
KL-0040-2590	Safety belt for Hydr. Cylinder KL-0040-2500	1

Scope of Delivery:

KL-0515-500 Pulling Device without Hydraulic Cylinder

Part No.	Description	Qty.
KL-0041-3801	Bridge	1
KL-0515-5002	Adaptor M42x2 to M34	1
KL-0040-2545-1	Puller Spindle M18	1
KL-0040-2545-3	Shoulder Nut M18	1
KL-0515-5000	Haken-, Druckstücksatz	1

Scope of Delivery:

KL-0515-5000 Hook and Press Piece Set

Part No.	Description	Qty.
KL-0515-5003	Hook (1pc) with clamp	2
KL-0515-5004	Press piece (extraction)	1
KL-0515-5005	Press piece (insertion)	1
KL-0515-5006	Support sleeve (insertion)	1

KL-0515-501

Upgrade Kit for BMW X5

Specially designed for BMW X5.

Used in conjunction with the pulling device **KL-0515-50** for the removal and replacement of the silentblocs on the rear sub-frame



Scope of Delivery:

KL-0515-501 Upgrade Kit

Part No.	Description	Qty.
KL-0515-5011	Press piece (extraction)	1
KL-0515-5012	Support sleeve (insertion)	1

Hydraulic Press Tool Set

(German Utility Model)

KL-0326-10 A

Suitable for Mercedes W163 (M-Class, front- / rear axle), W211 (E-Class 2002 onwards, front axle), W219 (CLS, front axle), W220 (S-Class, front axle), W230 (SL, front axle), W124 (E-Class, front axle) and W201 (190-Series, front axle).

The hydraulic press tool set **KL-0326-10 A** allows the suspension ball joint to be quickly and easily pressed into and out of the lower wishbone. The suspension ball joint can often be removed or installed directly on the vehicle within a few minutes, without having to dismount the wishbone.

Scope of Delivery: **KL-0326-10 A** Hydraulic Press Tool Set

Part No.	Description	Qty.
KL-0326-100 A	Hydraulic Press Frame	1
KL-0326-112 A	Set of Sleeves (W163 / W211 / W219 / W220 / W230)	1
KL-0326-131 A	Set of Sleeves (W124 / W201)	1

Scope of Delivery: **KL-0326-100 A** Hydraulic Press Frame

Part No.	Description	Qty.
KL-0326-1000	Press frame	1
KL-0040-2500	Hydraulic Cylinder 17t	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1

Scope of Delivery: **KL-0326-1000** Press Frame

Part No.	Description	Qty.
KL-0326-1001	Press frame	1
KL-0326-1002	Guide rail	1
KL-0326-1003	Hexagon socket screw M12 x 20	2

Scope of Delivery: **KL-0326-101 A** Hydraulic press tool set suspension ball joint without drive

Part No.	Description	Qty.
KL-0326-1000	Press Frame	1
KL-0326-112 A	Set of Sleeves (W163 / W211 / W219 / W220 / W230)	1
KL-0326-131 A	Set of Sleeves W124 / W201	1

Scope of Delivery: **KL-0326-131 A** Sleeve Set (W124 / W201)

Part No.	Description	Qty.
KL-0326-1311	Adaptor ring 3 with O-ring	1
KL-0326-1312	Adaptor ring 4 with O-ring	1
KL-0326-1313 A	Press piece (removal)	1
KL-0326-1314	Press piece (removal)	1

Scope of Delivery: **KL-0326-112 A** Sleeve Set (W163 / W211 / W219 / W220 / W230)

Part No.	Description	Qty.
KL-0326-1111	Adaptor ring 1 with O-ring	1
KL-0326-1211	Adaptor ring 2 with O-ring	1
KL-0039-1634	Press/Support sleeve short Ø34 mm	1
KL-0039-1642	Press/Support sleeve short Ø42 mm	1
KL-0039-1650	Press/Support sleeve short Ø50 mm	1
KL-0326-1313 A	Press piece (removal)	1

Hydraulic Press Tool Set W163

(German Utility Model)

KL-0326-11 A

Specially designed for Mercedes M-Class (W163).

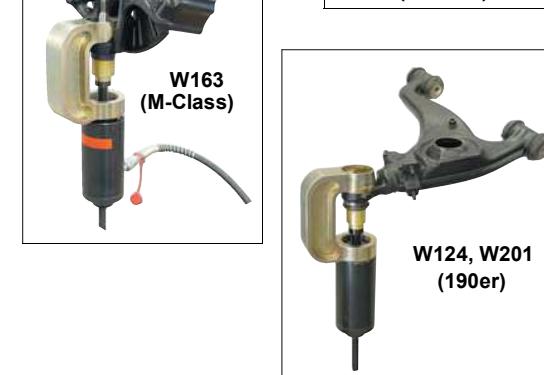
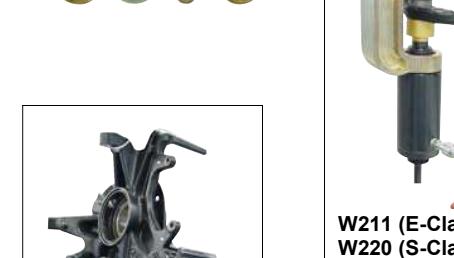
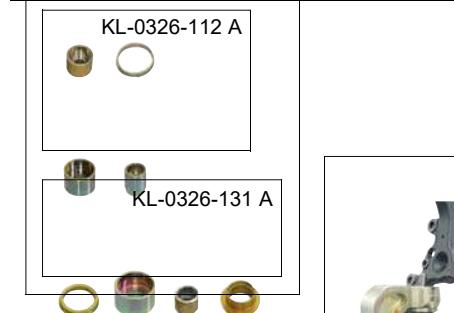
The hydraulic press tool set **KL-0326-11 A** allows the suspension ball joint to be quickly and easily pressed into and out of the lower wishbone. The ball joint can often be removed or installed directly on the vehicle within a few minutes, without having to dismount the wishbone.

Scope of Delivery: **KL-0326-11 A** Hydraulic Press Tool Set W163

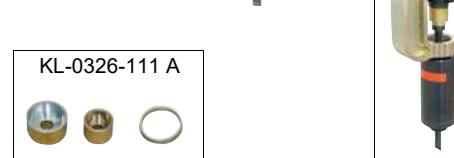
Part-No.	Description	Qty.
KL-0326-111 A	Sleeve set (W163)	1
KL-0326-1000	Press Frame	1
KL-0040-2500	Hydraulic Cylinder 17t.	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1

Scope of Delivery: **KL-0326-111 A** Set of Sleeves (W163)

Part-No.	Description	Qty.
KL-0326-1111	Adaptor ring 1 with O-ring	1
KL-0039-1642	Press/Support sleeve short Ø42 mm	1
KL-0326-1313 A	Press piece (removal)	1



W163 (M-Class)

W211 (E-Class)
W220 (S-Class)

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KL-0326-12 A

Hydraulic Press Tool Set W211 / W219 / W220 / W230 (German Utility Model)



Suitable for Mercedes E-Class (W211), CLS (W219), S-Class (W220) SL (W230).

The suspension ball joint can easily and quickly be pressed into and out of the lower wishbone with the press tool set **KL-0326-12 A**. The ball joint can often be removed or installed directly on the vehicle within a few minutes, without having to dismount the wishbone.

Scope of Delivery:

KL-0326-12 A Hydraulic Press Tool Set W211 / W219 / W220 / W230

Part No.	Description	Qty.
KL-0326-121 A	Sleeve set (W211 / W219 / W220 / W230)	1
KL-0326-1000	Press frame	1
KL-0040-2500	Hydraulic cylinder 17t	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1

Scope of Delivery:

KL-0326-121 A Sleeve Set (W211 / W219 / W220 / W230)

Part No.	Description	Qty.
KL-0326-1111	Adaptor ring 1 with O-ring	1
KL-0326-1211	Adaptor ring 2 with O-ring	1
KL-0039-1634	Press/Support sleeve short Ø34	1
KL-0039-1650	Press/Support sleeve short Ø50	1

KL-0326-13 A

Hydraulic Press Tool Set W124 / W201

(German Utility Model)

Suitable for Mercedes W124, W201 (190 Series).

The suspension ball joint can easily and quickly be pressed into and out of the lower wishbone with the press tool set **KL-0326-13 A**. The ball joint can often be removed or installed directly on the vehicle within a few minutes, without having to dismount the wishbone.

Scope of Delivery:

KL-0326-13 A Hydraulic Press Tool Set W124 / W201

Part No.	Description	Qty.
KL-0326-131 A	Sleeve Set (W124 / W201)	1
KL-0326-1000	Press frame	1
KL-0040-2500	Hydraulic cylinder 17t	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1

Scope of Delivery:

KL-0326-131 A Sleeve Set (W124 / W201)

Part No.	Description	Qty.
KL-0326-1311	Adaptor ring 3 with O-ring	1
KL-0326-1312	Adaptor ring 4 with O-ring	1
KL-0326-1313 A	Press piece (removal)	1
KL-0326-1314	Press piece (removal)	1

KL-0326-20

Toothed Socket



Suitable for Mercedes M-Class (W163).

For tightening the suspension ball joint fastening nut on the steering knuckle.

Technical Data:

Outer diameter:	63.0 mm
Inner diameter:	52.5 mm
Tooth Width:	7.5 mm
Weight:	500 g

Press Tool Set (short), MB, with hydr. cylinder

KL-0039-752

Suitable for Mercedes 190-Series (W201) W124 and W129 suspension ball joint on the front lower wishbone.

The press tool set **KL-0039-752** used in conjunction with a hydraulic pump such as **KL-0215-35 M25** enables a suspension ball joint to be quickly and easily pressed into and pressed out of the lower wishbone. Removal and installation of the ball joint can be carried out directly on the vehicle within a few minutes without the need to remove the wishbone from the vehicle.

Scope of Delivery:

KL-0039-752 Press Tool Set (short), MB, with hydr. cylinder

Part-No.	Description	Qty.
KL-0039-7520	Press Tool Set (short), MB, without drive	1
KL-0040-2500	Hydraulic cylinder 17t	1



KL-0039-7520



KL-0039-7523



Scope of Delivery:

KL-0039-7520 Press Tool Set (short), MB, without drive

Part-No.	Description	Qty.
KL-0039-7523	Sleeve set (short) MB	1
KL-0039-1140	Press frame (short)	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1



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Scope of Delivery:

KL-0039-7523 Sleeve Set (short) MB

Part-No.	Description	Qty.
KL-0039-1636	Press-/Support sleeve, short Ø36 mm	1
KL-0039-1658	Press-/Support sleeve, short Ø58 mm	1
KL-0039-1760	Press-/Support sleeve, long Ø60 mm	1

Press Tool Set (short) MB Sprinter with hydraulic cylinder

(Pat. e.g. US-Patent 7,020,944)

KL-0039-750

Designed for changing lower suspension ball joints on Mercedes Sprinter (904) models 1995 onwards and VW LT (2D) models 1996 onwards.

The press tool set **KL-0039-750** used in conjunction with the hydraulic pump **KL-0215-35 M25** or **KL-0215-37 M25** enables quick and trouble-free pushing out and pressing in of suspension ball joints on the lower wishbone. Replacement of the ball joint can be performed directly on the vehicle within a few minutes, without having to remove the wishbone from the vehicle.

