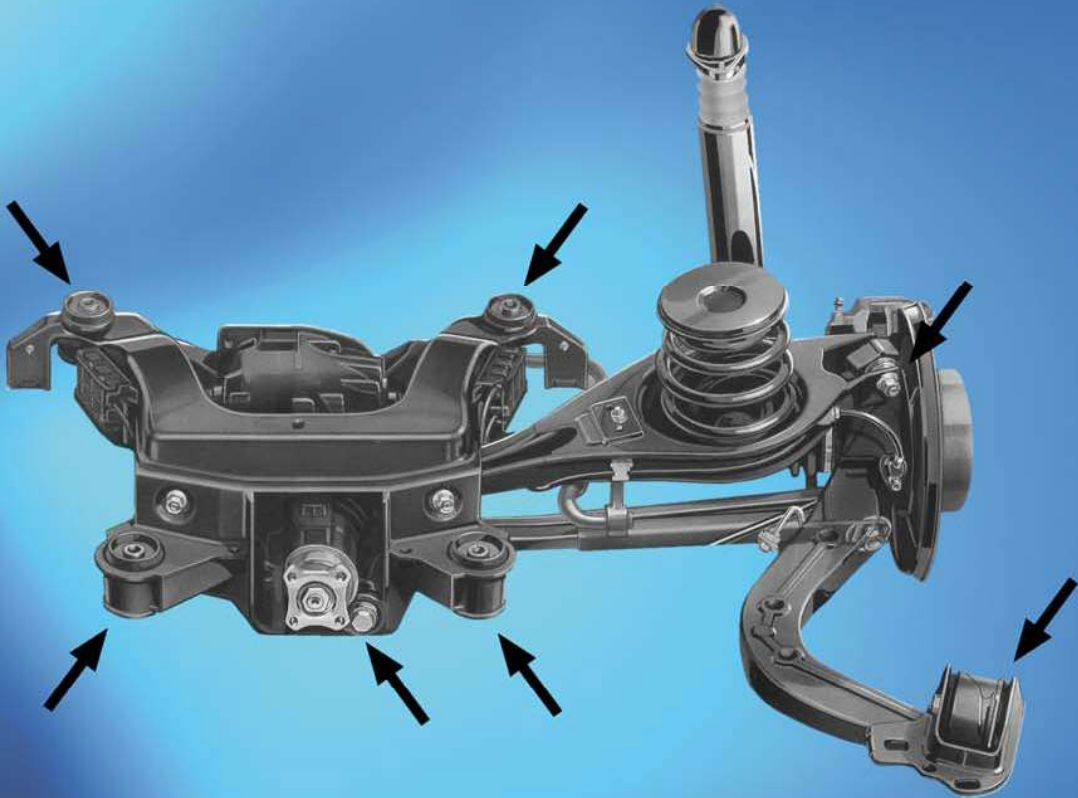




4



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

4

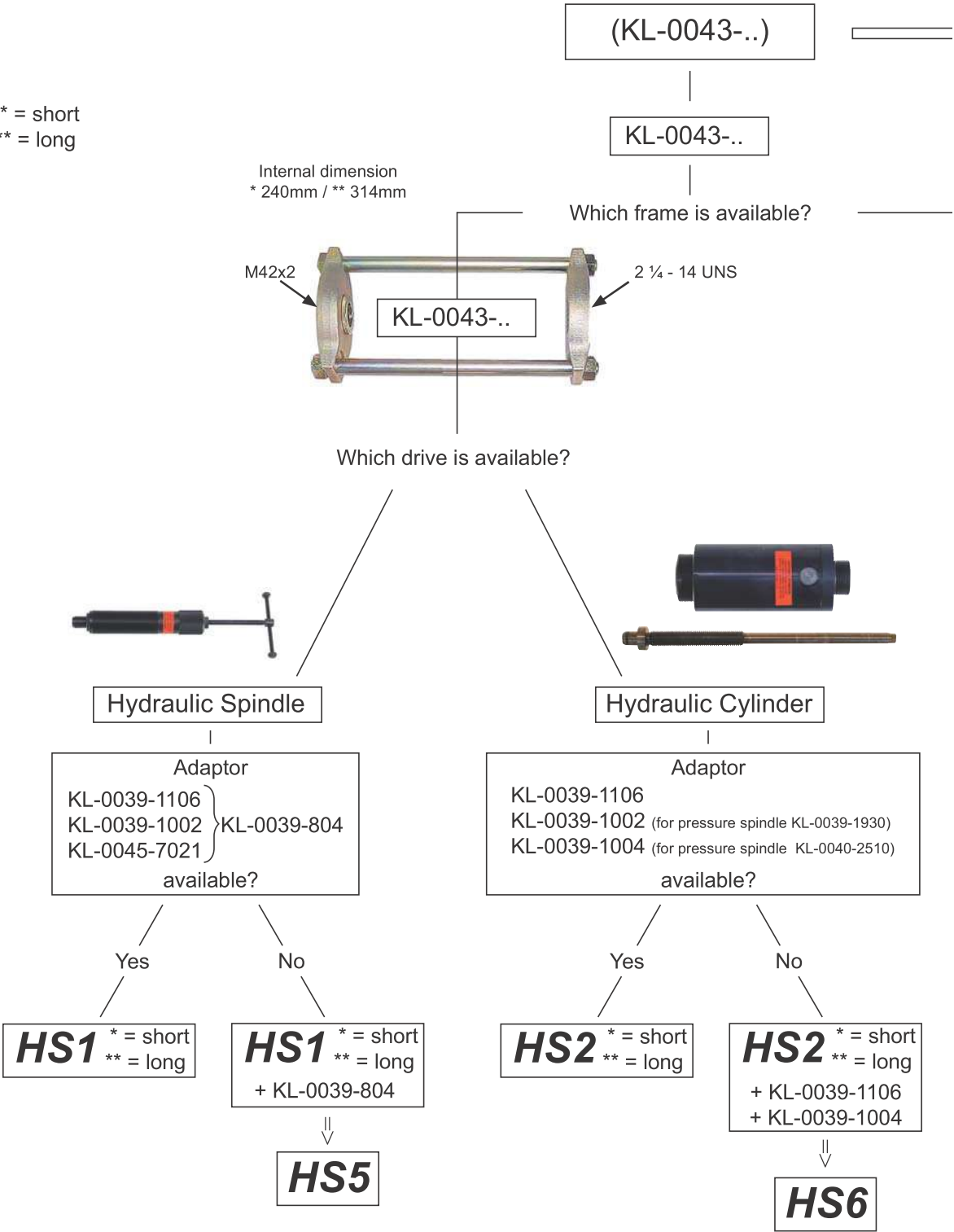
Frame

Drive

Adaptor

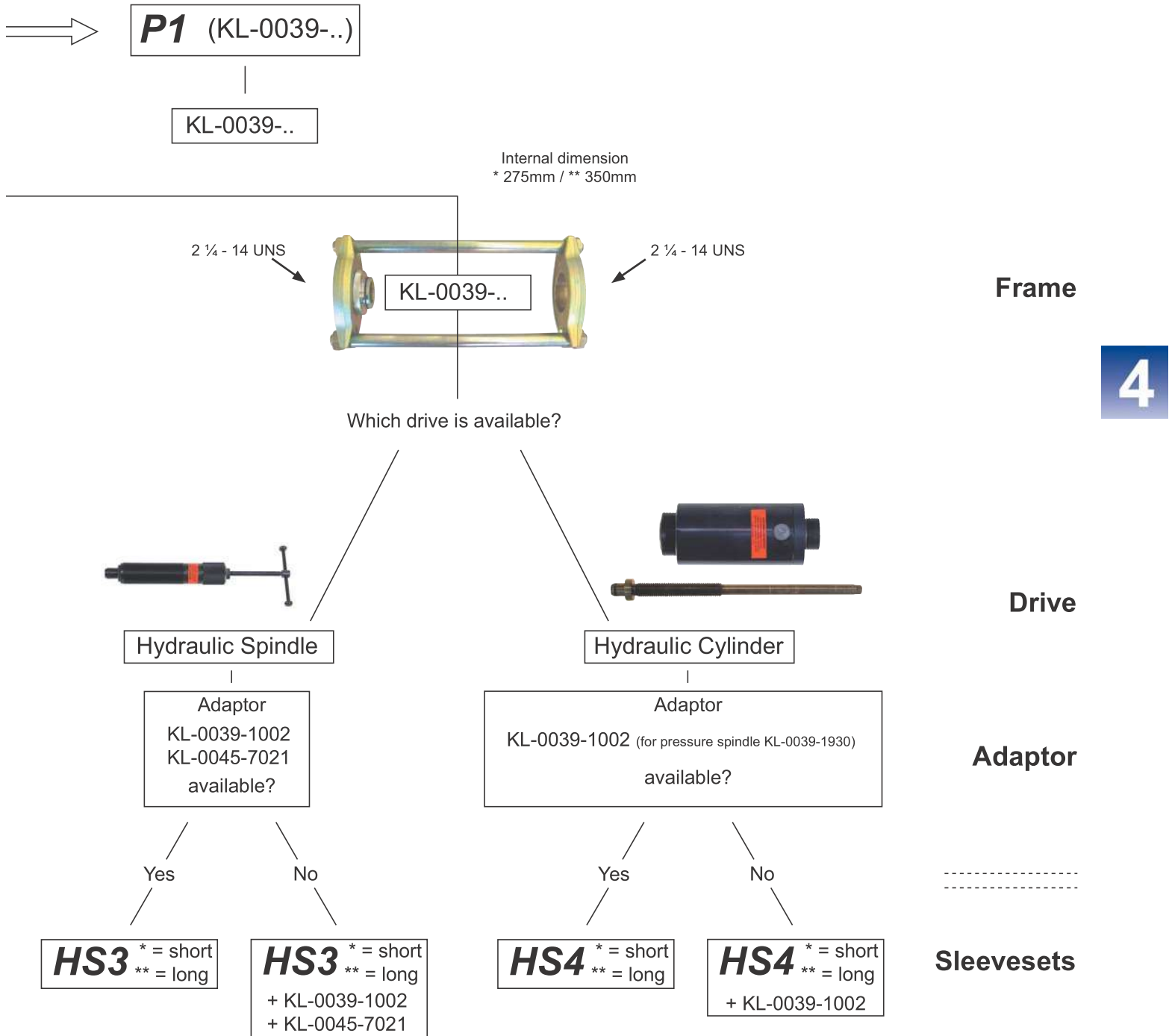
Sleevesets

* = short
** = long



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



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 |
| HS4* | | |
| | | |
| P1 | KL-0039-730 | Press Tool Set with hydr. cylinder Renault Master, Vauxhall / Opel Movano |
| HS2* | KL-0039-732 | Press / Support Sleeve Set Renault Master/Opel Movano, lower suspension ball joint |
| HS4* | | |

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 Traggel.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:

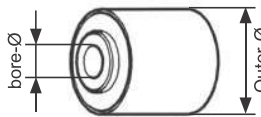
- ☑ Modular system with universally combinable press- / support sleeves.
- ☑ Possibility to complement the tool set universally with additional press- / support sleeves, two possible drives (mechanical or hydraulic), optional use of centring- / pressure rings and press frames.

Silenbloc removal / installation using a pull spindle

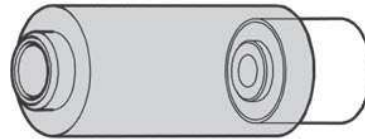
