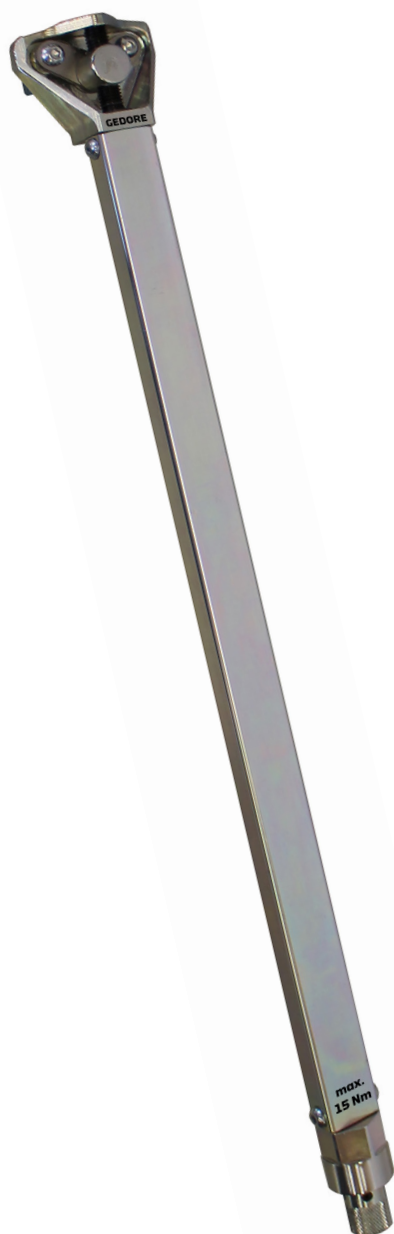


KL-0121-880

Hose Clamp Pliers for Steering Boots, Long Version



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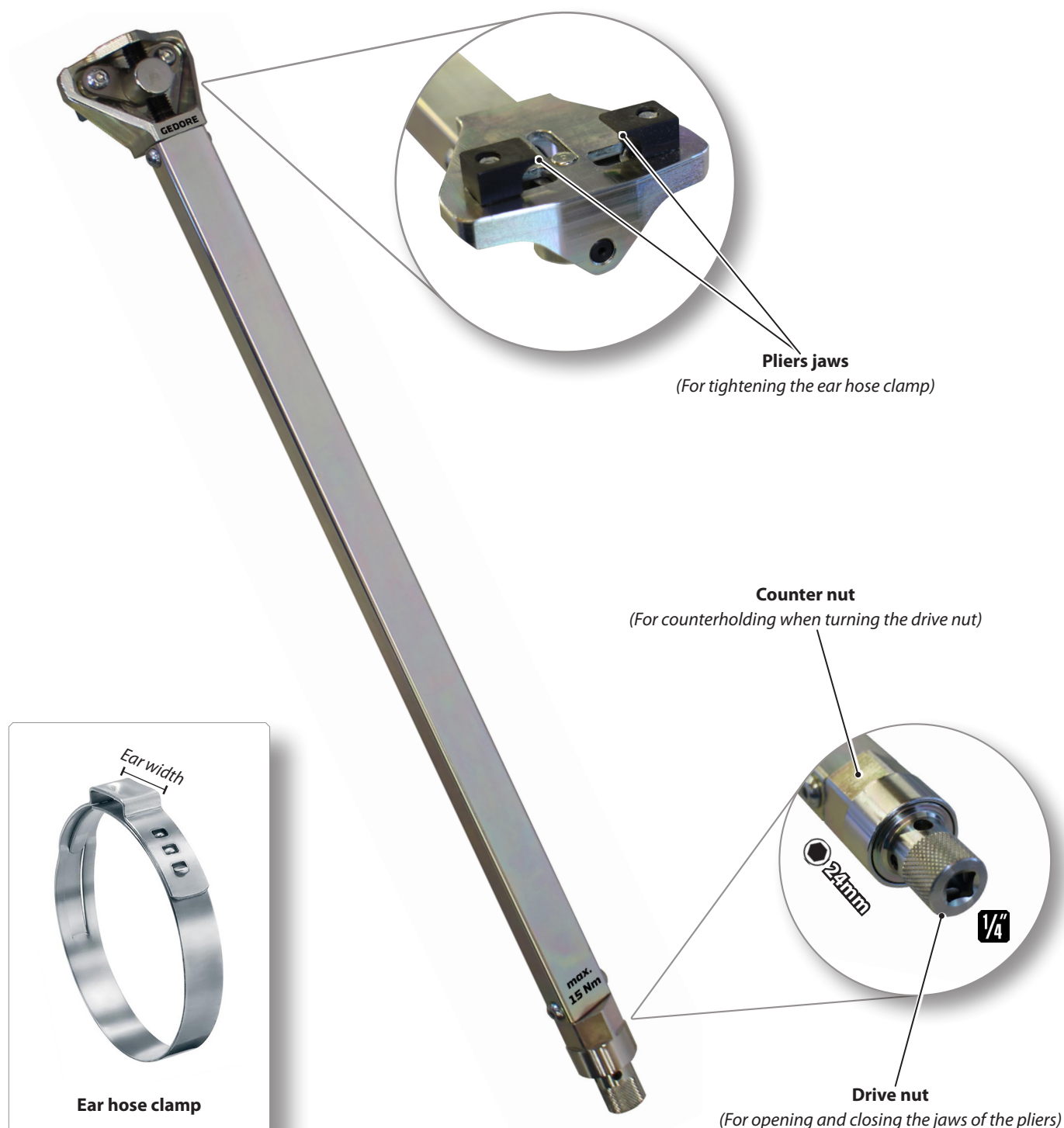
PRODUCT DESCRIPTION