⚠ Note:

Two different wishbones with two different suspension ball joints are used on Mercedes Sprinter and VW LT.

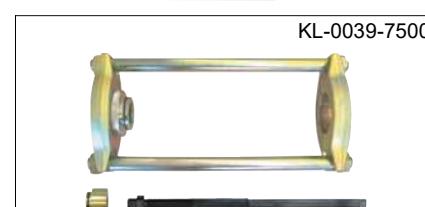
Scope of Delivery:

KL-0039-750 Press Tool Set (short) MB Sprinter with hydraulic cylinder

Part-No.	Description	Qty.
KL-0039-7500	Press Tool Set (short) MB Sprinter without hydraulic cylinder	1
KL-0040-2500	Hydraulic Cylinder 17 t	1



KL-0039-7500



KL-0039-7503



Ball joint extraction



Ball joint insertion

Scope of Delivery:

KL-0039-7500 Press Tool Set (short) without hydraulic cylinder

Part No:	Description	Qty.
KL-0039-7503	Sleeve Set (short) MB Sprinter	1
KL-0039-1140	Press frame (short)	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1930	Pressure spindle M20x350 mm with O-ring	1

Scope of Delivery:

KL-0039-7503 Sleeve Set (short) MB Sprinter

Part No.	Description	Qty.
KL-0039-1823	Support Sleeves with clamping disc for MB Sprinter	1
KL-0039-1662	Press-/Support sleeve short Ø62 mm	1
KL-0039-1762	Press-/Support sleeve long Ø62 mm	1
KL-0043-8531	Press sleeve	1

KL-0350-50 B

Pulling Device for Silentbloc



Suitable for Mercedes W171 (SLK), W203 (C-Class), W209 (CLK), W211 (E-Class) and W220 (S-Class) Front Axle.

Designed for the fast and safe extraction and insertion of silentblocs at the wishbone and at the thrust rod (W171, 203, 209 and 211) as well as at the wishbone (W220).

Scope of Delivery:**KL-0350-50 B Pulling Device for Silentbloc**

Part No.	Description	Qty.
KL-0350-500 B	Pulling device without hydr. cyl. for MB W220 / W211 / W203	1
KL-0040-2500	Hydraulic cylinder 17t	1
KL-0039-1003	Retainer adaptor for hydr. cylinder with O-ring	1

Scope of Delivery:**KL-0350-500 B Pulling Device without Hydr. Cyl. for MB W220 / W211 / W203**

Part No.	Description	Qty.
KL-0350-501 B	Sleeve set MB W220 / W211 / W203 (Silentbloc)	1
KL-0350-502 A	Sleeve set MB W220 / W211 (Aluminium washers)	1
KL-0039-1914	Pull spindle M14, with nut	1
KL-0039-1002	Retainer adapter for hex nut and pressure spindle with O-ring	1

Scope of Delivery:**KL-0350-501 B Sleeve Set MB W220 / W211 / W203 (Silentbloc)**

Part No.	Description	Qty.
KL-0350-5001	Support sleeve 80 mm	1
KL-0350-5004	Press piece	1
KL-0215-5503	Press sleeve	1

Scope of Delivery:**KL-0350-502 A Sleeve Set MB W220 / W211 (Aluminium washers)**

Part No.	Description	Qty.
KL-0039-1650	Press / Support sleeve short Ø50 mm	2
KL-0350-5003	Press piece	1

KL-0350-511 A

Sleeve Set with 2 Adaptors



Suitable for Mercedes W220 (S-Class) and W211 (E-Class) front axle.

The ball joint in the spring actuating arm (W211 - E-Class) or in the wishbone (W220 - S-Class) can easily and safely be pressed in and out with this press sleeve set in conjunction with the hydraulic bench press **KL-0145-80**.

Advantage

- Time savings of between 1 - 3 hours.
- The tool is easy to operate.

Scope of Delivery:**KL-0350-511 A Sleeve Set with 2 Adaptors**

Part No.	Description	Qty.
KL-0350-510 A	Sleeve set (MB W220 / W211)	1
KL-0039-1002	Retainer adaptor clamping nut and pressure spindle	2

**Scope of Delivery:****KL-0350-510 A Sleeve Set (MB W220 / W211)**

Part No.	Description	Qty.
KL-0350-5101	Support sleeve	1
KL-0350-5102	Press sleeve	1
KL-0039-1640	Press/support sleeve short 40 mm	1

Insertion Tool for Rubber Bush

KL-0350

Suitable for Mercedes W124 and W201 Front Axle.

Used to insert the front and rear torsion rubber bushes on the front wishbone. This tool allows the replacement of the torsion bushes without the need to dismount the wishbone. The automatic flaring of the aluminium sleeve occurs only when the correct compression of the bush has been achieved.

Advantage:

Time savings approx. 1 hour.



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Scope of Delivery:

KL-0350 Insertion Tool for Rubber Bush

Part No.	Description	Qty.
KL-0350-0001	Housing	1
KL-0350-0002	Pressure sleeve 1	1
KL-0350-0003	Pressure piece 1	1
KL-0350-0004	Pressure sleeve 2	1
KL-0350-0005	Pressure piece 2	1
KL-0350-0006	Spring washer	1
KL-0350-0007	Circlip B 75	1
KL-0350-0008	Thread spindle M10 x 230	1
KL-0350-0009	Hex shoulder nut M10	2
KL-0350-0010	Washer Ø10 mm	2
KL-0350-0011	Pressure piece 3	1
KL-0350-0012	Pressure piece 4	1

Pulling Device for silentbloc with Hydraulic Cylinder (MB W202)

KL-0350-1

Suitable for Mercedes W202 (C-Class) and W170 (SLK) Front Axle.

The KL-0350-1 allows both the split front silentbloc as well as the solid rear silentbloc to be quickly, easily and safely replaced on the front lower wishbone. Removal of the wishbone from the car is not necessary.

The Hydraulic Cylinder KL-0040-2500 used with the appropriate adaptors makes work easier, especially when the silentblocs are very tight-fitting or severely corroded.

Scope of Delivery:

KL-0350-1 Pulling Device for Silentbloc with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0350-100	Pulling device for silentbloc (MB W202)	1
KL-0040-2500	Hydraulic cylinder 17t	1



Scope of Delivery:

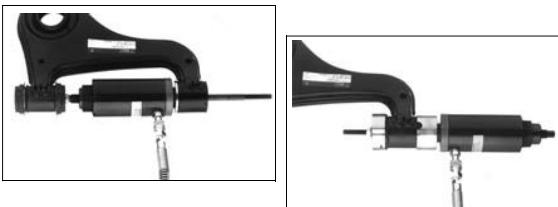
KL-0350-100 Pulling Device for Silentbloc (MB W202)

Part No.	Description	Qty.
KL-0350-1001	Support sleeve (removal)	1
KL-0350-1002	Press piece (removal)	1
KL-0350-1003	Press piece (installation)	1
KL-0350-1004	Support sleeve (installation)	1
KL-0039-1912-1	Pull spindle M12	1
KL-0040-2542-2	Shoulder nut M12	1
KL-0350-1101	Mandrel	1
KL-0350-1102	Press piece	2
KL-0350-0008	Thread spindle M10 x 230	1
KL-0350-0009	Hex shoulder nut M10	2
KL-0350-0010	Disc Ø10 mm	2



KL-0350-2

Pulling Device for Silentbloc with Hydraulic Cylinder (MB W210)



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Suitable for Mercedes W210 (E-Class) front axle.

For quick, easy and safe replacement of both the divided front silentbloc and also the solid compact rear silentbloc in the front lower wishbone. Removal of the wishbone from the car is not necessary.

Scope of Delivery: KL-0350-2 Pulling Device for Silentbloc with Hydr. Cyl.

Part No.	Description	Qty.
KL-0350-200	Pulling device for silentbloc (MB W210)	1
KL-0040-2500	Hydraulic cylinder 17t	1

Scope of Delivery: KL-0350-200 Pulling Device for Silentbloc

Part No.	Description	Qty.
KL-0350-2001	Support sleeve (removal)	1
KL-0350-2002	Set of supporting segments (3 pieces)	1
KL-0350-2004	Press piece (removal)	1
KL-0350-2005	Support sleeve (installation)	1
KL-0350-2006	Press piece (installation)	1
KL-0040-2542-2	Shoulder nut M12	1
KL-0039-1912-1	Pull spindle M12	1
KL-0350-2102	Guide sleeve	1
KL-0350-2103	Press piece (removal)	1
KL-0350-2104	Press piece	2
KL-0350-0008	Thread spindle M10 x 230	1
KL-0350-0009	Hex shoulder nut M10	2
KL-0350-0010	Disc Ø10 mm	2
KL-0350-2010	Press piece (removal)	1

KL-0350-40

Pulling Device for Silentbloc with Hydraulic Cylinder (MB Wishbone front axle)
(German Utility Model)

Suitable for Mercedes W140 (S-Class), W170 (SLK), W202 (C-Class) and W210 (E-Class) front axle wishbone.

The pulling device **KL-0350-40** is designed to remove and install the silentblocs on the front axle wishbone.

Thanks to the hydraulic drive with cylinder **KL-0040-2500**, even very tight fitting or severely corroded silentblocs can be removed and installed without any problems.

Scope of Delivery: KL-0350-40 Pulling Device for Silentbloc with Hydr. Cyl.

Part No.	Description	Qty.
KL-0350-400	Pulling Device for Silentbloc without Hydraulic Cylinder	1
KL-0040-2552	Adaptor M42x2 to Ø30 mm	1
KL-0040-2500	Hydraulic Cylinder 17t	1

Scope of Delivery: KL-0350-400 Pulling Device for Silentbloc without Hydr. Cyl.

Part No.	Description	Qty.
KL-0350-4001	Support sleeve	1
KL-0350-4002 A	Press piece	1
KL-0350-4003	Puller dome	1
KL-0350-4004	Press piece	2
KL-0350-4005	Press piece	2
KL-0350-4006	Support sleeve	1
KL-0350-4007	Puller dome	1
KL-0350-4008	Press piece	1
KL-0350-4009	Press piece	1
KL-0350-4010	Press piece	1
KL-0350-4011	Support sleeve	1
KL-0350-4012	Press piece	1
KL-0350-4013	Puller dome	1
KL-0350-4014	Press piece	1
KL-0350-4015	Puller dome	1
KL-0350-4016	Press piece	2
KL-0350-3006	Support sleeve (installation)	1
KL-0350-2002	Set of support segments (3 pieces)	1
KL-0040-2543-3	Spindle extension M14	1
KL-0039-1914-1	Pull spindle M14	1
KL-0040-2543-2	Shoulder nut M14	1

Pulling Device for Silentbloc with Hydraulic Cylinder (MB W140)
(German Utility Model)

KL-0350-41

Suitable for Mercedes S-Class (W140).

The pulling device **KL-0350-41** is designed to remove and install the silentblocs on the front axle wishbones.

Thanks to the hydraulic drive with cylinder **KL-0040-2500**, even very tight-fitting or severely corroded silentblocs can be removed and installed without any problems.