Identification of the required parts and assembling the tool:

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

Measure bore- \varnothing and bearing outer- \varnothing

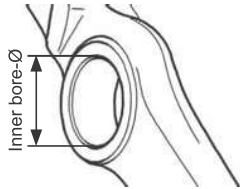


Identify support sleeve (with bearing outer- \varnothing)

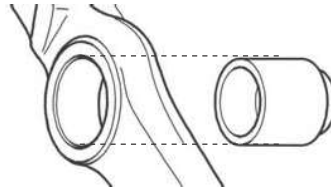


Support sleeve inner \varnothing → larger than → bearing outer- \varnothing

Measure inner bore- \varnothing of retaining bore.

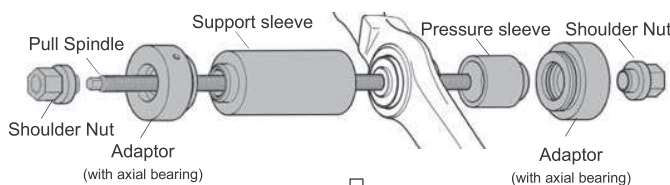


Identify press sleeve (with dimension inner bore- \varnothing)

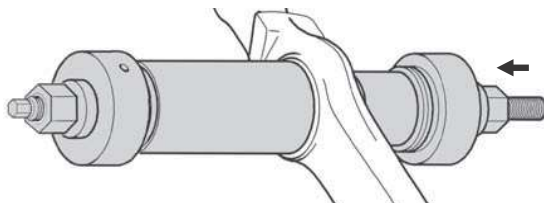


Press sleeve outer- \varnothing → larger than → inner bore- \varnothing

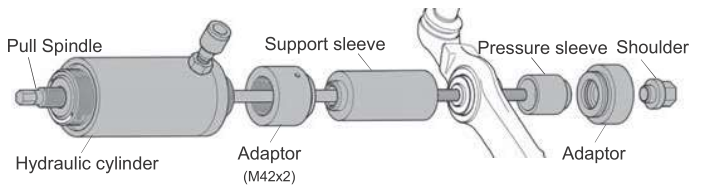
Mounting the silentbloc tool (mechanical drive)



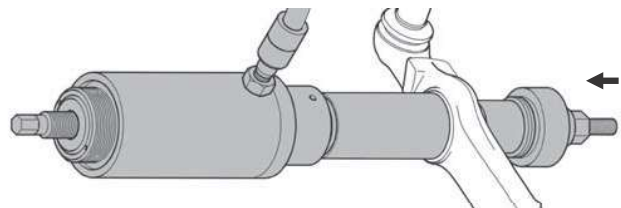
Extracting the silentbloc (mechanically)
[Insertion follows the same principle]



Mounting the silentbloc tool (hydraulic drive)



Extracting the silentbloc (hydraulically)
[Insertion follows the same principle]



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

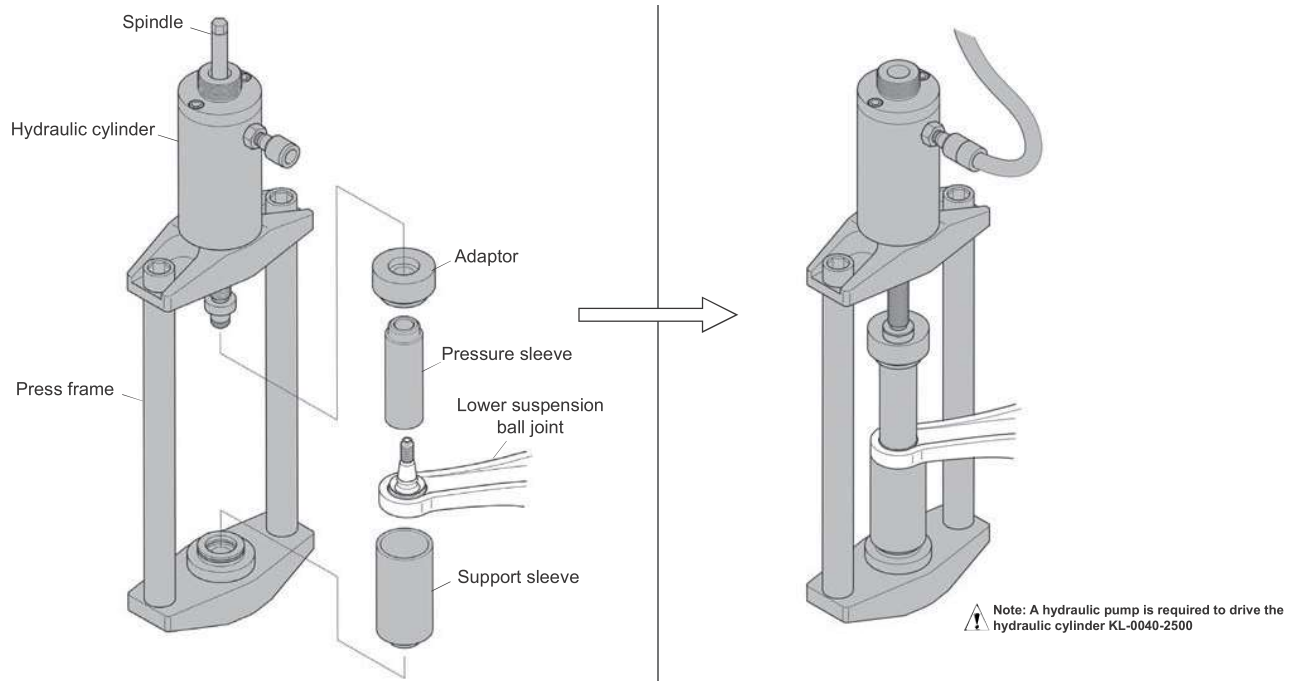
The big advantages of the unrivalled KL-0039- Tool Series are:

