



KL-0033-300 E

Hold-Down Device Set with Foam Insert



Product information EN
⚠ Read and understand before use!

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Product description

KL-0033-300 E - Hold-down device set with foam insert

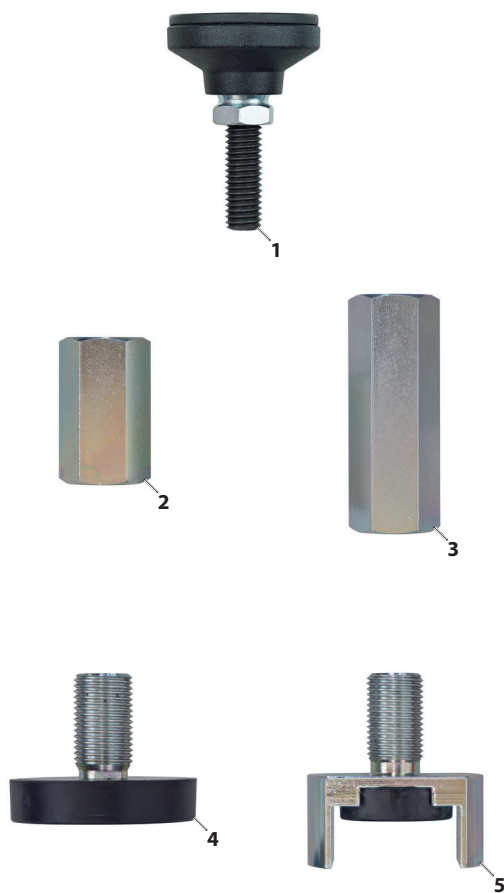
Fits universally for chassis springs on wishbone and multi-link axles for VW-Audi, Porsche, as well as Mercedes, BMW, and Ford, etc.

Fits particularly for rear axles for VW-Audi and Porsche. For example, installed on Audi A4 (8K), A5 (8T), A6 (C6), Q5 (8R), Q7 (4M); VW Touareg; Porsche Cayenne (PO536) and Macan, etc.

The hold-down kit facilitates the removal and installation of suspension springs on wishbone and multi-link axles; it is recommended for removal and installation with the internal-type spring compressor **KL-0033-10 E**, for example.

For this, the downholder is inserted between the upper axle guide and the vehicle body and preloaded slightly. It holds the wheel suspension in its current position while compressing the chassis spring, which reduces the required clamping path and makes the removal of the suspension spring much easier.

EN



Scope of supply/component overview

Item	Part no.	Description	Qty.
1	KL-0033-3003 A	Support, 40mm dia.	1
2	KL-0033-3004	Adjusting nut, short	1
3	KL-0033-3005	Adjusting nut, long	1
4	KL-0033-3002	Support, 50mm dia.	1
5	KL-0033-3001	Support fork	1
-	KL-0033-3090-1	Foam insert	1

i Storage system: Plastic case - KL-4990-9224

Specifications

Drive: key size 22

Diameter of support: 40 / 50mm dia.

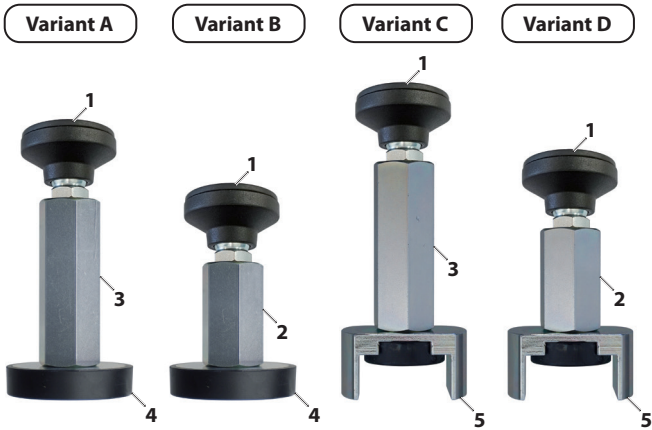
Clamp travel (adjusting nut, short): 80 - 113mm