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Scope of Delivery:**KL-0350-41 Pulling Device for Silentbloc with Hydraulic Cylinder**

Part No.	Description	Qty.
KL-0350-4001	Support sleeve	1
KL-0350-410	Set of Sleeves (MB W140)	1
KL-0040-2543-3	Spindle extension M14	1
KL-0039-1914-1	Pull spindle M14	1
KL-0040-2543-2	Shoulder nut M14	1
KL-0040-2552	Adaptor M42x2 to Ø30 mm	1
KL-0040-2500	Hydraulic Cylinder 17t	1

Scope of Delivery:**KL-0350-410 Set of Sleeves**

Part No.	Description	Qty.
KL-0350-4011	Support sleeve	1
KL-0350-4012	Press piece	1
KL-0350-4013	Puller dome	1
KL-0350-4014	Press piece	1
KL-0350-4015	Puller dome	1
KL-0350-4016	Press piece	2
KL-0350-3006	Support sleeve (installation)	1
KL-0350-2002	Set of support segments (3 pieces)	1

Pulling Device for Silentbloc with Hydraulic Cylinder (MB W210)
(German Utility Model)

KL-0350-42

Suitable for Mercedes E-Class (W210).

The pulling device **KL-0350-42**, is designed to remove and install the silentblocs on the front axle wishbones.

Thanks to the hydraulic drive with cylinder **KL-0040-2500**, even very tight-fitting or severely corroded silentblocs can be removed and installed without any problems.

**Scope of Delivery:****KL-0350-42 Pulling Device for Silentbloc with Hydraulic Cylinder**

Part No.	Description	Qty.
KL-0350-420	Set of Sleeves (MB W210)	1
KL-0040-2543-3	Spindle extension M14	1
KL-0039-1914-1	Pulling spindle M14	1
KL-0040-2543-2	Shoulder nut M14	1
KL-0040-2552	Adaptor M42x2 to Ø30 mm	1
KL-0040-2500	Hydraulic Cylinder 17t	1

Scope of Delivery:**KL-0350-420 Set of Sleeves**

Part No.	Description	Qty.
KL-0350-4005	Press piece	2
KL-0350-4006	Support sleeve	1
KL-0350-4007	Puller dome	1
KL-0350-4008	Press piece	1
KL-0350-4009	Press piece	1
KL-0350-4010	Press piece	1
KL-0350-4011	Support sleeve	1
KL-0350-2002	Set of support segments (3 pieces)	1

KL-0350-43

**Pulling Device for Silentbloc with Hydraulic Cylinder (MB W202, W170)
(German Utility Model)**

Suitable for Mercedes C-classe (W202) and SLK (W170).

The pulling device **KL-0350-43**, is designed to remove and install the silentblocs on the front axle wishbones.

Thanks to the hydraulic drive with cylinder **KL-0040-2500**, even very tight-fitting or severely corroded silentblocs can be removed and installed without any problems.

Scope of Delivery:
KL-0350-43 Pulling Device for Silentbloc with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0350-430	Set of Sleeves (MB W202, W170)	1
KL-0040-2543-3	Spindle extension M14	1
KL-0039-1914-1	Pulling spindle M14	1
KL-0040-2543-2	Shoulder nut M14	1
KL-0040-2552	Adaptor M42x2 to Ø30	1
KL-0040-2500	Hydraulic Cylinder 17t	1

Scope of Delivery:
KL-0350-430 Set of Sleeves

Part No.	Description	Qty.
KL-0350-4001	Support sleeve	1
KL-0350-4002 A	Press piece	1
KL-0350-4003	Puller dome	1
KL-0350-4004	Press piece	2
KL-0350-4005	Press piece	2
KL-0350-4006	Support sleeve	1
KL-0350-4007	Puller dome	1
KL-0350-4008	Press piece	1

KL-0350-44

Pulling Device for Silentbloc with Hydraulic Cylinder (German Utility Model)

Suitable for Mercedes SLK (W170), E-Class (W210) and C-Class (W202).

The pulling device **KL-0350-44** is designed to remove and install the silentblocs on the front axle wishbones.

Thanks to the hydraulic drive with cylinder **KL-0040-2500**, even very tight-fitting or severely corroded silentblocs can be removed and installed without any problems.

Scope of Delivery:
KL-0350-44 Pulling Device for Silentbloc with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0350-440	Sleeve Set (MB W210, W202, W170)	1
KL-0039-1914-1	Pulling spindle M14	1
KL-0040-2543-2	Shoulder nut M14	1
KL-0040-2543-3	Spindle extension M14	1
KL-0040-2552	Adaptor M42x2 to Ø30	1
KL-0040-2500	Hydraulic Cylinder 17t	1

Scope of Delivery:
KL-0350-440 Sleeve Set

Part No.	Description	Qty.
KL-0350-4001	Support sleeve	1
KL-0350-4002 A	Press piece	1
KL-0350-4003	Puller dome	1
KL-0350-4004	Press piece	2
KL-0350-4005	Press piece	2
KL-0350-4006	Support sleeve	1
KL-0350-4007	Puller dome	1
KL-0350-4008	Press piece	1
KL-0350-4009	Press piece	1
KL-0350-4010	Press piece	1
KL-0350-4011	Support sleeve	1
KL-0350-2002	Set of support segments (3 pieces)	1

Pulling Device for Pivoting Bearings

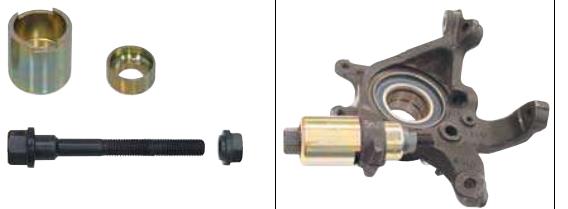
KL-0043-11 A

Suitable for Mercedes 190 series (W201), C-Class (W202, W203), CLK (W208, W209), S-Class (W210), W124 and W140 rear axle.

The pulling device **KL-0043-11 A** enables the easy, quick and safe removal and replacement of pivoting bearings from and into the wheel bearing housing on the rear axle, without the need to dismantle the wheel bearing housing.

Specification: KL-0043-11 A Pulling Device for pivoting bearings

Part No.	Description	Qty.
KL-0043-110	Housing	1
KL-0043-1102	Spindle	1
KL-0043-1104	Press piece	1
KL-0043-1105	Shoulder nut M14	1



Pulling Device for Rubber Bearings

KL-0352

Suitable for inner rubber bearings on the lower wishbone at the rear axle on Mercedes W201 and W124.

The pulling device **KL-0352** allows quick and accurate replacement of the inner rubber bearings on the lower rear wishbone. This tool is not intended for use with silentbloc bushes (rubber bearings with metal outer housing).

Scope of Delivery: KL-0352 Pulling Device for Rubber Bearings

Part No.	Description	Qty.
KL-0352-0001	Housing (open)	1
KL-0352-0002	Guide sleeve	1
KL-0352-0003	Press piece	1
KL-0352-0004	Axial bearing	1
KL-0016-0006	Circlip SB 26	1
KL-0352-0006	Hex shoulder nut	1
KL-0352-0007	Spindle M12 x 210	1



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Pulling Device for Pivoting Bearings with Hydraulic Cylinder

KL-0352-1 A

Suitable for Mercedes W124, W140, W201, W202, W203, W208, W209 and W210 rear axle.

The pulling device **KL-0352-1 A** used in conjunction with a hydraulic pump such as **KL-0215-35 M25** allows easy, fast, and safe removal and replacement of pivoting bearings on the rear axle wheel bearing housing without having to remove the latter from the vehicle. Even extremely seized or heavily corroded pivoting bearings are no issue by using the hydraulic cylinder **KL-0040-2500**.

Specification: KL-0352-1 A Pulling Device for Pivoting Bearings with Hydr. Cyl.

Part No.	Description	Qty.
KL-0352-100 A	Pulling device for pivoting bearings without hydraulic cylinder	1
KL-0039-1003	Retainer adaptor for hydr. cylinder with O-ring	1
KL-0040-2500	Hydraulic cylinder 17 t	1



Scope of Delivery: KL-0352-100 A Pulling Device for Pivoting Bearing without Hydraulic Cylinder

Part No.	Description	Qty.
KL-0352-1001	Support sleeve, removal	1
KL-0043-1104	Press piece, removal	1
KL-0043-1105	Shoulder nut M14	1
KL-0039-1914-1	Pull spindle M14	1



Pulling Device for Trailing Arm Bearing A-Class (W168)

KL-0357-10

Suitable for Mercedes A-Class (W168) Rear Trailing Arm.

Allows precise extraction and insertion of the inner and outer Taper Roller Bearings and Seals.

Scope of Delivery: KL-0357-10 Pulling Device for Trailing Arm Bearing

Part No.	Description	Qty.
KL-0357-1001	Mandrel Ø16 mm for shaft	1
KL-0357-1002	Mandrel Ø21 mm for plastic sleeve	1
KL-0357-1003	Pressure disc	1
KL-0357-1004	Pressure disc	1
KL-0040-3004	Axial bearing	1
KL-0040-3005	Circlip SB35	1
KL-0357-1005	Spindle M12 x 190	1
KL-0357-1006	Shoulder nut M12	1
KL-0357-1007	Press sleeve	1
KL-0357-1011	Collet chuck with support sleeve	1
KL-0357-1016	Clamp sleeve	1



KL-0356-11

Pulling Device for Silentblocs with hydraulic cylinder



KL-0356-110



KL-0356-111



Suitable for Mercedes W202 (C-Class) and W208 (CLK) rear axle sub-frame.

The Pulling Device **KL-0356-11** allows fast removal and replacement of all silentblocs on the rear axle sub-frame (including the differential mounting bushes) without having to remove the rear axle sub-frame from the vehicle.

Scope of Delivery: KL-0356-11 Pulling Device for Silentblocs with hydr. cyl.

Part No.	Description	Qty
KL-0040-2500	Hydraulic-Cylinder 17 t	1
KL-0040-2552	Adaptor M42x2 to Ø30 mm	1
KL-0356-110	Pulling device without hydraulic cylinder	1

Scope of Delivery: KL-0356-110 Pulling device without hydraulic cylinder

Part No.	Description	Qty.
KL-0040-2542-2	Shoulder nut M12	1
KL-0356-111	Sleeve set (MB W202)	1
KL-0039-1912-1	Pull spindle M12	1

Scope of Delivery: KL-0356-111 Sleeve set

Part No.	Description	Qty.
KL-0356-1101	Support sleeve	1
KL-0356-0005	Adaptor ring	1
KL-0356-1102	Press sleeve	1
KL-0356-1103	Press piece	1
KL-0356-1104	Press piece	1
KL-0356-1105	Support plate	1
KL-0356-1106	Press piece	1
KL-0356-1107	Support sleeve	1
KL-0356-1108	Support sleeve	1
KL-0356-1109	Press sleeve	1
KL-0355-2002	Support ring	1

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KL-0356-12

Pulling Device for silentblocs with hydraulic cylinder (MB W210)



KL-0356-120



Suitable for Mercedes E-Class (W210) rear sub-frame.