- ☑ 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)

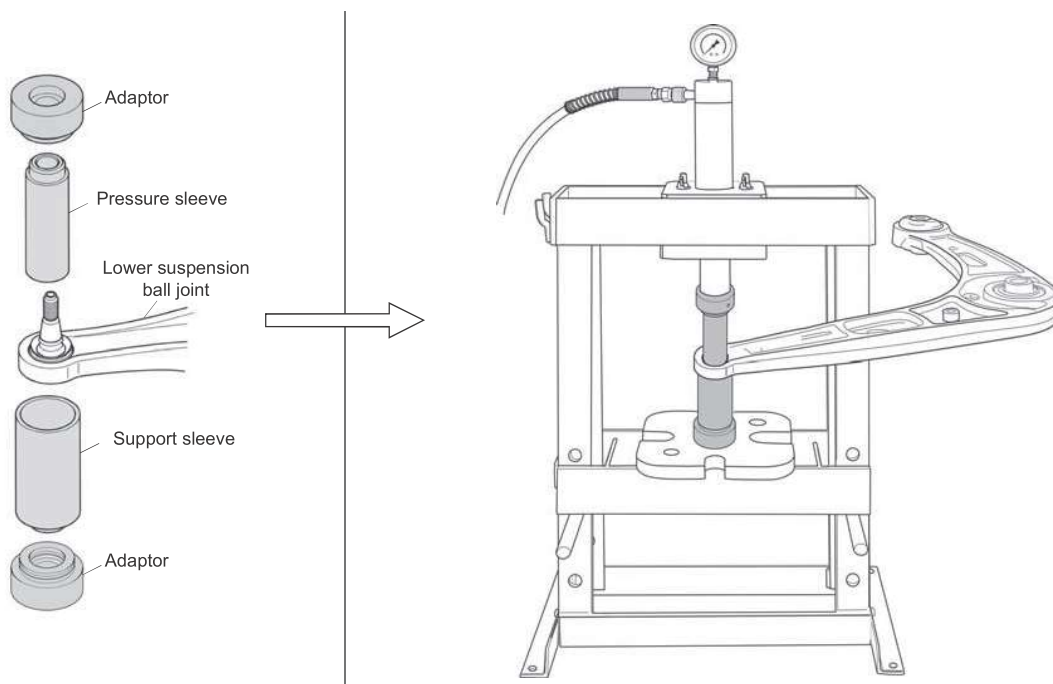


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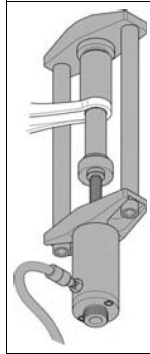
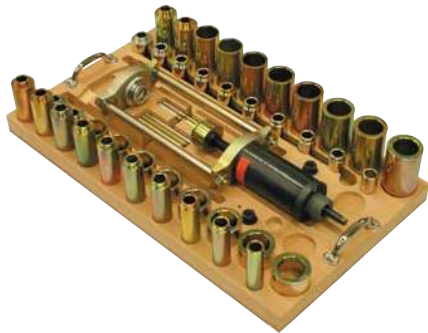
Silentbloc / Suspension Ball Joint removal / installation using a bench press

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:

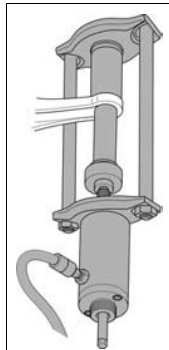
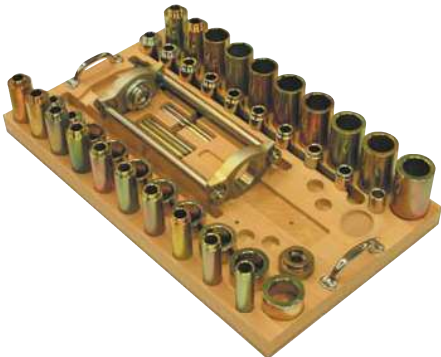
| | |
|--|--------|
| Inner Length (Press frame): | 275 mm |
| Inner Width (Press frame): | 115 mm |
| Max. load capacity press frame: | 12 t |
| Max. load capacity hydraulic cylinder: | 17 t |

Scope of Delivery:

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

| Part No. | Description | Qty. |
|--------------|--|------|
| KL-0039-1140 | Press frame, short | 1 |
| KL-0040-2500 | Hydraulic Cylinder 17t | 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-0039-1601 | Press/Support Sleeve Set (short) | 1 |
| KL-0039-1701 | Press/Support Sleeve Set (long) | 1 |
| KL-0039-9000 | Wooden Plate | 1 |

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 a 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 Pulling Device for silentblocs, mechanical drive

| 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 | Part No. | Description |
|--------------|-------------------------------|--------------|-------------------------------|
| KL-0039-1630 | Press-/Support sleeve 30/Ø22 | KL-0039-1662 | Press-/Support sleeve Ø62/Ø54 |
| KL-0039-1632 | Press-/Support sleeve Ø32/Ø24 | KL-0039-1664 | Press-/Support sleeve Ø64/Ø56 |
| KL-0039-1634 | Press-/Support sleeve Ø34/Ø26 | KL-0039-1666 | Press-/Support sleeve Ø66/Ø58 |
| KL-0039-1636 | Press-/Support sleeve Ø36/Ø28 | KL-0039-1668 | Press-/Support sleeve Ø68/Ø60 |
| KL-0039-1638 | Press-/Support sleeve Ø38/Ø30 | KL-0039-1670 | Press-/Support sleeve Ø70/Ø62 |
| KL-0039-1640 | Press-/Support sleeve Ø40/Ø32 | KL-0039-1672 | Press-/Support sleeve Ø72/Ø64 |
| KL-0039-1642 | Press-/Support sleeve Ø42/Ø34 | KL-0039-1674 | Press-/Support sleeve Ø74/Ø66 |
| KL-0039-1644 | Press-/Support sleeve Ø44/Ø36 | KL-0039-1676 | Press-/Support sleeve Ø76/Ø68 |
| KL-0039-1646 | Press-/Support sleeve Ø46/Ø38 | KL-0039-1678 | Press-/Support sleeve Ø78/Ø70 |
| KL-0039-1648 | Press-/Support sleeve Ø48/Ø40 | KL-0039-1680 | Press-/Support sleeve Ø80/Ø72 |
| KL-0039-1650 | Press-/Support sleeve Ø50/Ø42 | KL-0039-1682 | Press-/Support sleeve Ø82/Ø74 |
| KL-0039-1652 | Press-/Support sleeve Ø52/Ø44 | KL-0039-1684 | Press-/Support sleeve Ø84/Ø76 |
| KL-0039-1654 | Press-/Support sleeve Ø54/Ø46 | KL-0039-1686 | Press-/Support sleeve Ø86/Ø78 |
| KL-0039-1656 | Press-/Support sleeve Ø56/Ø48 | KL-0039-1688 | Press-/Support sleeve Ø88/Ø80 |
| KL-0039-1658 | Press-/Support sleeve Ø58/Ø50 | KL-0039-1690 | Press-/Support sleeve Ø90/Ø82 |
| KL-0039-1660 | Press-/Support sleeve Ø60/Ø52 | | |