Clamp travel (adjusting nut, long): 105 - 138mm

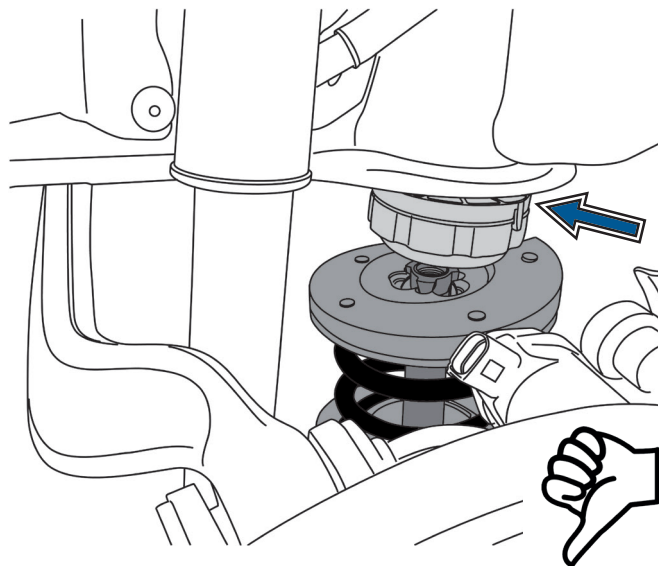
▲ Safety instructions and regulations

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

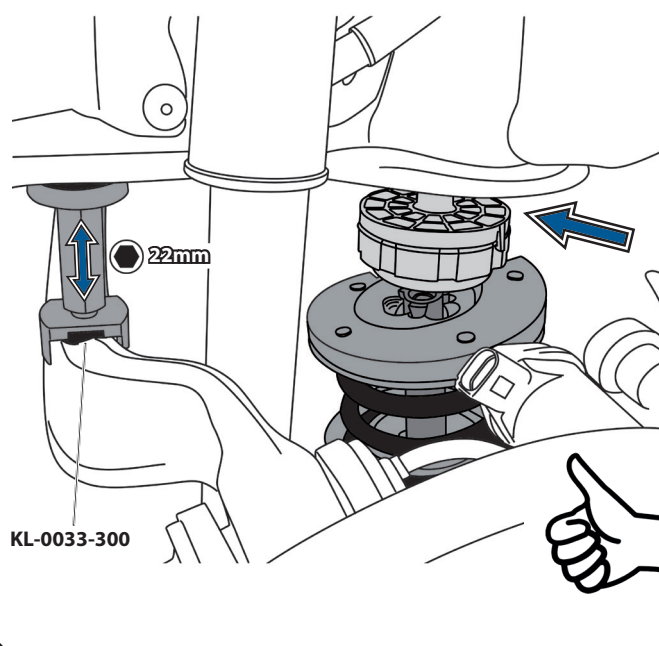
📷 1: Assemble hold-down devices accordingly.



📷 2: Example **without** hold down device



📷 3: Typical application **with** hold-down device - KL-0033-300



Typical application

This typical application describes the insertion and pretensioning of the retainer on an Audi A6 rear axle.

Note: The hold-down device reduces the required clamping travel when removing the chassis spring. (📷 2 + 3)

1. Loosen or dismantle all necessary parts according to the manufacturer's instructions, e.g. remove wheels and detach cable plug connections. 4.

2. Depending on the axle guide and the space available on the vehicle, assemble the hold-down device accordingly. (📷 1)

CAUTION

The wheel suspension can be damaged.

- The hold-down device may only be slightly preloaded so that it cannot fall out of the wheel suspension.
- The wheel suspension must never be forcibly preloaded with the downholder.

3. Insert the hold-down device between the upper axle guide and the vehicle body as shown in 📷 3 and pretension it slightly using an open-ended spanner (size 22mm).

CAUTION

The wheel suspension can be damaged.

- After completion of the work on the vehicle it is absolutely necessary to remove the downholder from the wheel suspension.

4. Change the spring on the vehicle with the help of the spring compressor according to the manufacturer's specifications.

Recommended accessories:

KL-0033-10 E - Compact internal-type spring compressor with size 2A

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