The tool set **KL-0356-12** enables the quick removal and replacement of **all** silentblocs on the rear axle sub-frame including differential mounting bushes without having to remove the rear axle sub-frame from the vehicle.

Scope of Delivery: KL-0356-12 Pulling Device for silentblocs with hydr. cyl.

Part No.	Description	Qty.
KL-0040-2500	Hydraulic cylinder 17 t	1
KL-0040-2552	Adaptor M42x2 to Ø 30 mm	1
KL-0356-120	Pulling device without hydraulic cylinder	1

Scope of Delivery: KL-0356-120 Pulling device without hydraulic cylinder

Part No.	Description	Qty.
KL-0040-2542	Pull spindle M12 with nut	1
KL-0356-121	Sleeve set (MB W210)	1

Scope of Delivery: KL-0356-121 Sleeve set

Part No.	Description	Qty.
KL-0356-1201	Support sleeve	1
KL-0356-1202	Press piece	1
KL-0356-1203	Press piece	1
KL-0356-1204	Support sleeve	1
KL-0356-1205	Support sleeve	1
KL-0356-1206	Press sleeve	1
KL-0356-1207	Tension segment	2
KL-0356-1208	Mandrel	1
KL-0356-1209	Press piece	1
KL-0356-1105	Support disc	1
KL-0356-1108	Support sleeve	1
KL-0356-1211	Press sleeve	1
KL-0356-1212	Press piece	1

**Note:**

The use of the safety belt **KL-0040-2590** is always recommended when working with the hydraulic cylinder **KL-0040-2500** on the vehicle.

Pulling Device for MB W211, mechanical

KL-0356-139

Suitable for Mercedes E-Class (W211) rear axle sub-frame.

The mechanical pulling device **KL-0356-139** enables the quick removal and installation of all silentblocs on the rear sub-frame (including differential mounting bushings) without having to remove the rear axle sub-frame from the vehicle.

Scope of Delivery:

KL-0356-139 Pulling Device for MB W211, mechanical

Part No.	Description	Qty.
KL-0356-138	Sets of Sleeves with Spindle and Nut (MB W211)	1
KL-0039-1011	Retainer adaptor for mechanical spindle	2

Scope of Delivery:

KL-0356-138 Sets of Sleeves with Spindle and Nut (MB W211)

Part No.	Description	Qty.
KL-0356-130 A	Set of Sleeves for rubber bearings	1
KL-0039-2012	Pulling spindle M12, with nuts	1
KL-0014-0030	Molybdenum disulphide paste 50g	1

Scope of Delivery:

KL-0356-130 A Set of Sleeves for rubber bearings

Part No.	Description	Qty.
KL-0356-132 A	Set of Sleeves for rubber bearings Ø75.5 / Ø90 mm	1
KL-0356-133 A	Set of Sleeves for differential bearing Ø66 mm	1
KL-0356-134 A	Set of Sleeves for suspension arm / wishbone Ø51 mm	1

Scope of Delivery:

KL-0356-132 A Set of Sleeves for rubber bearings Ø75.5 / Ø90 mm

Part No.	Description	Qty.
KL-0356-1201	Support sleeve	1
KL-0356-1203	Press piece	1
KL-0356-1208	Mandrel	1
KL-0356-1311	Press piece	1
KL-0356-1312 A	Support sleeve	1
KL-0356-1321	Press piece	1
KL-0356-1322	Tension segment	2
KL-0356-1323	Press piece	1
KL-0356-1324	Support sleeve	1
KL-0039-1012	Extension for Adaptor 50mm with O-ring	1

Scope of Delivery:

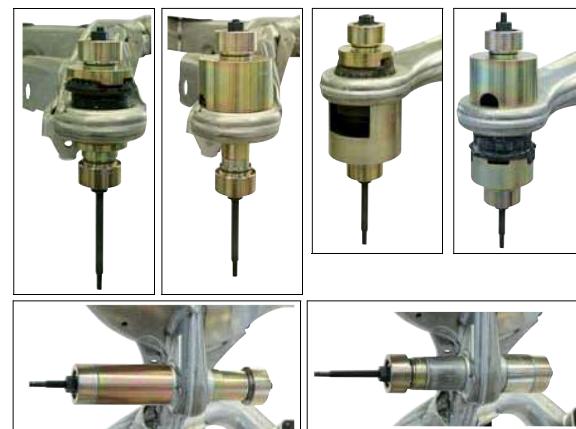
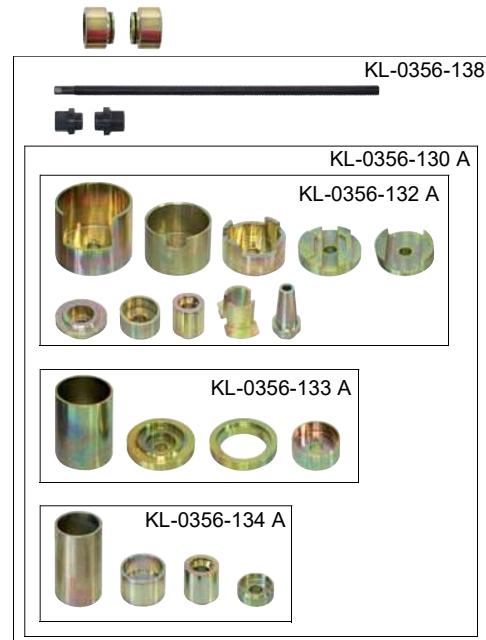
KL-0356-133 A Set of Sleeves for differential bearing Ø66 mm

Part No.	Description	Qty.
KL-0356-1211	Press sleeve	1
KL-0356-1331	Support Ring	1
KL-0356-1332	Support Sleeve	1
KL-0039-1780	Press/Support sleeve long Ø80	1

Scope of Delivery:

KL-0356-134 A Set of Sleeves for suspension arm / wishbone Ø51 mm

Part No.	Description	Qty.
KL-0356-1341	Press Piece	1
KL-0039-1660	Press/Support sleeve short Ø60	1
KL-0039-1760	Press/Support sleeve long Ø60	1
KL-0039-1012	Extension for Adaptor 50mm with O-ring	1



Pulling Device for Silentbloc

KL-0355-1

Suitable for Mercedes W124 rear sub-frame.

For the extraction and insertion of silentblocs on the rear sub-frame (Differential mounting).

Advantage:

Silentblocs can be replaced without having to remove the differential.

Scope of Delivery:

KL-0355-1 Pulling Device for Silentbloc

Part No.	Description	Qty.
KL-0355-0001	Housing	1
KL-0355-0002	Pressure Disc A	1
KL-0355-0003	Pressure Disc E	1
KL-0043-1102	Spindle	1
KL-0043-1105	Shoulder Nut M14	1
KL-0040-3004	Axial bearing	1
KL-0040-3005	Circlip SB35	1



KL-0355-2

Pulling Device for Silentbloc



Suitable for Mercedes W140 and W202 rear sub-frame.

For the extraction and insertion of silentblocs on the rear sub-frame (Differential mounting).

Scope of Delivery:

KL-0355-2 Pulling Device for Silentbloc

Part No.	Description	Qty.
KL-0355-2001	Housing for KL-0355-2	1
KL-0355-2002	Support Ring	1
KL-0355-2003	Press piece for KL-0355-2	1
KL-0355-2004	Spindle for KL-0355-2	1
KL-0040-3004	Axial bearing	1
KL-0040-3005	Circlip SB35	1

KL-0356-1

Pulling Device



Suitable for Mercedes W124 and W201.

Intended for the replacement of both front and rear rubber bearings on the suspension points of the rear sub-frame.

Advantage:

This tool allows the user to replace rubber bearings in-situ on the vehicle without having to remove the rear sub-frame.

Scope of Delivery:

KL-0356-1 Pulling Device

Part No.	Description	Qty.
KL-0356-0001	Housing	1
KL-0014-0014	Axial bearing	2
KL-0356-0004	Circlip SB42	2
KL-0356-0005	Adaptor ring	1
KL-0350-0008	Thread spindle M10 x 230	1
KL-0356-0007	Knurled nut	1
KL-0356-0008	Bearing cover (small)	1
KL-0356-0009	Press piece	1
KL-0356-0010	Spacer ring	1
KL-0356-0011	Pressure plate	1
KL-0356-0012	Pressure plate	1
KL-0350-0009	Hex shoulder nut M10	1

KL-0610-11 L

Hydraulic Press Tool Set



Suitable for Ford Fiesta [IV] (model 95 - '02) / Puma front axle.

Essential for the quick and safe removal and replacement of silentblocs at the front axle. Even heavily corroded silentblocs can be pressed out and pressed in within a few minutes by using this tool.

Scope of Delivery:

KL-0610-11 L Hydraulic Press Tool Set

Part No.	Description	Quantity
KL-0040-2500	Hydraulic cylinder 17t	1
KL-0610-110 L	Press tool set without hydraulic cylinder	1

Scope of Delivery:

KL-0610-110 L Hydraulic Press Tool Set without hydraulic cylinder

Part No.	Description	Quantity
KL-0610-111	Sleeve set	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1
KL-0039-1140	Press frame, short	1

Scope of Delivery:

KL-0610-111 Sleeve Set

Part No.	Description	Quantity
KL-0610-1111	Press piece	1
KL-0039-1782	Press- /Support sleeve, long Ø 82 mm	1



Pulling Device Ford Mondeo with hydraulic cylinder

KL-0610-10 A

Suitable for Ford Mondeo II (model 1996 to 2000) front axle.

The pulling device **KL-0610-10 A** enables quick and safe removal and replacement of both silentblocs on the front wishbone.Scope of Delivery: **KL-0610-10 A** Pulling Device Ford Mondeo with hydraulic cylinder

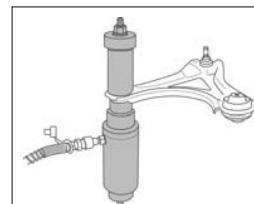
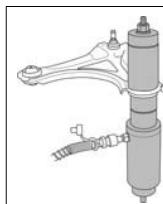
Part No.	Description	Qty.
KL-0610-100 A	Pulling Device Ford Mondeo without hydraulic cylinder	1
KL-0039-1003	Retainer adaptor for hydraulic cylinder with O-ring	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1
KL-0040-2500	Hydraulic cylinder 17t	1

Scope of Delivery: **KL-0610-100 A** Pulling Device Ford Mondeo without hydraulic cylinder

Part No.	Description	Qty.
KL-0039-1646	Press-/Support sleeve short Ø46 mm	1
KL-0039-1658	Press-/Support sleeve short Ø58 mm	1
KL-0039-1756	Press-/Support sleeve long Ø56 mm	1
KL-0039-1768	Press-/Support sleeve long Ø68 mm	1
KL-0039-1912	Pull spindle M12 with nut	1



KL-0610-100 A



Hydraulic Press Tool Set

KL-0626-10

Suitable for Ford Transit from 2002 onwards front axle.