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/Ø22 | KL-0039-1762 | Press-/Support sleeve Ø62/Ø54 |
| KL-0039-1732 | Press-/Support sleeve Ø32/Ø24 | KL-0039-1764 | Press-/Support sleeve Ø64/Ø56 |
| KL-0039-1734 | Press-/Support sleeve Ø34/Ø26 | KL-0039-1766 | Press-/Support sleeve Ø66/Ø58 |
| KL-0039-1736 | Press-/Support sleeve Ø36/Ø28 | KL-0039-1768 | Press-/Support sleeve Ø68/Ø60 |
| KL-0039-1738 | Press-/Support sleeve Ø38/Ø30 | KL-0039-1770 | Press-/Support sleeve Ø70/Ø62 |
| KL-0039-1740 | Press-/Support sleeve Ø40/Ø32 | KL-0039-1772 | Press-/Support sleeve Ø72/Ø64 |
| KL-0039-1742 | Press-/Support sleeve Ø42/Ø34 | KL-0039-1774 | Press-/Support sleeve Ø74/Ø66 |
| KL-0039-1744 | Press-/Support sleeve Ø44/Ø36 | KL-0039-1776 | Press-/Support sleeve Ø76/Ø68 |
| KL-0039-1746 | Press-/Support sleeve Ø46/Ø38 | KL-0039-1778 | Press-/Support sleeve Ø78/Ø70 |
| KL-0039-1748 | Press-/Support sleeve Ø48/Ø40 | KL-0039-1780 | Press-/Support sleeve Ø80/Ø72 |
| KL-0039-1750 | Press-/Support sleeve Ø50/Ø42 | KL-0039-1782 | Press-/Support sleeve Ø82/Ø74 |
| KL-0039-1752 | Press-/Support sleeve Ø52/Ø44 | KL-0039-1784 | Press-/Support sleeve Ø84/Ø76 |
| KL-0039-1754 | Press-/Support sleeve Ø54/Ø46 | KL-0039-1786 | Press-/Support sleeve Ø86/Ø78 |
| KL-0039-1756 | Press-/Support sleeve Ø56/Ø48 | KL-0039-1788 | Press-/Support sleeve Ø88/Ø80 |
| KL-0039-1758 | Press-/Support sleeve Ø58/Ø50 | KL-0039-1790 | Press-/Support sleeve Ø90/Ø82 |
| KL-0039-1760 | Press-/Support sleeve Ø60/Ø52 | | |

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

4

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 160/Ø52 |
| KL-0039-1730 | Press- / Support Sleeve Ø30/Ø22 | KL-0039-1762 | Press- / Support Sleeve 162/Ø54 |
| KL-0039-1732 | Press- / Support Sleeve Ø32/Ø24 | KL-0039-1764 | Press- / Support Sleeve 164/Ø56 |
| KL-0039-1734 | Press- / Support Sleeve Ø34/Ø26 | KL-0039-1766 | Press- / Support Sleeve 166/Ø58 |
| KL-0039-1736 | Press- / Support Sleeve Ø36/Ø28 | KL-0039-1768 | Press- / Support Sleeve 168/Ø60 |
| KL-0039-1738 | Press- / Support Sleeve Ø38/Ø30 | KL-0039-1770 | Press- / Support Sleeve 170/Ø62 |
| KL-0039-1740 | Press- / Support Sleeve Ø40/Ø32 | KL-0039-1772 | Press- / Support Sleeve 172/Ø64 |
| KL-0039-1742 | Press- / Support Sleeve Ø42/Ø34 | KL-0039-1774 | Press- / Support Sleeve 174/Ø66 |
| KL-0039-1744 | Press- / Support Sleeve Ø44/Ø36 | KL-0039-1776 | Press- / Support Sleeve 176/Ø68 |
| KL-0039-1746 | Press- / Support Sleeve Ø46/Ø38 | KL-0039-1778 | Press- / Support Sleeve 178/Ø70 |
| KL-0039-1748 | Press- / Support Sleeve Ø48/Ø40 | KL-0039-1780 | Press- / Support Sleeve 180/Ø72 |
| KL-0039-1750 | Press- / Support Sleeve Ø50/Ø42 | KL-0039-1782 | Press- / Support Sleeve 182/Ø74 |
| KL-0039-1752 | Press- / Support Sleeve Ø52/Ø44 | KL-0039-1784 | Press- / Support Sleeve 184/Ø76 |
| KL-0039-1754 | Press- / Support Sleeve Ø54/Ø46 | KL-0039-1786 | Press- / Support Sleeve 186/Ø78 |
| KL-0039-1756 | Press- / Support Sleeve Ø56/Ø48 | KL-0039-1788 | Press- / Support Sleeve 188/Ø80 |
| KL-0039-1758 | Press- / Support Sleeve Ø58/Ø50 | KL-0039-1790 | Press- / Support Sleeve 190/Ø82 |

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/Ø52 |
| KL-0039-1630 | Press- / Support Sleeve Ø30/Ø22 | KL-0039-1662 | Press- / Support Sleeve Ø62/Ø54 |
| KL-0039-1632 | Press- / Support Sleeve Ø32/Ø24 | KL-0039-1664 | Press- / Support Sleeve Ø64/Ø56 |
| KL-0039-1634 | Press- / Support Sleeve Ø34/Ø26 | KL-0039-1666 | Press- / Support Sleeve Ø66/Ø58 |
| KL-0039-1636 | Press- / Support Sleeve Ø36/Ø28 | KL-0039-1668 | Press- / Support Sleeve Ø68/Ø60 |
| KL-0039-1638 | Press- / Support Sleeve Ø38/Ø30 | KL-0039-1670 | Press- / Support Sleeve Ø70/Ø62 |
| KL-0039-1640 | Press- / Support Sleeve Ø40/Ø32 | KL-0039-1672 | Press- / Support Sleeve Ø72/Ø64 |
| KL-0039-1642 | Press- / Support Sleeve Ø42/Ø34 | KL-0039-1674 | Press- / Support Sleeve Ø74/Ø66 |
| KL-0039-1644 | Press- / Support Sleeve Ø44/Ø36 | KL-0039-1676 | Press- / Support Sleeve Ø76/Ø68 |
| KL-0039-1646 | Press- / Support Sleeve Ø46/Ø38 | KL-0039-1678 | Press- / Support Sleeve Ø78/Ø70 |
| KL-0039-1648 | Press- / Support Sleeve Ø48/Ø40 | KL-0039-1680 | Press- / Support Sleeve Ø80/Ø72 |
| KL-0039-1650 | Press- / Support Sleeve Ø50/Ø42 | KL-0039-1682 | Press- / Support Sleeve Ø82/Ø74 |
| KL-0039-1652 | Press- / Support Sleeve Ø52/Ø44 | KL-0039-1684 | Press- / Support Sleeve Ø84/Ø76 |
| KL-0039-1654 | Press- / Support Sleeve Ø54/Ø46 | KL-0039-1686 | Press- / Support Sleeve Ø86/Ø78 |
| KL-0039-1656 | Press- / Support Sleeve Ø56/Ø48 | KL-0039-1688 | Press- / Support Sleeve Ø88/Ø80 |
| KL-0039-1658 | Press- / Support Sleeve Ø58/Ø50 | KL-0039-1690 | Press- / Support Sleeve Ø90/Ø82 |

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 |

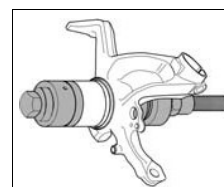
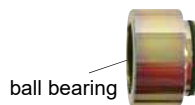


4

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 cm³ |
| Piston area: | 15.11 cm² |
| Thread in tubular piston: | M16/Ø 16.5 |
| Retaining thread pressure side: | 2 ¼"-14 UNS |
| Retaining thread puller side: | M42x2 |
| 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 cm³ |
| Maximum oil pressure: | 700 bar |
| Piston area: | 40.6 cm² |
| Thread in tubular piston: | M24 |
| Retaining thread (pressure side): | 2 ¼"-16 UNS |
| Retaining thread (puller side): | M42x2 |
| 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, silentbloks 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 cm³ |
| Piston area: | 27 cm² |
| 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 to 1/4"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 to 1/4"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 " |
|-----------|-------|

KL-0215-322 Coupling Cylinder side



Technical Data:

| | |
|-----------|------|
| Coupling: | 1/4" |
|-----------|------|

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**.

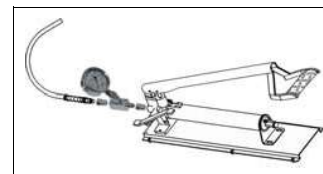
Technical Data:

| | |
|--------------------|----------|
| 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

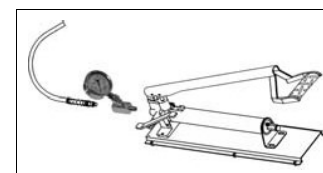
KL-0040-2529

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 |



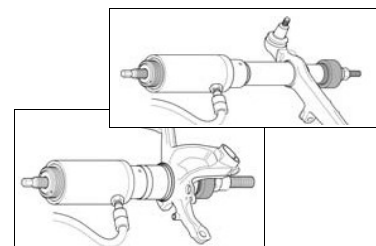
4

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**.

