



KL-0167-30 A

Eccentric Spanner to Remove / Install the Inner Track Rod Joint



Product information EN
⚠ Read and understand before use!



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Product description

KL-0167-30 A Eccentric spanner to remove / install the inner track rod joint

Universally suitable for cars and vans, e.g. Audi, BMW, Citroen, Dacia, Ford, Hyundai, Kia, Mazda, Mercedes, Mini, Nissan, Opel/Vauxhall, Peugeot, Porsche, Renault, Seat, Skoda, Toyota, Volvo, VW and many more.

For a quick removal and installation of internal track rod joint or axial joints with a diameter of 30 to 43 mm, directly on the vehicle without removing the steering gear.

The unique open design makes it easy to fit the spanner directly onto the track rod without first having to dismantle the outer, usually seized part of the track rod. Due to the special eccentric, the outer profile on the track rod or axial joint (e.g. 2-sided, 4-sided, 6-sided or round) is irrelevant. The robust profile of the eccentric spanner reliably prevents the tool from slipping. The track rod eccentric spanner is driven by a 1/2" square socket.

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1/2"

2.2 Scope of delivery / overview of the single parts

Part no.	Description	Quantity
KL-0167-30 A	Eccentric spanner	1
KL-0167-3001 A	Housing	1
KL-0167-3002	Shaft	1
KL-0167-3003	Eccentric	1
KL-5501-1420	Grub screw M8 x 12mm	1

Technical Data

Drive:..... 1/2"

For Ø: 30 ... 43mm

📷 1: Preparing the vehicle.



📷 2: Positioning the eccentric spanner.



📷 3: Releasing / tightening the inner track rod.



⚠️ Safety instructions and regulations

- ✔ Read and understand this product information of the special tool and observe all safety instructions for safe use!
- ✔ Please note that maintenance and repair work on motor vehicles must be carried out by trained specialists in specialist automotive workshops, taking into account occupational safety and accident prevention!
- ✔ Prior to each use, check the special tool for damage and replace damaged or worn parts before you use it!
- ✔ The specified vehicle-specific data is given with reservations. Always observe vehicle-specific application procedures in the vehicle manufacturer's repair manual!

EN

Typical application

This typical application describes the process of releasing an internal track rod joint or axial joint directly on the vehicle without removing the steering gear.

- 1) Lift the vehicle safely and prepare all necessary parts for the removal of the track rod in accordance with the manufacturer's instructions. For example, remove the axle boot. 📷 1

ATTENTION

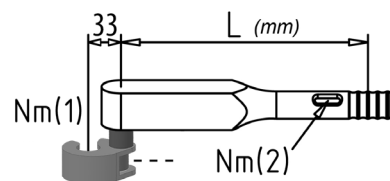
There is a risk of damaging the steering gear.

- ✔ When you release or tighten the track rod, always follow the manufacturer's instructions (steading the steering rod, for example).
- 2) Position the eccentric spanner on the track rod as shown in 📷 2. Using a 1/2" reversible ratchet, you can now release the track rod. 📷 3

Torque conversion formula

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Due to the increased leverage when tightening the track rod with the eccentric spanner, the required tightening torque must be recalculated with the following conversion formula.



1. $Nm(1) \times L = A$
2. $33 + L = B$
3. $A \div B = Nm(2)$

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