The support ball joint can be pressed out of or into the wheel bearing housing quickly and without any difficulty by using press tool set **KL-0626-10**. The support ball joint can be removed or installed in-situ on the vehicle within just a few minutes, without the wheel bearing housing having to be removed.Scope of Delivery: **KL-0626-10** Hydraulic Press Tool Set

Part No.	Description	Qty.
KL-0626-100	Hydraulic press tool set	1
KL-0040-2500	Hydraulic cylinder 17t	1
KL-0040-2510	Pressure spindle	1

Scope of Delivery: **KL-0626-100** Hydraulic Press Tool Set without Hydr. Cyl.

Part No.	Description	Qty.
KL-0626-1001	Press frame	1
KL-0626-1002	Collar screw	1
KL-0174-559	Adaptor 2 1/4"-14UNS to 2 1/4"-14UNS	1
KL-0626-1003	Press piece (removal) Ø: 38mm	1
KL-0626-1004	Support sleeve (removal) Ø: 66.5mm	1
KL-0626-1005	Support sleeve (installation) Ø: 54mm	1
KL-0626-1006	Press piece (installation) Ø: 56mm	1



Hydraulic Press Tool Set

KL-0610-12 L

Suitable for Ford Fiesta [IV] (model '95 - '02) / Puma rear axle.

Essential for the quick and safe removal and replacement of silentblocs at the rear axle. Even heavily corroded silentblocs can be pressed out and pressed in within a few minutes by using this tool.

Scope of Delivery: **KL-0610-12 L** Hydraulic Press Tool Set

Part No.	Description	Quantity
KL-0040-2500	Hydraulic cylinder 17t	1
KL-0610-120 L	Press Tool Set without hydraulic cylinder	1

Scope of Delivery: **KL-0610-120 L** Hydraulic Press Tool Set without hydr. cyl.

Part No.	Description	Quantity
KL-0610-121	Sleeve set	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle	1
KL-0039-1930	Pressure spindle M20 x 350 mm (pin-Ø 20 mm)	1
KL-0039-1140	Press frame, short	1



KL-0610-120 L

Scope of Delivery: **KL-0610-121** Sleeve set

Part No.	Description	Quantity
KL-0610-1211	Press piece	1
KL-0039-1672	Press-/Support sleeve short, Ø 72 mm	1
KL-0039-1772	Press-/Support sleeve long, Ø 72 mm	1

KL-0610-13 L

Hydraulic Press Tool Set



Suitable for Ford Focus and Volvo C30, S40, V50 ('07 onwards) rear axle trailing arm.

Essential for the quick and safe removal and replacement of silentblocs on the rear axle trailing arm. Removal of the trailing arm from the vehicle is necessary.

Scope of Delivery: KL-0610-13 L Hydraulic Press Tool Set

Part No.	Description	Quantity
KL-0610-130 L	Press tool set without hydraulic cylinder	1
KL-0040-2500	Hydraulic cylinder 17t	1

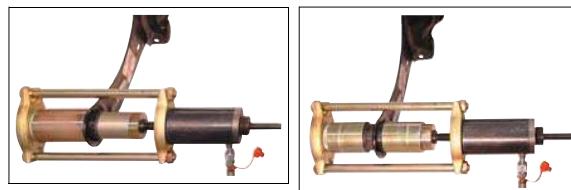
Scope of Delivery: KL-0610-130 L Hydraulic Press Tool Set without hydraulic cylinder

Part No.	Description	Quantity
KL-0610-131	Sleeve set	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1
KL-0039-1140	Press frame, short	1

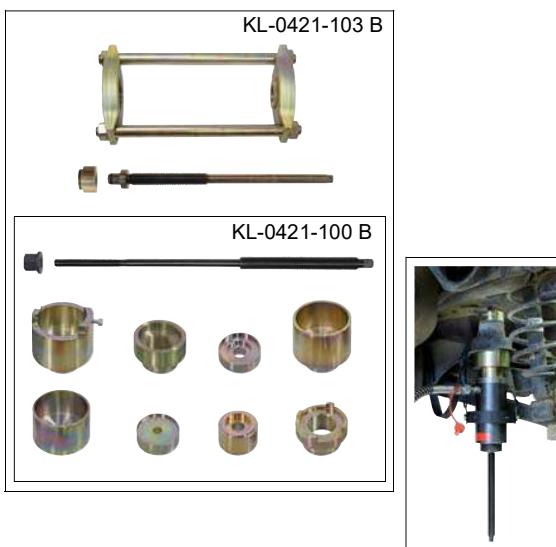
Scope of Delivery: KL-0610-131 Sleeve Set

Part No.	Description	Quantity
KL-0610-1311	Press sleeve	1
KL-0610-1312	Press sleeve	1
KL-0610-1313	Support sleeve	1
KL-0039-1774	Press-/Support sleeve long Ø 74 mm	1

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KL-0421-1 B Tool Set for Silentblocs Vauxhall/Opel Vectra with Hydr. Cyl.



Suitable for Vauxhall/Opel Vectra B model 1995 onwards rear axle trailing arm and rear axle sub-frame.

The tool set **KL-0421-1 B** used in conjunction with a hydraulic pump is indispensable for the quick, trouble-free and professional removal and installation of the silentblocs on the rear axle trailing arm or the rear axle sub-frame. Allows the user to remove and install the silentblocs within just a few minutes without having to remove the rear axle trailing arm or the rear axle sub-frame from the vehicle.

Advantages:

- Substantial time savings of approx. 1 to 2 hours.
- Facilitates working, no need to remove the rear axle trailing arm and rear axle sub-frame from the vehicle.
- The hydraulic cylinder (17 t) **KL-0040-2500** can be used universally on other KLANN tools to exert pulling or pushing force.

Scope of Delivery: KL-0421-1 B Tool Set for Silentblocs with Hydr. Cyl.

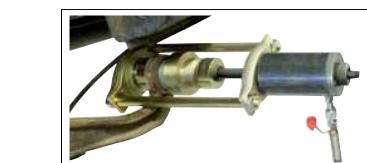
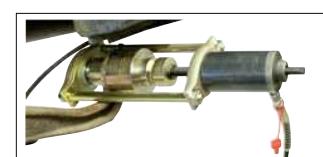
Part No.	Description	Qty.
KL-0421-103 B	Tool Set for Silentblocs without Hydr. Cyl.	1
KL-0040-2500	Hydraulic Cylinder 17t	1

Scope of Delivery: KL-0421-103 B Tool Set for Silentblocs without Hydr. Cyl.

Part No.	Description	Qty.
KL-0421-100 B	Tool Set for Silentblocs with spindle	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1
KL-0039-1140	Press frame, short	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1

Scope of Delivery: KL-0421-100 B Tool Set for Silentblocs with Spindle

Part No.	Description	Qty.
KL-0421-1001-1	Support sleeve for trailing arm with Adaptor	1
KL-0421-1003-1	Press piece for trailing arm with Adaptor	1
KL-0421-1004	Support sleeve for trailing arm	1
KL-0421-1005	Support sleeve for rear sub-frame	1
KL-0421-1006	Press piece for rear sub-frame	1
KL-0421-1007	Support sleeve for rear sub-frame	1
KL-0421-1008	Press piece for rear sub-frame	1
KL-0421-1010	Press piece for trailing arm	1
KL-0350-2007	Hex shoulder nut M12	1
KL-0039-1912-1	Pull spindle M12	1



Pulling Device for Silentblocs

KL-0421-11 B

Suitable for Opel/Vauxhall Vectra B model 1995 onwards rear sub-frame.

The tool set **KL-0421-11 B** used in conjunction with the hydraulic pump **KL-0215-35 M25** is indispensable for the quick, trouble-free and professional removal and installation of the silentblocs on the rear axle sub-frame. Allows the user to remove and install the silentblocs within just a few minutes without having to remove the rear axle trailing arm or the rear axle sub-frame from the vehicle.

Scope of Delivery:

KL-0421-11 B Pulling Device for Silentblocs

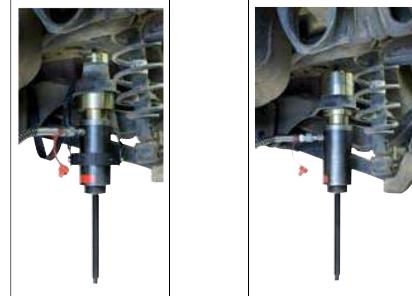
Part No.	Description	Qty.
KL-0421-110 B	Pulling Device for Silentblocs without hydr. cyl.	1
KL-0040-2500	Hydraulic Cylinder 17t	1



Scope of Delivery:

KL-0421-110 B Pulling Device for Silentblocs without hydr. cyl.

Part No.	Description	Qty.
KL-0421-1005	Support sleeve for rear sub-frame	1
KL-0421-1006	Press piece for rear sub-frame	1
KL-0421-1007	Support sleeve for rear sub-frame	1
KL-0421-1008	Press piece for rear sub-frame	1
KL-0039-1912-1	Pulling spindle M12	1
KL-0350-2007	Hex shoulder nut M12	1



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Press Tool Set (short) for silentblocs

KL-0421-12 B

Suitable for Opel/Vauxhall Vectra B model 1995 onwards rear axle trailing arm.

The tool set **KL-0421-12 B** used in conjunction with the hydraulic pump **KL-0215-35 M25** is indispensable for the quick, trouble-free and professional removal and installation of the silentblocs on the rear axle trailing arm. Allows the user to remove and install the silentblocs within just a few minutes without having to remove the rear axle trailing arm or the rear axle sub-frame from the vehicle.

Scope of Delivery:

KL-0421-12 B Press Tool Set (short) for silentblocs

Part No.	Description	Qty.
KL-0421-121 B	Press Tool Set (short) for silentblocs Vauxhall/Opel Vectra trailing arm without hydr. cyl.	1
KL-0040-2500	Hydraulic Cylinder 17t	1



Scope of Delivery:

KL-0421-121 B Press Tool Set (short) for silentblocs without hydr. cyl.

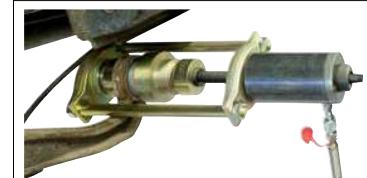
Part No.	Description	Qty.
KL-0421-120 B	Set of Sleeves Vauxhall/Opel Vectra trailing arm	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1
KL-0039-1140	Press frame, short	1



Scope of Delivery:

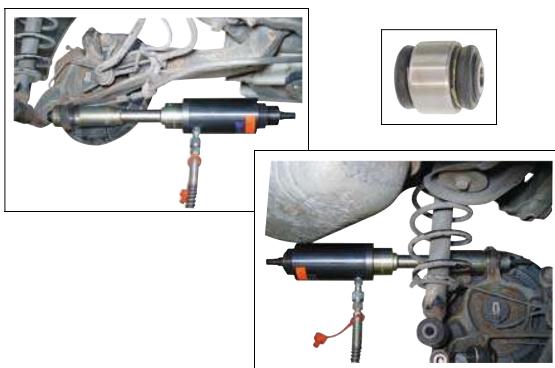
KL-0421-120 B Set of Sleeves

Part No.	Description	Qty.
KL-0421-1001-1	Support sleeve for trailing arm with adaptor	1
KL-0421-1010	Press piece for trailing arm	1
KL-0421-1003-1	Press piece for trailing arm with adaptor	1
KL-0421-1004	Support sleeve for trailing arm	1



KL-0421-2 A

Pulling Device for ball joints



Suitable for Vauxhall/Opel Vectra model 1995 onwards rear axle trailing arm.