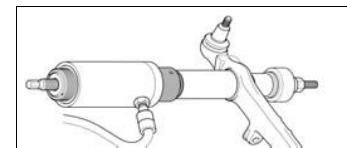
Retaining-Ø for clamping nut or pressure spindle: 20 mm



Retainer Adaptor for Hydr. Cyl. with O-ring

KL-0039-1003

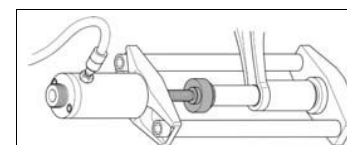
This tool is necessary to retain the various **KL-0039-.. or KL-0043-..** press-/support sleeves if these are to be inserted by using the hydraulic cylinder **KL-0040-2500**. (Thread: M42x2)



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:

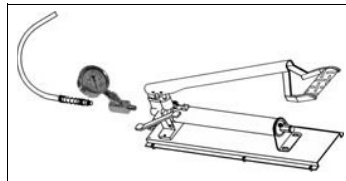
KL-0040-2242 Pull Spindle M16 with nut

| 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.



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 |

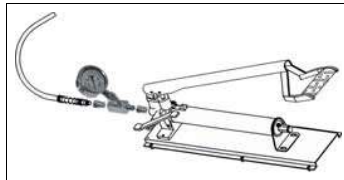
KL-0040-2228 Pressure Gauge for KL-0040-2200 with connector thread 3/8" NPT.



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 |

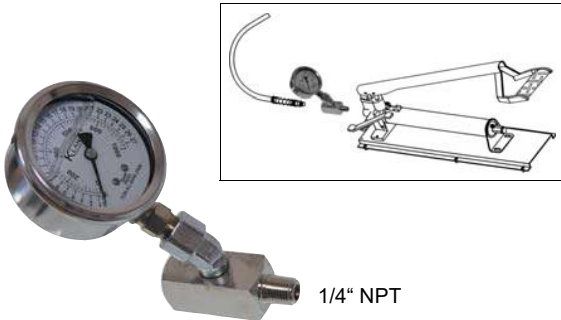
Pressure Gauge for KL-0040-2800 with connector thread 1/4" NPT.

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 |



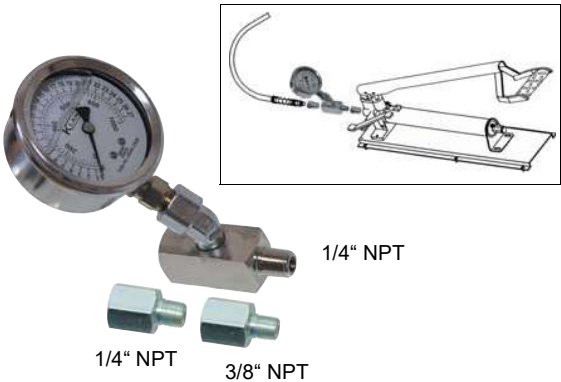
Pressure Gauge for KL-0040-2800 with connector thread 3/8" NPT.

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 |

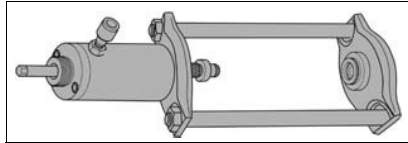
Safety Belt for Hydraulic Cylinder 28t

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 |

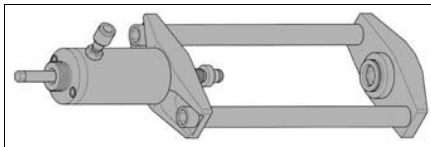
KL-0039-115 Tie Rods (Pair) 350mm long, with Hex Nuts



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 |

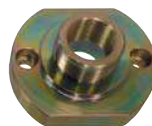
Mounting Bracket for Press Frame

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 |
|-------------------|---------------|



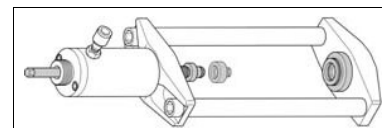
Adaptor M42x2 to Ø30 mm with O-Ring

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 |
|---------|-----------------|



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 |
|---------|------------------------|



Adaptor 2 1/4"-14 UNS 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 |



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

Retaining thread of hydraulic cylinder



Retaining thread of tool set

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 |



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

Retaining thread of hydraulic cylinder



Retaining thread of tool set

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

Retaining thread of hydraulic cylinder



Retaining thread of tool set

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

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.

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

Retaining thread of hydraulic cylinder



Retaining thread of tool set

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

Technical Data:

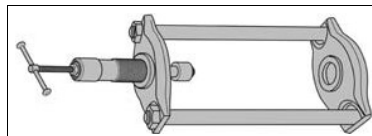
| | |
|------------------|---------------|
| External thread: | M68 x 2 |
| Internal thread: | 2 1/4"-14 UNS |



Note:

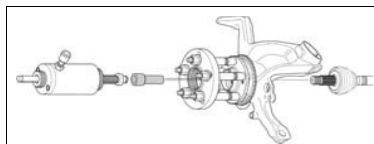
The external thread M68 x 2 measured on the tool set, has an internal-Ø of 65.85 mm. The internal thread 2 1/4"-14 UNS measured on the hydraulic cylinder to be screwed in, features an external-Ø of 56.95 mm.

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 |
|---------|--------|

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:

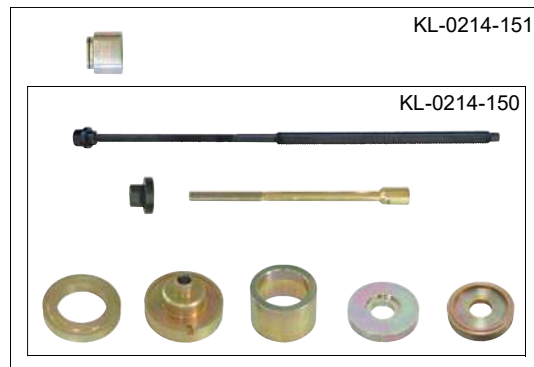
KL-0214-151 Pulling Device for silentblocs without hydraulic cylinder 17 t

| 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 |



4

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:

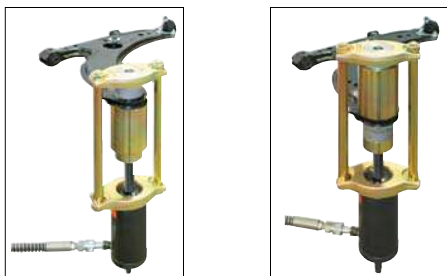
| | |
|--------|--------|
| Weight | 2.8 kg |
|--------|--------|

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 extension 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 silentblocs on the front axle.

Even severely corroded silentblocs 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 silentblocs 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:

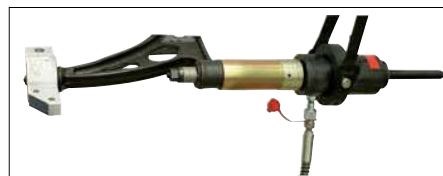
KL-0214-180 Pulling Device for Silentbloc without Hydraulic Cylinder

| 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 |



4

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 |
|---------|--------|

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:

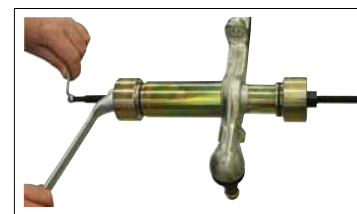
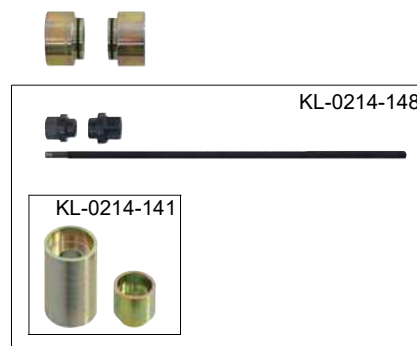
KL-0214-148 Sleeve set with spindle and nuts

| 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 (Ø 40.3 and Ø 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

| Part No. | Description | Qty. |
|--------------|--|------|
| KL-0214-190 | Pulling device for silentbloc without hydraulic cylinder; VW T5 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-0214-190 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, Ø30 mm | 1 |
| KL-0039-1772 | Press-/Support sleeve; long, Ø72 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-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-0214-20 Pulling Device 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-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 |



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 silentblobs 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.