KL-0121-880 - Hose clamp pliers for steering boots, long version

Fits universally for ear hose clamps on steering boots of cars and vans. Especially for ear hose clamps up to an ear width of max. 20mm and a max. required closing force of up to 2400N.

For professional tensioning (compressing) of ear hose clamps on steering boots or similar.

- Tensioning of ear hose clamps exactly to torque specification
- Unique design for particularly hard to reach places
- Drive with a conventional 1/4" torque wrench



Specifications

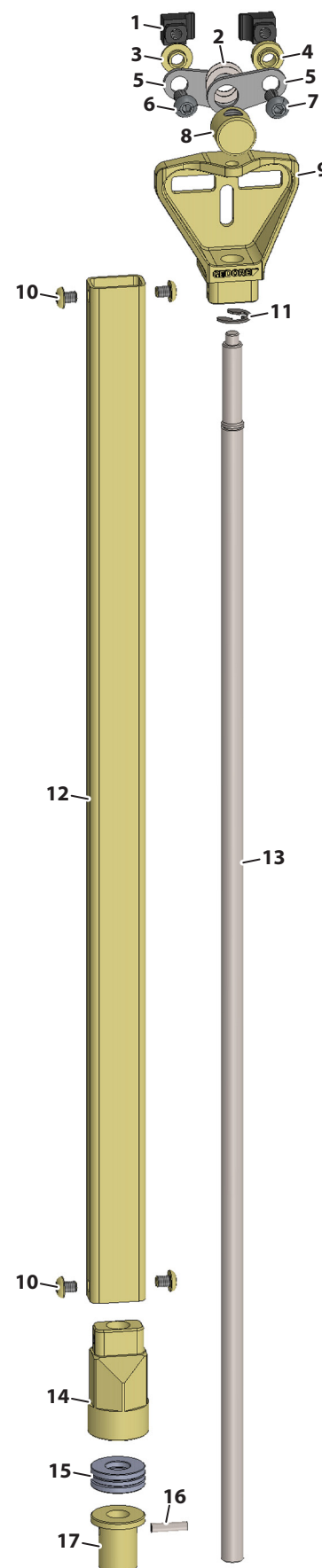
Maximum permissible drive force:	15Nm
Maximum permissible closing force:	2400N
Clamping range of the pliers jaws:	0 - 20mm
Width across flats of the drive nut / counter nut:	1/4" / ● 24mm
Overall length hose clamp pliers:.....	595mm

⚠ SAFETY INSTRUCTIONS AND REGULATIONS

- ✔ Read and understand this product information **before using** the hose clamp pliers. They are intended to familiarize you with the operation of the hose clamp pliers to ensure **safe use**.
- ✔ Use the hose clamp pliers **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!
- ✔ **Never** exceed the **maximum permissible drive force** of the hose clamp pliers and **always** observe the specifications of the vehicle manufacturer when tightening the ear hose clamp!
- ✔ **Never** use the hose clamp pliers with a mechanical drive, **only** drive them by hand using muscle power or a manual drive!
- ✔ Before **each** use, check the hose clamp pliers **carefully** for damage, loose parts, or unauthorised modifications. **Never** use them if you notice any such deficiencies!
- ✔ Before **each use**, check the thread on the hose clamp pliers for dirt. If necessary, clean and lubricate them **only** with molybdenum disulphide paste.
- ✔ **Always** wear your personal protective equipment (e.g. *safety goggles, protective gloves, safety shoes*) during work if necessary!
- ✔ Interrupt your work **immediately** if you are unsure about using the hose clamp pliers and contact **GEDORE Automotive GmbH if necessary!**
- ✔ Dispose of the hose clamp pliers and their packaging material in an environmentally compatible way in accordance with the legal requirements. If necessary, ask your local authorities about environmentally friendly disposal options.