The tool set **KL-0421-2 A** enables the removal and installation of the upper and lower ball joint on the rear axle trailing arm within just a few minutes without the need to remove the trailing arm from the vehicle.

Scope of Delivery:

KL-0421-2 A Pulling Device for ball joints

Part No.	Description	Qty.
KL-0421-200 A	Pulling Device for ball joints Vauxhall/Opel Vectra without hydr. cyl.	1
KL-0040-2500	Hydraulic Cylinder 17t	1
KL-0040-2552	Adaptor M42x2 to Ø30 mm	1

Scope of Delivery:

KL-0421-200 A Pulling Device for ball joints without hydr. cyl.

Part No.	Description	Qty.
KL-0421-2001	Support sleeve 52 mm	1
KL-0421-2002	Press piece (removal)	1
KL-0421-2003	Support sleeve (installation)	1
KL-0421-2004	Press sleeve 46 mm	1
KL-0421-2005	Shoulder nut M12 (flat)	1
KL-0421-2006	Extension	1
KL-0039-1912-1	Pull spindle M12	1

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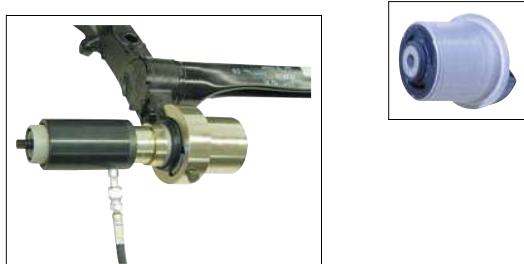
KL-0421-3

Pulling device Opel Astra with Hydraulic Cylinder

(Patented)

Suitable for Vauxhall/Opel Astra (2003 onwards) rear axle.

Indispensable for the quick and safe removal and replacement of silentblocks on the rear axle, without removing the latter.



Scope of Delivery:

KL-0421-3 Pulling device Opel Astra with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0040-2500	Hydraulic cylinder 17t	1
KL-0040-2552	Adaptor M42x2 to Ø30	1
KL-0421-300	Pulling device Opel Astra without Hydraulic Cylinder	1

Scope of Delivery:

KL-0421-300 Pulling device Opel Astra without hydraulic cylinder

Part No.	Description	Qty.
KL-0040-2542	Pull spindle M12 with nut	1
KL-0421-3001	Support sleeve with clamping jaw	1
KL-0421-3002	Press piece	1
KL-0421-3003	Press piece	1
KL-1001-1002	Support sleeve short	1

Press Tool Set (short) with Hydraulic Cylinder

KL-0039-710

Suitable for Renault Master II (1998 onwards) and Opel Vauxhall Movano I (1998 onwards) front axle

The press tool set **KL-0039-710** in conjunction with the hydraulic pump **KL-0215-35 M25** or **KL-0215-37 M25** allows quick, professional and safe removal and replacement of ball joints on the front upper and lower wishbone.

This tool enables even heavily corroded ball joints to be pressed in and pushed out within a few minutes.

The removal of the upper or lower wishbone is not necessary.

Advantages:

- Substantial time savings of approx. 1 to 2 hours
- Quick and professional pressing out and pressing in of suspension ball joints
- Hydraulic cylinder 17t **KL-0040-2500** can be used on other KLANN tools to exert thrust or compression force

Scope of Delivery:**KL-0039-710 Press Tool Set (short) with Hydraulic Cylinder**

Part-No.	Description	Qty.
KL-0039-7100	Press Tool Set without hydraulic cylinder	1
KL-0040-2500	Hydraulic cylinder 17 t	1

Scope of Delivery:**KL-0039-7100 Press Tool Set (short) without hydraulic cylinder**

Part No.	Description	Qty.
KL-0039-1140	Press frame (short)	1
KL-0039-1930	Pressure spindle M20x350 with O-Ring	1
KL-0039-1002	Retainer Adaptor for clamp nut and pressure spindle	1
KL-0039-712	Pressure- / Support Sleeve Set	1

Scope of Delivery:**KL-0039-712 Sleeve Set (short)**

Part-No.	Description	Qty.
KL-0039-722	Sleeve Set (short) upper suspension ball joint	1
KL-0039-732	Sleeve Set (short) lower suspension ball joint	1

Scope of Delivery:**KL-0039-722 Sleeve Set (short) upper suspension ball joint**

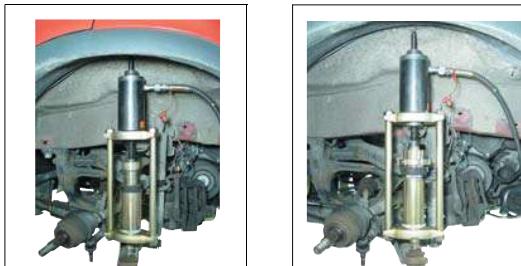
Part No.	Description	Qty.
KL-0039-1644	Press- / Support Sleeve short Ø 44 mm	1
KL-0039-1764	Press- / Support Sleeve long Ø 64 mm	1
KL-0039-1820	Support Sleeve	1
KL-0039-1758	Press- / Support Sleeve long Ø 58 mm	1

Scope of Delivery:**KL-0039-732 Sleeve Set (short) lower suspension ball joint**

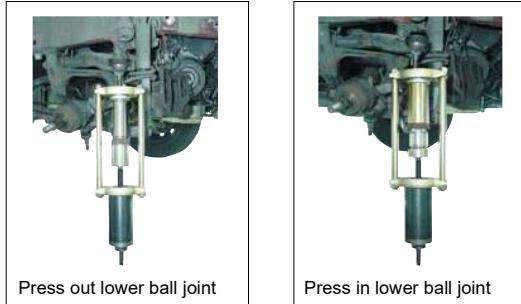
Part-No.	Description	Qty.
KL-0039-1821	Press- / Support Sleeve	1
KL-0039-1658	Press- / Support Sleeve short Ø 58 mm	1
KL-0039-1652	Press- / Support Sleeve short Ø 52 mm	1
KL-0039-1822	Press- / Support Sleeve	1



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Press out upper ball joint



Press in upper ball joint



Press out lower ball joint



Press in lower ball joint



KL-0039-720

Press Tool Set with Hydraulic Cylinder Renault Master / Vauxhall/Opel Movano



Suitable for Renault Master II (1998 onwards) and Vauxhall/Opel Movano I (1998 onwards).

The press tool set **KL-0039-720** used in conjunction with the hydraulic pump **KL-0215-35 M25** or **KL-0215-37 M25** allows quick, professional and safe removal and replacement of suspension ball joints on the front upper wishbone. This tool enables even heavily corroded suspension ball joints to be pressed in and pushed out within just a few minutes. The removal of the upper wishbone is not necessary.

Scope of Delivery:

KL-0039-720 Press Tool Set with Hydraulic Cylinder

Part-No.	Description	Qty.
KL-0039-721	Press Tool Set without hydraulic cylinder Renault Master / Vauxhall/Opel Movano	1
KL-0040-2500	Hydraulic cylinder 17 t	1

Scope of Delivery:

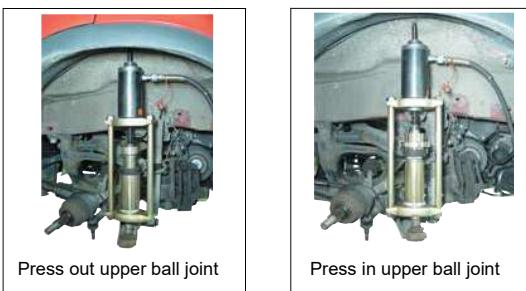
KL-0039-721 Press Tool Set without hydraulic cylinder

Part-No.	Description	Qty.
KL-0039-1140	Press frame (short)	1
KL-0039-1930	Retainer Adaptor for clamp nut and pressure spindle	1
KL-0039-1002	Pressure spindle M20x350 with O-Ring	1
KL-0039-722	Sleeve Set (short)	1

Scope of Delivery:

KL-0039-722 Sleeve Set (short) upper suspension ball joint

Part No.	Description	Qty.
KL-0039-1644	Press- / Support Sleeve short Ø 44 mm	1
KL-0039-1764	Press- / Support Sleeve long Ø 64 mm	1
KL-0039-1820	Support Sleeve	1
KL-0039-1758	Press- / Support Sleeve long Ø 58 mm	1



KL-0039-730

Press Tool Set with hydraulic cylinder, Renault Master / Vauxhall/Opel Movano



Suitable for Renault Master II (1998 onwards) and Vauxhall/Opel Movano I (1998 onwards).

The press tool set **KL-0039-730** in conjunction with the hydraulic pump **KL-0215-35 M25** or **KL-0215-37 M25** allows quick, professional and safe removal and replacement of the suspension ball joints on the front lower wishbone. This tool enables even heavily corroded ball joints to be pressed in and pushed out within a few minutes. The removal of the lower wishbone is not necessary.

Scope of Delivery:

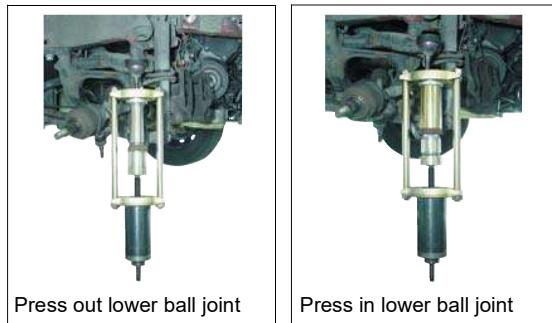
KL-0039-730 Press Tool Set with hydraulic cylinder

Part-No.	Description	Qty.
KL-0039-731	Press Tool Set without hydraulic cylinder	1
KL-0040-2500	Hydraulic cylinder 17 t	1

Scope of Delivery:

KL-0039-731 Press Tool Set without Hydraulic Cylinder

Part-No.	Description	Qty.
KL-0039-1140	Press frame (short)	1
KL-0039-1930	Pressure spindle M20x350 with O-Ring	1
KL-0039-1002	Retainer Adaptor for clamp nut and pressure spindle	1
KL-0039-732	Sleeve Set short lower suspension ball joint	1



Scope of Delivery:

KL-0039-732 Sleeve Set (short) lower suspension ball joint

Part-No.	Description	Qty.
KL-0039-1821	Press- / Support Sleeve	1
KL-0039-1658	Press- / Support Sleeve short Ø 58 mm	1
KL-0039-1652	Press- / Support Sleeve short Ø 52 mm	1
KL-0039-1822	Press- / Support Sleeve	1

Pulling Device with Hydraulic Cylinder

(Patented)

KL-1210-2

Suitable for Renault Master II ('98 onwards) and Opel/Vauxhall Movano I ('98 onwards)

The pulling device **KL-1210-2** is designed for the professional removal and replacement of the two silentblocs on the lower wishbone.