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 silentblochs at the rear axle. Even heavily corroded silentblochs 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 |

4

KL-0215-402 Upgrade Kit Golf II for Press Tool KL-0215-41


Suitable for VW Golf II.

The upgrade kit **KL-0215-402** enables the press tool set **KL-0215-41** also to be used for silentblochs 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 silentblochs at the rear axle. By using this tool, even heavily corroded silentblochs 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 |



KL-0215-530 A



KL-0215-531 A



4

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), Oktavia (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 |

Scope of Delivery:

KL-0215-431 Sleeve set Golf V rear axle trailing arm

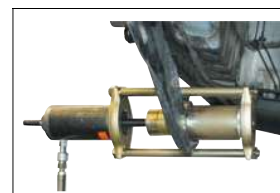
| Part No. | Description | Qty. |
|--------------|--------------------------------------|------|
| KL-0039-1778 | Press / Support sleeve, long Ø78 mm | 1 |
| KL-0039-1678 | Press / Support sleeve, short Ø78 mm | 1 |
| KL-0215-4311 | Press piece Golf V | 1 |



KL-0215-430



KL-0215-431



KL-0215-52 A Pulling Device for Silentbloc Audi A3, VW Golf IV Rear Axle with Hydraulic Cylinder


Suitable for Audi A3; VW Bora, Beetle, Golf IV; Seat Leon, Toledo '01 onwards and Škoda Oktavia '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 Ø30 mm | 1 |
| KL-0215-520 | Pulling Device without Hydr. Cyl. (only for rubber-to-plastic silentblobs) | 1 |
| KL-0215-522 | Upgrade Kit (for rubber-to-metal silentbloc) without hydraulic cylinder | 1 |

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

| 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 silentblobs 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 |



KL-0215-510

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 |



4

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 |



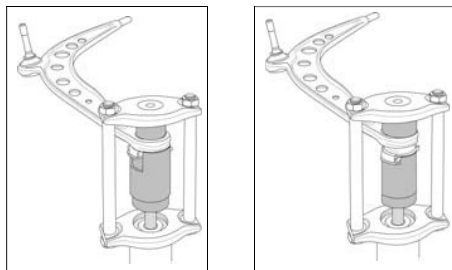
KL-0215-560

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

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-0039-762 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 |

KL-0516-2 Pulling Device for Silentbloc front axle with Hydraulic Cylinder

Suitable for BMW E39 (5 series 1995 - 2003) front axle.

The **KL-0516-2** allows quick, easy and safe removal and replacement of silentblocs in the front tension strut.

Scope of Delivery:
KL-0516-2 Bush Extractor 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-0516-200 | Pulling Device for Silentbloc without Hydraulic Cylinder | 1 |

Scope of Delivery:
KL-0516-200 Pulling Device for Silentbloc without Hydraulic Cylinder

| Part No. | Description | Qty. |
|--------------|----------------------|------|
| KL-0039-1912 | Puller spindle M12 | 1 |
| KL-0516-2001 | Press sleeve 58 mm | 1 |
| KL-0516-2002 | Support sleeve 68 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 |



4

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 |

Scope of Delivery:
KL-0515-110 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-0515-1006 | Press piece A1 | 1 |
| KL-0515-1012 | Press piece E1 | 1 |

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 |



4

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:

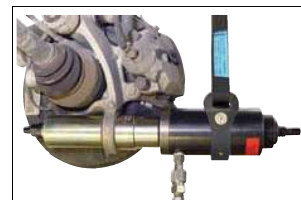
KL-0515-4 A Pulling Device with hydraulic cylinder

| 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 (Ø-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 |

4

KL-0515-50 Pulling Device with Hydraulic Cylinder for BMW E39

Suitable for BMW E39 (5 series) Limousine and Touring Rear Sub-frame.

The pulling device **KL-0515-50** enables quick and safe removal and installation of silentblocs at the rear sub-frame. With this tool, the removal of the rear sub-frame from the vehicle is no longer necessary.



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 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 dismantle 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

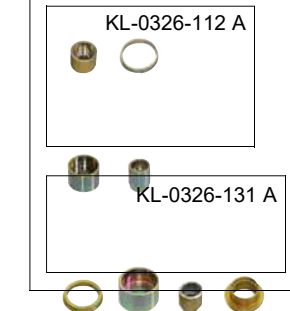
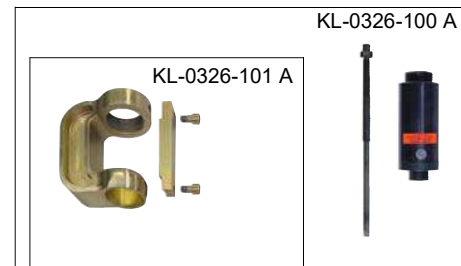
| Part No. | Description | Qty. |
|---------------|---|------|
| KL-0326-1000 | Press Frame | 1 |
| KL-0326-112 A | Set of Sleeves (W163 / W211 / W219 / W220 / W230) | 1 |
| KL-0326-131 A | Set of Sleeves W124 / W201 | 1 |

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 |



4

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 dismantle 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 17 t. | 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 |



KL-0326-12 A Hydraulic Press Tool Set W211 / W219 / W220 / W230 (German Utility Model)


KL-0326-121 A



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 |

4

KL-0326-13 A Hydraulic Press Tool Set W124 / W201 (German Utility Model)


KL-0326-131 A



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 |

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 |

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 |



4

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 |

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:

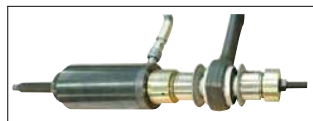
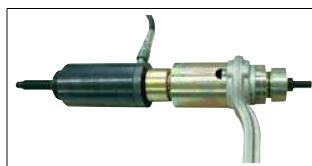
KL-0039-7503 Sleeve Set (short) MB Sprinter

| 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 |



Ball joint extraction

Ball joint insertion

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 silentblobs 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.

**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 |

4

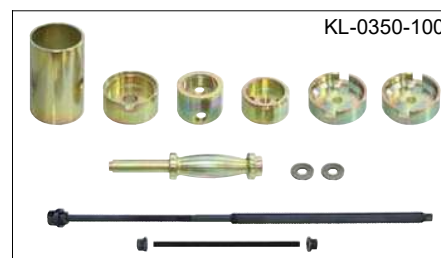
Pulling Device for silentbloc with Hydraulic Cylinder (MB W202)

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)


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 |

4

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.

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 |



4

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 | 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)


KL-0350-43



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)


KL-0350-440



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 Deliver:**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

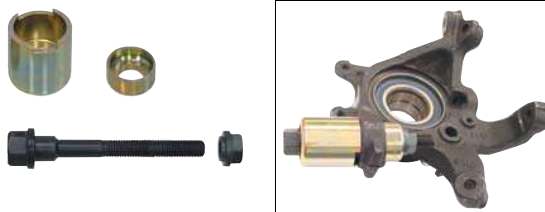
KL-0043-11 A

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 |



4

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)

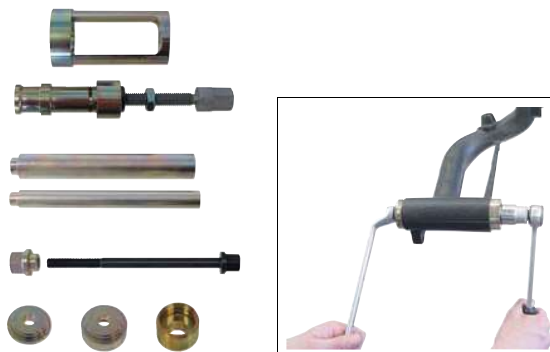
KL-0357-10

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-0357-101 | Collet chuck with support sleeve | 1 |
| KL-0357-1016 | Clamp sleeve | 1 |



