

KL-0167-30 A

Excentric Wrench for Axial Joint



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Product description

KL-0167-30 A Excentric wrench for axial 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 43mm, directly on the vehicle without removing the steering gear.

The unique open design makes it easy to fit the wrench directly onto the track rod without first having to dismantle the outer, usually seized part of the track rod. Due to the special excentric, 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 excentric wrench reliably prevents the tool from slipping. The track rod excentric wrench is driven by a 1/2" square socket.



1/2"

Scope of delivery/single part overview

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

Technical Data

Drive: 1/2"

For Ø: 30 ... 43mm

SAFETY INSTRUCTIONS AND REGULATIONS

- Read and understand this product information **before using** the special tool, as it serves to familiarise you with the special tool and thus ensures **safe use**!
- Use the special tool **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!
- **Before each use**, check the special tool **carefully** for damage, loose parts, or unauthorised modifications. **Never** use it if you notice any such deficiencies!
- **Always** wear your personal protective equipment, e.g. safety goggles, protective gloves, safety shoes, if necessary!
- Interrupt your work **immediately** if you are unsure about using the special tool, and contact **GEDORE Automotive GmbH** if **necessary**!
- Dispose of the special tool and its packaging material in an environmentally compatible way in accordance with the legal requirements. If necessary, ask your local authorities or **GEDORE Automotive GmbH** about environmentally friendly disposal options!

📷 1: Preparing the vehicle.



📷 2: Positioning the excentric wrench.



📷 3: Releasing / tightening the inner track rod.



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.

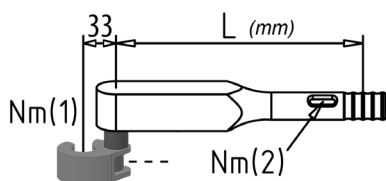
- When you release or tighten the track rod, always follow the manufacturer's instructions (steading the steering rod, for example).

2. Position the excentric wrench 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

ATTENTION

Due to the increased leverage when tightening the track rod with the excentric wrench, 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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