Scope of Delivery:

KL-1210-2 Pulling Device with Hydraulic Cylinder

Part No.	Description	Qty.
KL-0040-2500	Hydraulic Cylinder 17 t.	1
KL-0039-1003	Retainer adaptor for hydr. cyl. with O-ring	1
KL-0039-1002	Retainer adaptor for clamp nut and pressure spindle with O-ring	1
KL-1210-200	Pulling device without Hydraulic cylinder	1

Scope of Delivery:

KL-1210-200 Pulling Device without Hydr. Cylinder

Part No.	Description	Qty.
KL-0039-1914	Pull spindle M14 with nut	1
KL-1210-201	Press/support sleeve set	1

Scope of Delivery:

KL-1210-201 Press/Support Sleeve Set

Part No.	Description	Qty.
KL-1210-2001	Support sleeve with clamping jaws	1
KL-1210-2002	Press piece	1
KL-1210-2003	Support sleeve	1
KL-1210-2004	Press piece	1
KL-1210-2005	Press piece	1



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Hydraulic Press Tool with Hydr. Cyl.

KL-1615-11

Suitable for Fiat Stilo and Bravo models 2007 onwards rear axle.

This tool enables the quick and safe removal and replacement of silentblocs on the rear axle without having to remove the latter from the vehicle.

Even severely corroded silentblocs can be extracted and inserted within a few minutes by using this tool.

Scope of Delivery:

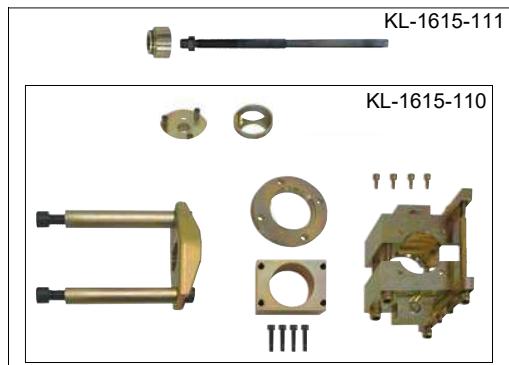
KL-1615-11 Hydraulic Press Tool with Hydr. Cyl.

Part No.	Description	Qty.
KL-1615-111	Press Tool Set Fiat Stilo without hydr. cyl.	1
KL-0040-2500	Hydraulic cylinder 17 t	1

Scope of Delivery:

KL-1615-111 Press Tool Set Fiat Stilo without hydr. cyl.

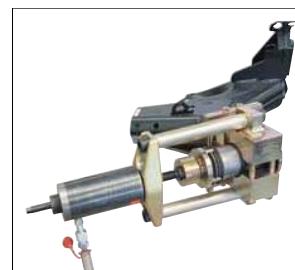
Part No.	Description	Qty.
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1931	Pressure spindle M20x405 with O-ring	1
KL-1615-110	Press Tool Set without hydr. cyl.	1



Scope of Delivery:

KL-1615-110 Press Tool Set Fiat Stilo without hydr. cyl.

Part No.	Description	Qty.
KL-1615-1110	Clamping jaw set with press frame	1
KL-1615-1129	Press piece with cylindric pins	1
KL-0039-1666	Press/Support sleeve short Ø66	1
KL-0039-1712	Guide pin (long) 12 mm	1



KL-1310-12

Pulling Device for silentblocs with Hydraulic Cylinder



Suitable for Citroën C4 and Peugeot 206 (model '98 onwards) and 307 (model '00 onwards) front axle wishbone.

Essential for the quick and trouble-free removal and replacement of silentblocs. Removal and replacement of the silentblocs can be carried out directly on the vehicle within a few minutes without having to dismantle the wishbone. Even very tight-fitting or severely corroded silentblocs can easily be pressed out and replaced within a few minutes by using this tool.

Scope of Delivery:**KL-1310-12 Pulling Device for silentblocs with hydraulic cylinder**

Part No.	Description	Qty.
KL-1310-121	Pulling device for silentblocs without hydr. cyl.	1
KL-0040-2500	Hydraulic cylinder 17 t	1

Scope of Delivery:**KL-1310-121 Pulling device for silentblocs without hydr. cyl.**

Part No.	Description	Qty.
KL-1310-120	Pulling device for silentblocs without hydr. cyl. and without adaptor	1
KL-0039-1003	Retainer adaptor for hydraulic cylinder	1

Scope of Delivery:**KL-1310-120 Pulling device for silentblocs without hydr. cyl. and without adaptor**

Part No.	Description	Qty.
KL-1310-1201	Press piece Ø 54.5 mm	1
KL-1310-1202	Press piece Ø 62 mm	1
KL-0039-1672	Press-/Support sleeve, short Ø 72 mm	1
KL-0039-1912	Pull spindle M12, with nut	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1

KL-1210-109

Pulling Device Renault Laguna front axle (mechanical)

**Suitable for Renault Laguna I and Espace III front axle.**

The mechanical pulling device **KL-1210-109** enables the quick, professional and safe removal and installation of the centre and outer silentbloc.

Scope of Delivery:**KL-1210-109 Pulling Device (mechanical)**

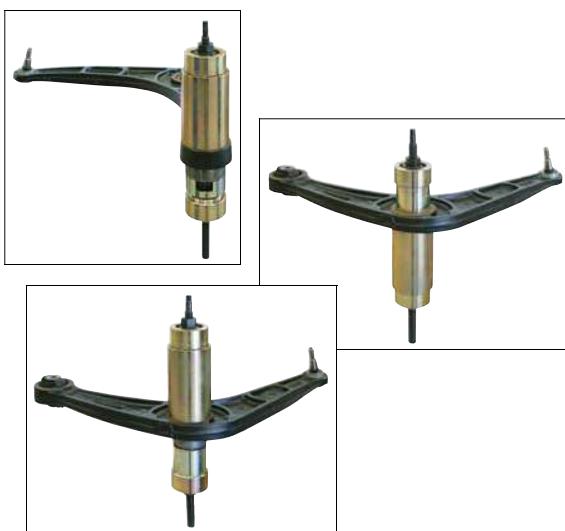
Part No.	Description	Qty.
KL-1210-108	Set of Sleeves Renault Laguna, with spindle and nuts	1
KL-0039-1011	Retainer adaptor for mechanical spindle	2

Scope of Delivery:**KL-1210-108 Set of Sleeves with spindle and nuts**

Part No.	Description	Qty.
KL-1210-100 A	Set of Sleeves Renault Laguna	1
KL-0039-2012	Pulling spindle M12, with nuts	1
KL-0039-2018	Pulling spindle M18, with nuts	1
KL-0014-0030	Molybdenum disulphide paste 50g	1

Scope of Delivery:**KL-1210-100 A Set of Sleeves**

Part No.	Description	Qty.
KL-0039-1654	Press/Support sleeve short Ø54	1
KL-0039-1768	Press/Support sleeve long Ø68	1
KL-1210-1001	Press piece (installation)	1



Pulling Device for silentblocs with Hydraulic Cylinder 17 t

KL-1210-30

Suitable for Renault Laguna II rear sub frame.

This tool enables the quick and safe removal and replacement of silentblocs on the rear sub-frame. Even severely corroded silentblocs can be pressed out and replaced within a few minutes by using this tool. Using the fixing unit ensures an accurate alignment of the silentbloc into the prescribed correct position.

Specification: KL-1210-30 Pulling device for silentblocs with hydr. cyl.

Part No.	Description	Qty.
KL-0040-2500	Hydraulic cylinder 17t	1
KL-0039-1003	Retainer adaptor for hydr. cyl. with O-ring	1
KL-1210-300	Pulling device without hydr. cyl.	1

Scope of Delivery: KL-1210-300 Pulling device f. silentbl. without hydr. cyl.

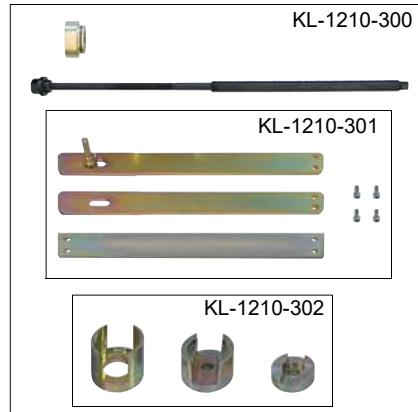
Part No.	Description	Qty.
KL-0039-1002	Retainer adaptor for clamp nut and pressure spindle with O-ring	1
KL-0039-1912	Pull Spindle M12, with Nut	1
KL-1210-301	Fixing unit	1
KL-1210-302	Sleeve set	1

Scope of Delivery: KL-1210-301 Fixing unit

Artikel-Nr	Beschreibung	Menge
KL-1210-3011	Mounting rod	1
KL-1210-3012	Fixing rod	2
KL-1210-3013	Socket pin Ø14,5 / Ø12 mm	1
KL-1210-3014	Adjusting washer 15x21x1	1
KL-0040-2511	Cylinder bolt M8 x 16	4
KL-0205-2018	Circlip ring A14	1

Scope of Delivery: KL-1210-302 Sleeve Set

Part No.	Description	Qty.
KL-1210-3021	Support sleeve long, Ø 88 mm	1
KL-1210-3022	Press piece Ø 76 mm	1
KL-1210-3023	Support sleeve Ø 88 mm	1



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Pulling Device for Silentblocs, with Hydraulic Cylinder 17 t

(German Utility Model)

KL-1810-01

Suitable for Hyundai Tucson front axle carrier.

The pulling device **KL-1810-01** used in conjunction with a hydraulic pump such as the **KL-0215-35 M25**, enables the removal and replacement of the silentblocs (separately available as Hyundai Original-spare part no. 624862E000) on the front axle carrier. The replacement of silentblocs can be carried out directly on the vehicle within a few minutes **without** having to **remove or replace the front axle carrier**. Even very tight-fitting or severely corroded silentblocs are not an issue by using the 17 t hydraulic cylinder **KL-0040-2500**.

Advantages:

- Quick - Substantial time savings of up to 3 hours
- Removal of front axle carrier not necessary.
- Hammers, chisels etc. are not required.

Technical Data:

Weight:	11 kg
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Scope of Delivery: KL-1810-01 Pulling Device f. silentblocs, with hydr. cyl.

Part No.	Description	Qty.
KL-1810-011	Pulling device for silentblocs without hydraulic cylinder	1
KL-0040-2500	Hydraulic cylinder 17t	1

Scope of Delivery: KL-1810-011 Pulling Device f. Silent. without Hydr. Cyl.

Part No.	Description	Qty.
KL-1810-010	Pulling device for silentblocs, without hydr. cyl. and without ad.	1
KL-0039-1003	Retainer adaptor for hydraulic cylinder with O-ring	1

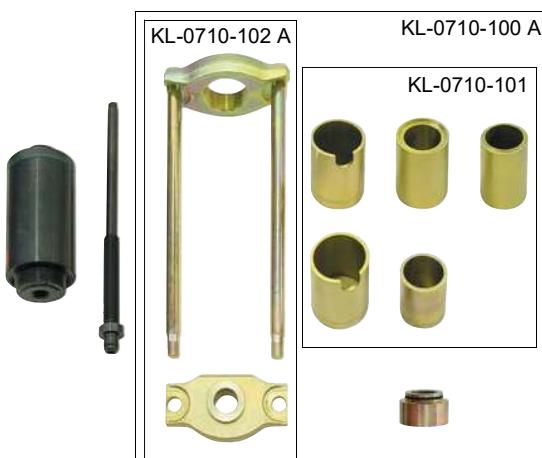
Scope of Delivery: KL-1810-010 Pulling device for silentbloc without hydr. cyl., without adaptor

Part No.	Description	Qty.
KL-1810-0101	Press piece	1
KL-1810-0102	Support sleeve	1
KL-1810-0103	Clamping housing	1
KL-1810-0104	Screw	1
KL-1810-0105	Mandrel	1
KL-1810-0106	Support ring	1
KL-0039-1686	Press-/Support sleeve, short, Ø 86 mm	1
KL-0039-1914	Pull spindle M14, with nut	1



KL-0710-10 A

Press Tool Set (long) Volvo wishbone



Suitable for Volvo S60, V70, XC70 (2001 onwards) and S80 (1998 onwards) front axle with silentbloc-Ø48mm and Ø53mm.