KL-0356-11 Pulling Device for Silentblocs with hydraulic cylinder


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 |

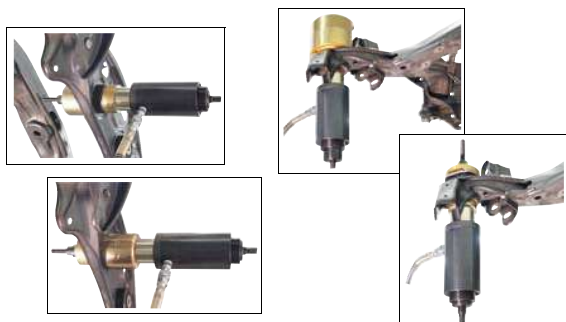
Scope of Delivery: KL-0356-110 Pulling device without hydraulic cylinder

| 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 |

4


KL-0356-12 Pulling Device for silentblocs with hydraulic cylinder (MB W210)


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:

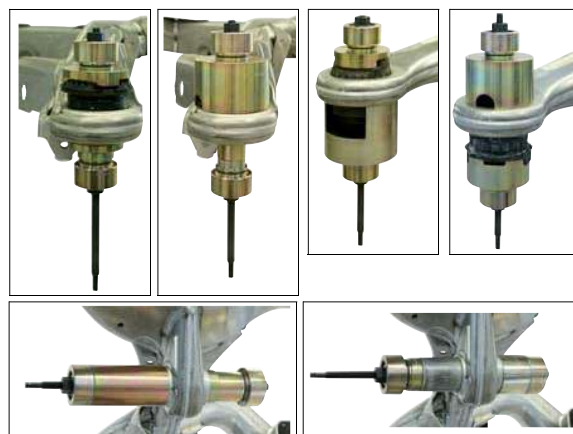
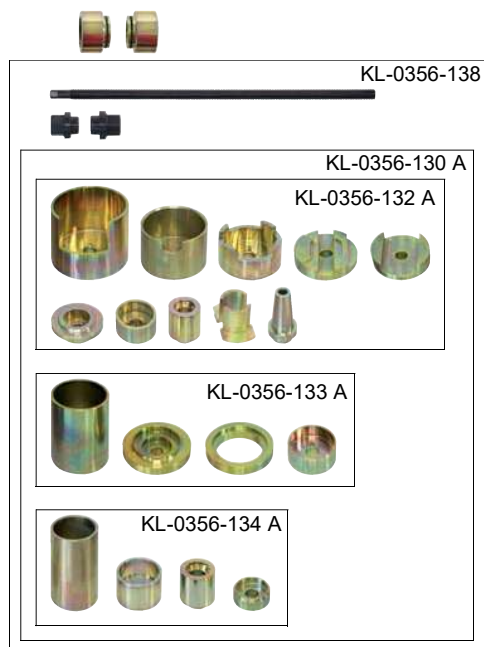
KL-0356-133 A Set of Sleeves for differential bearing Ø66 mm

| 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

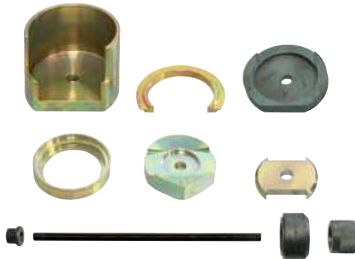

Suitable for Mercedes W140 and W202 rear sub-frame.

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.

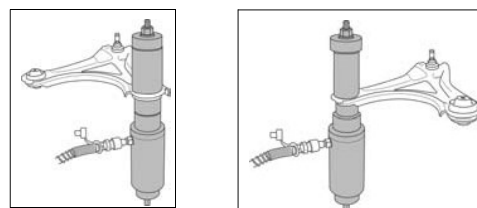
The pulling device **KL-0610-10 A** enables quick and safe removal and replacement of both silentblocs on the front wishbone.

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 |



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 |

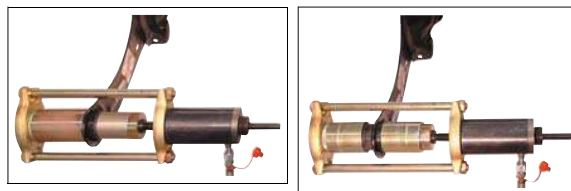
Scope of Delivery: **KL-0610-120 L Hydraulic Press Tool Set without hydr. cyl.**

| 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 |

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

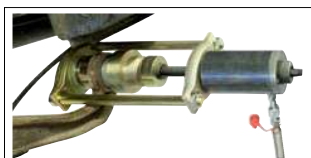
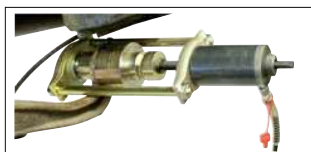
| Part No. | Description | Quantity |
|---------------|---|----------|
| KL-0610-130 L | Press tool set without hydraulic cylinder | 1 |
| KL-0040-2500 | Hydraulic cylinder 17t | 1 |

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 |

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:

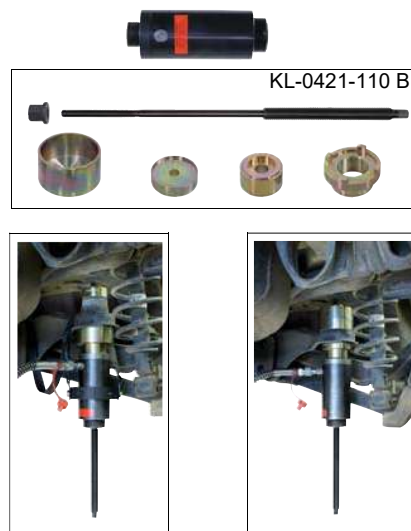
KL-0421-11 B Pulling Device for Silentblocs

| 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 |



4

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:

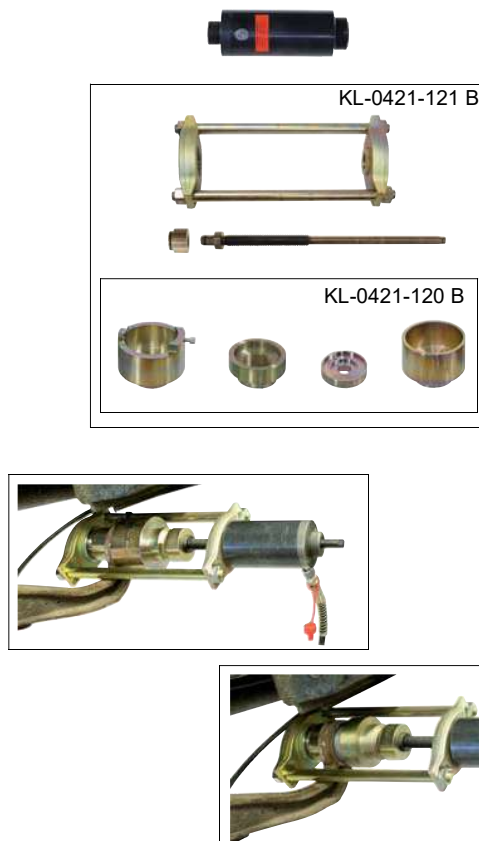
KL-0421-121 B Press Tool Set (short) for silentblocs without hydr. cyl.

| 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 |

4
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 silentblochs 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 |



KL-0039-7100



KL-0039-712

KL-0039-722



KL-0039-732



4



Press out upper ball joint



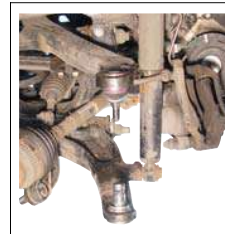
Press in upper ball joint



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 |

4



Press out upper ball joint



Press in upper ball joint

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**

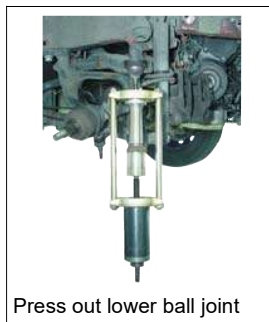
| Part-No. | Description | Qty. |
|--------------|---|------|
| KL-0039-731 | Press Tool Set without hydraulic cylinder | 1 |
| KL-0040-2500 | Hydraulic cylinder 17 t | 1 |