Scope of supply/overview of single components

Item	Part no.	Description	Qty.
-	KL-0121-880	Hose clamp pliers for steering boots	1
1	KL-0121-8821	Thrust piece	2
2	KL-0041-3804-05	Shim washer 11x17x0.5mm	2
3	KL-0121-8801	Spacer sleeve 3.65mm	1
4	KL-0121-8802	Spacer sleeve 5.15mm	1
5	KL-0121-8812	Lever	2
6	KL-0121-8804	Oval-head screw with hexagon socket M6 x 14mm	1
7	KL-0121-8805	Oval-head screw with hexagon socket M6 x 16mm	1
8	KL-0121-8806	Dog	1
9	KL-0121-8810	Housing	1
10	KL-0121-8811	Oval-head screw with hexagon socket M5 x 8mm	4
11	KL-0055-0011	Circlip Ø 8mm	1
12	KL-0121-8813	Shaft	1
13	KL-0121-8814	Rectangular tube	1
14	KL-0121-8815	Bearing carrier AF24	1
15	KL-0028-6021	Axial deep groove ball bearing	1
17	KL-0121-8816	Drive 1/4"	1
16	KL-0121-8807	Coiled spring pin 4x16mm	1
-	KL-0121-8829-2	Rectangular packaging sleeve	1



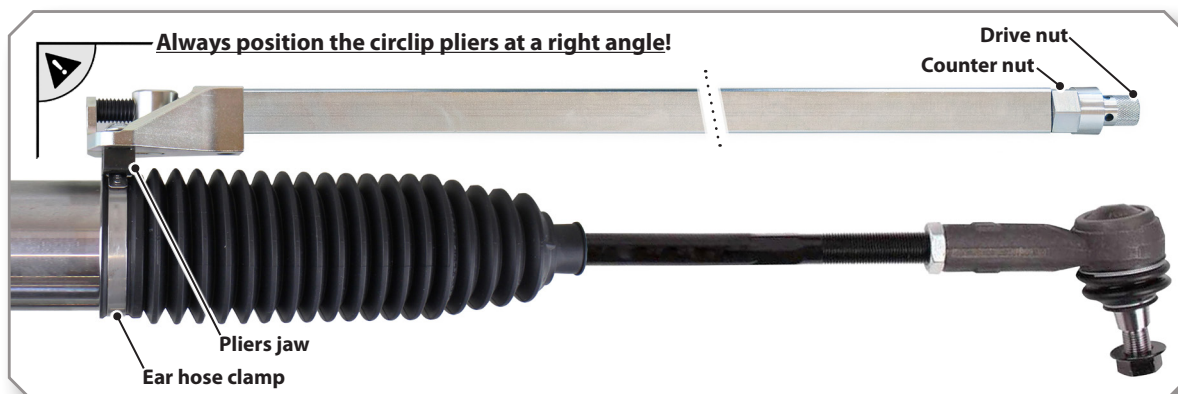
TYPICAL APPLICATION

This application example describes how to tighten an ear hose clamp on a steering boot that is difficult to access using the hose clamp pliers.

Position the hose clamp pliers correctly on the ear hose clamp and tighten according to the manufacturer's instructions.

CAUTION

The steering boot and the steering gear can be damaged by incorrect assembly of the ear hose clamp. For this reason, also observe the vehicle-specific application procedures and manufacturer specifications for tensioning an ear hose clamp!



1. Open the pliers jaws of the hose clamp pliers. To do this, turn the drive nut counterclockwise by hand.

CAUTION

The ear hose clamp can be damaged. Therefore, always apply the hose clamp pliers at right angles to the ear hose clamp!

2. Apply the hose clamp pliers to the ear hose clamp. To do this, turn the drive nut clockwise by hand until the jaws of the pliers are firmly in contact with the ear hose clamp.



CAUTION

The steering boot can be damaged or start to leak due to an incorrectly tensioned ear hose clamp. Therefore, always observe the vehicle manufacturer's specifications when tensioning the ear hose clamp and never exceed the maximum permissible drive force of the hose clamp pliers of 15Nm!

3. Check the position of the ear hose clamp again and clamp it together according to manufacturer specifications. To do this, counterhold the counter nut with a **24mm** open-ended spanner and turn the drive nut clockwise using a **1/4"** torque wrench.



Clamping dimension of the ear hose clamp strictly according to manufacturer specifications!





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