Indispensable for the quick, easy and safe removal and installation of the two silentblocs on the lower wishbone. With this tool, it is not necessary to remove the wishbone completely from the vehicle.

Advantages:

- Substantial time savings of approx. 1 to 2 hours.
- Professional removal and installation of silentblocs.
- Reduces the risk of accidents.
- The hydraulic cylinder 17 t **KL-0040-2500** can be used universally on other KLANN tools to exert pulling or pushing force.

Scope of Delivery: KL-0710-10 A Press Tool Set (long)

Part No.	Description	Qty.
KL-0710-100 A	Press Tool Set (long) Volvo wishbone without drive	1
KL-0040-2500	Hydraulic Cylinder 17t	1
KL-0039-1930	Pressure spindle M20x350 with O-ring	1

Scope of Delivery: KL-0710-100 A Press Tool Set (long)

Part No.	Description	Qty.
KL-0710-101	Set of Sleeves (long) Volvo Wishbone	1
KL-0710-102 A	Press frame (lang) without drive	1
KL-0039-1002	Retainer adaptor for clamping nut and pressure spindle with O-ring	1

Scope of Delivery: KL-0710-101 Set of Sleeves (long)

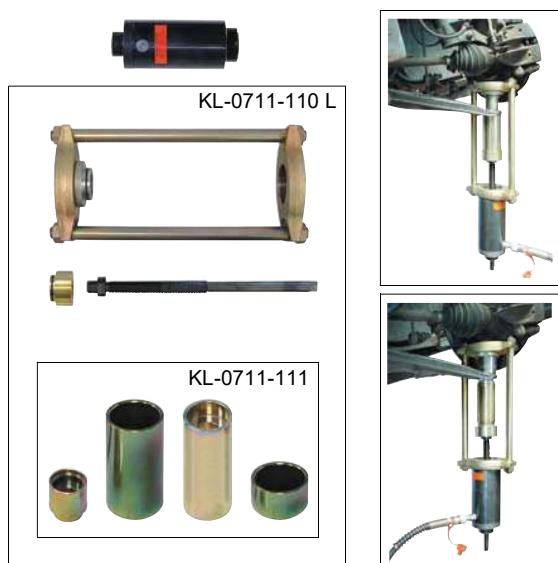
Part No.	Description	Qty.
KL-0710-1001	Support sleeve 62 mm	1
KL-0710-1002	Press sleeve 56 mm	1
KL-0710-1003	Press sleeve 53 mm	1
KL-0710-1004	Support sleeve 60 mm	1
KL-0710-1005	Press sleeve 48 mm	1

Scope of Delivery: KL-0710-102 A Press Frame (long) without drive

Part No.	Description	Qty.
KL-0039-1144	Base plate 2 1/4"-14 UNS	1
KL-0039-1145	Base plate 2 1/4"-14 UNS with chamfer	1
KL-0039-1105	Adaptor 2 1/4"-14UNS to Ø30 mm with O-ring	1
KL-0039-1153	Tie rod M18, 375 mm (long)	2
KL-0049-3004	Hex nut M18	4

KL-0711-11 L

Press Tool Set with Hydraulic Cylinder



Suitable for Volvo S40 / V40 front axle wishbone.

For quick and easy removal and replacement of suspension ball joints. The ball joint can be removed and installed directly on the vehicle within a few minutes without having to dismount the wishbone. This tool enables even heavily corroded ball joints to be pushed out and pressed in within a few minutes.

Scope of Delivery: KL-0711-11 L Press Tool Set with hydr. cylinder

Part No.	Description	Qty.
KL-0711-110 L	Press Tool Set without hydraulic cylinder	1
KL-0040-2500	Hydraulic cylinder 17t	1

Scope of Delivery: KL-0711-110 L Press Tool Set without hydr. cylinder

Part No.	Description	Qty.
KL-0039-1140	Press Frame, short	1
KL-0711-111	Sleeve Set	1
KL-0039-1002	Retainer Adaptor for clamping nut and pressure spindle with O-ring	1
KL-0039-1930	Pressure spindle M20 x 350 with O-ring	1

Scope of Delivery: KL-0711-111 Sleeve Set

part-No.	Description	Qty.
KL-0711-1111	Press Sleeve short Ø38 mm	1
KL-0039-1754	Press-/Support Sleeve long Ø54 mm	1
KL-0039-1750	Press-/Support Sleeve long Ø50 mm	1
KL-0039-1654	Press-/Support Sleeve short Ø54 mm	1

Hydraulic Press (400 mm long)

KL-1000-0120 A

The hydraulic press **KL-1000-0120 A** is used in conjunction with the press-/support sleeve sets of the **KL-0039-.. Series** and press piece sets **KL-0159-11** and **KL-0159-12** thus enabling the pressing in and pressing out of shafts, steering knuckle bolts, bearings, sleeves, silentblocs etc. Thanks to its handy design, the hydraulic press can also be used in-situ on the vehicle.

Technical Data:

Inner width:	160 mm
Inner length:	400 mm
Maximum load capacity:	28 t.
Cylinder retaining thread:	2 1/4"-16 UN
Weight:	14,3 kg

Scope of Delivery:

KL-1000-0120 A Hydraulic Press (400 mm long)

Part No.	Description	Qty.
KL-1000-010 A	Press frame 400 mm long with hydr. cyl. and stand	1
KL-0215-35 M28	Hydr. hand pump with hose, coupling, adaptro and pressure gauge	1

Scope of Delivery:

KL-1000-010 A - Press frame 400 mm long with hydr. cyl. and stand

Part No.	Description	Qty.
KL-1000-01	Press Frame (400 mm long)	1
KL-0040-2810	Pressure Spindle M24	1
KL-0039-1004	Retainer adaptor for pressure spindle Ø18 mm with O-Ring	1
KL-0040-2800	Hydraulic cylinder 28t	1
KL-1000-03	Mounting bracket for press frame	1



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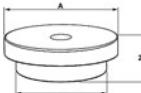
Set of Pressure Pieces with storage case

KL-0159-12

For extracting and inserting bearings, shafts, bushes etc. in conjunction with a hydraulic press or any hydraulic press tool set of the **KL-0039- series**. Each set consists of one mandrel, one plug and 15 pressure pieces and is supplied in a plastic storage case.

Technical Data:

Mounting bore Ø:	20 mm
Ø A:	52 - 80 mm in 2 mm gradation
Ø B:	50 - 78 mm in 2 mm gradation



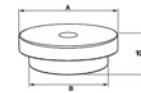
Set of Pressure Pieces with storage case

KL-0159-11

For extracting and inserting bearings, shafts, bushes etc. in conjunction with a hydraulic press or any hydraulic press tool set of the **KL-0039- series**. The set consists of one mandrel, one plug and 15 pressure pieces and is supplied in a plastic storage case.

Technical Data:

Mounting bore Ø:	10 mm
Ø A:	22 mm - 50 mm in 2 mm gradation
Ø B:	20 mm - 48 mm in 2 mm gradation



**KL-0215-35 M25****Hydraulic Hand Pump****Scope of Delivery:****KL-0215-35 M25 Hydraulic Hand Pump**

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

The hydraulic hand pump **KL-0215-35 M25** is used to drive the hydraulic cylinder (17 t) **KL-0040-2500** or **KL-0040-170**.

The hydraulic pressure and necessary force can be checked while operating the pump at pressure gauge **KL-0040-2529** (supplied with the tool set). The pressure gauge features an additional drum-type tonne scale matched to our **KL-0040-2500** hydraulic cylinder (17 t).

Technical Data:

Weight:	7.5 kg
Max. Pressure:	700 bar



Note:
A hydraulic hand pump with a pressure gauge matching the hydraulic cylinder **KL 0040 2200** (10 t) or **KL-0040-2800** (28 t) is optionally available upon request.

KL-0215-35**Hydraulic Hand Pump (not shown)**

As **KL-0215-35 M25**, but without Pressure Gauge.

KL-0215-37 M25**Hydraulic Foot Pump****4****Scope of Delivery:****KL-0215-37 M25 Hydraulic Foot Pump**

Part No.	Description	Qty.
KL-0215-370	Hydraulic Foot Pump (without Hose)	1
KL-0215-371	Hydraulic Hose 2,5 m with hose-side connector	1
KL-0215-322	Cylinder-side connector 1/4" NPT	1
KL-0040-2520	Adaptor 3/8" NPT to 1/4" NPT	1
KL-0040-2528	Pressure Gauge	1

The Hydraulic Foot Pump **KL-0215-37 M25** can be used to power KLANN Press and Puller Tools fitted with Hydraulic Cylinder (17 t.) **KL-0040-2500**.

Hydraulic pressure and the necessary force can be checked while operating the pump at pressure gauge **KL-0040-2528**, (supplied with the tool set) and additional drum-type scale matched to our **KL-0040-2500** hydraulic cyl. (17 t.).

Advantage:

Both hands free to work.

Technical Data:

Weight:	11 kg
Max. Pressure:	700 bar



Note:
A Hydraulic foot pump with a pressure gauge matching the hydraulic cylinder **KL 0040 2200** (10 t) or **KL-0040-2800** (28 t) is optionally available upon request.

KL-0215-37**Hydraulic Hand Pump (not shown)**

As **KL-0215-37 M25**, but without Pressure Gauge.

KL-0215-36 M25**Pneumatic Hydraulic Pump**

The compressed air-driven hydraulic pump **KL-0215-36 M25** can be used to power a Hydraulic Cylinder.

The hydraulic pump is powered by compressed air. Operation is carried out by a foot pedal with three positions for pump, stop and release.

Advantage:

Both hands free to work.

Technical Data:

Maximum Pressure:	700 bar
Operating Pressure:	8 - 14 bar
Weight:	8 kg

Scope of Delivery:**KL-0215-36 M25 Pneumatic Hydraulic Pump**

Part No.	Description	Qty.
KL-0215-360	Hydraulic pump (without Hose)	1
KL-0215-362	Hydraulic Hose 2,5 m with hose-side connector	1
KL-0215-322	Cylinder-side connector 1/4" NPT	1
KL-0040-2520	Adaptor 3/8" NPT to 1/4" NPT	1
KL-0040-2529	Pressure Gauge	1

KL-0215-36**Hydraulic Hand Pump (not shown)**

As **KL-0215-36 M25**, but without Pressure Gauge.