Scope of Delivery:**KL-0039-731 Press Tool Set without Hydraulic Cylinder**

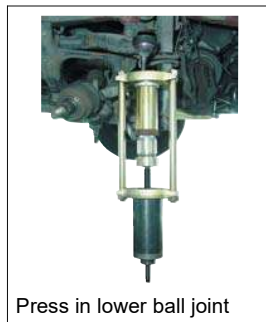
| Part-No. | Description | Qty. |
|--------------|---|------|
| KL-0039-1140 | Press frame (short) | 1 |
| KL-0039-1930 | Pressure spindle M20x350 with O-Ring | 1 |
| KL-0039-1002 | Retainer Adaptor for clamp nut and pressure spindle | 1 |
| KL-0039-732 | Sleeve Set short lower suspension ball joint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



Press out lower ball joint



Press in lower ball joint

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 |



KL-1210-200



KL-1210-201



4

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 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.**

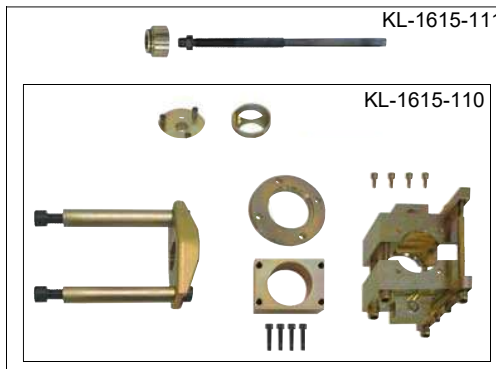
| Part No. | Description | Qty. |
|--------------|--|------|
| KL-0039-1002 | Retainer adaptor for clamping nut and pressure spindle with O-ring | 1 |
| KL-0039-1931 | Pressure spindle M20x405 with O-ring | 1 |
| KL-1615-110 | Press Tool Set without hydr. cyl. | 1 |

Scope of Delivery:**KL-1615-110 Press Tool Set Fiat Stilo without hydr. cyl.**

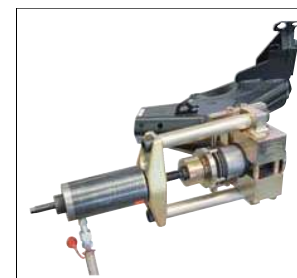
| Part No. | Description | Qty. |
|--------------|-----------------------------------|------|
| KL-1615-1110 | Clamping jaw set with press frame | 1 |
| KL-1615-1129 | Press piece with cylindric pins | 1 |
| KL-0039-1666 | Press/Support sleeve short Ø66 | 1 |
| KL-0039-1712 | Guide pin (long) 12 mm |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

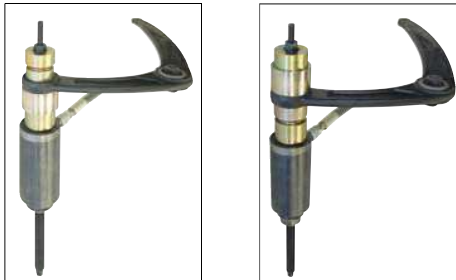


KL-1615-111



KL-1615-110



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

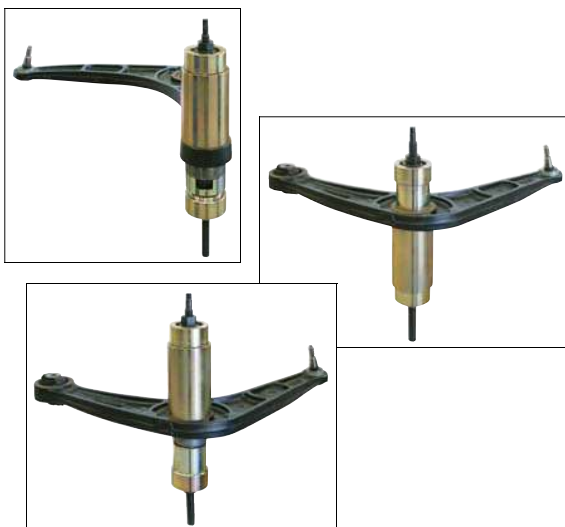
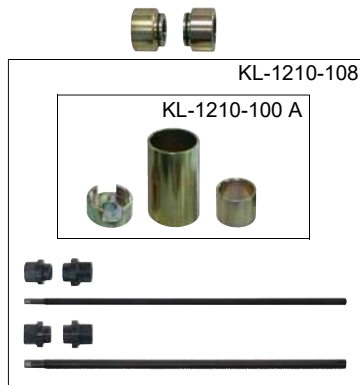
| Part No. | Description | Qty. |
|--------------|---|------|
| KL-1310-121 | Pulling device for silentblocs without hydr. cyl. | 1 |
| KL-0040-2500 | Hydraulic cylinder 17 t | 1 |

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.

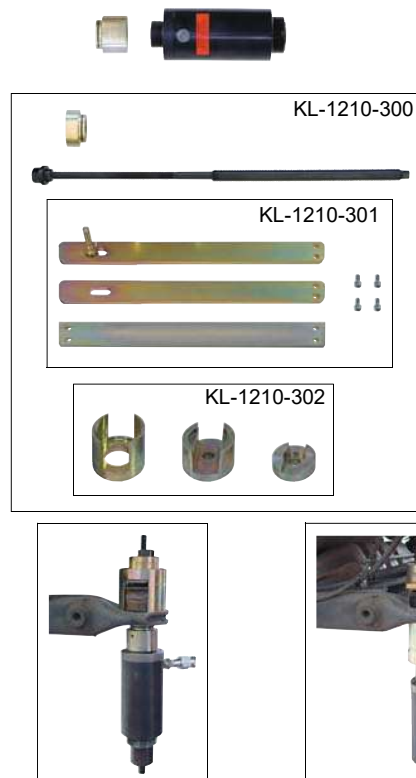
| Part No. | Description | Qty. |
|--------------|---|------|
| KL-0039-1002 | Retainer adaptor for clamp nut and pressure spindle with O-ring | 1 |
| KL-0039-1912 | Pull Spindle M12, with Nut | 1 |
| KL-1210-301 | Fixing unit | 1 |
| KL-1210-302 | Sleeve set | 1 |

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 |



4

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 |
|---------|-------|

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

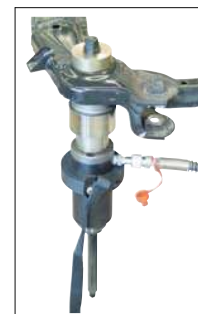
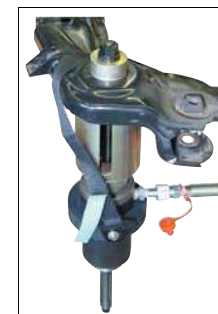
| Part No. | Description | Qty. |
|--------------|---|------|
| KL-1810-011 | Pulling device for silentblocs without hydraulic cylinder | 1 |
| KL-0040-2500 | Hydraulic cylinder 17t | 1 |

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)

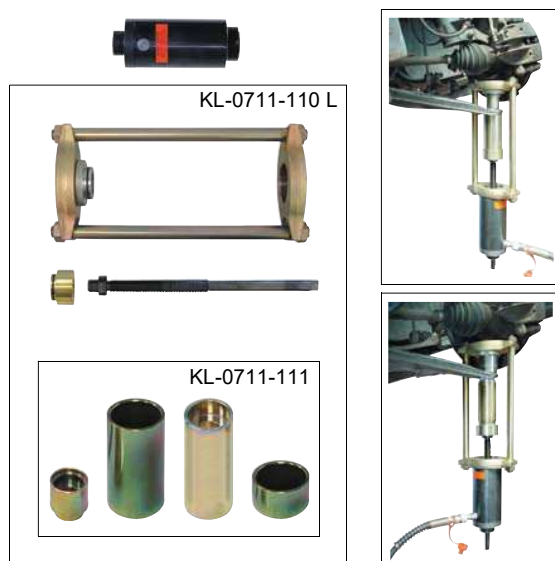
| Part No. | Description | Qty. |
|----------------------|--|----------|
| KL-0710-101 | Set of Sleeves (long) Volvo Wishbone | 1 |
| KL-0710-102 A | Press frame (long) without drive | 1 |
| KL-0039-1002 | Retainer adaptor for clamping nut and pressure spindle with O-ring | 1 |

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, adaptor 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 |



4

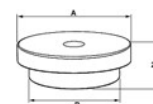
Set of Pressure Pieces with storage case

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.

4

KL-0215-37 M25 Hydraulic Foot Pump



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



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 |

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 |

KL-0215-36

Hydraulic Hand Pump (not shown)

As **KL-0215-36 M25**, but without Pressure Gauge.