



Original GKN Parts



## ➤ LÖBRO Universal boots

Sometimes an immediate solution is required:  
a driveshaft boot is defective and you do not have the appropriate vehicle specific replacement part at hand. Even if this is the case you can still obtain the reliable quality of LÖBRO boots. GKN offers different types of universal boots - the fast alternative!

Workshop Tips & Tools:  
Universal Boots



## > The fast solution: LÖBRO universal boots

A defective driveshaft boot should generally be replaced by the LÖBRO replacement part specifically developed for the respective joint. In case you don't have the correct replacement boot at hand or it is no longer available to the market the LÖBRO universal boot is your first choice.

### Two types of boots can be used universally

#### A Joint specific universal boots: universally usable and yet most similar to OE boots

- > Five references cover almost all joint dimensions
- > Different designs guarantee the boots to fit optimally on both joint and shaft
- > These boots do not have to be cut to length
- > Ask for our list of applications!



#### B Universal boots: the fast solution, whatever the fit!

- > Applications for all common passenger cars
- > Suitable by cutting for all CV (constant velocity) joint dimensions
- > Single boot kits (part no. 304298)  
or in a box with 12 pieces (part no. 388910)



## > These boots always fit

All LÖBRO universal boots are flexible and can therefore be mounted with a cone or a boot slider. The constant velocity joint does not have to be disassembled!

### > LÖBRO range of joint specific universal boots



LÖBRO part no.	ID	ø big	ø small	length	no. of folds
303142	Universal 1	70	20	97	5
303143	Universal 2	70	18	116	3
303144	Universal 3	80	21	112	4
303145	Universal 4	94	25	124	3
303146	Universal 5	93	26	128	4

### > Dimensions of universal boots

LÖBRO part no.	ID	ø big	ø small	complete length
304298	Universal small	60/75/ 80/85	19	127
388910	Content: 12 universal boots 304298			

### Set of mounting cones, part no. 303147

Can be used for mounting of all LÖBRO universal boots.

- 1x ø small = 35 mm, ø big = 83.5 mm, L = 285 mm
- 1x ø small = 35 mm, ø big = 94 mm, L = 300 mm
- 1x ø small = 35 mm, ø big = 105 mm, L = 305 mm

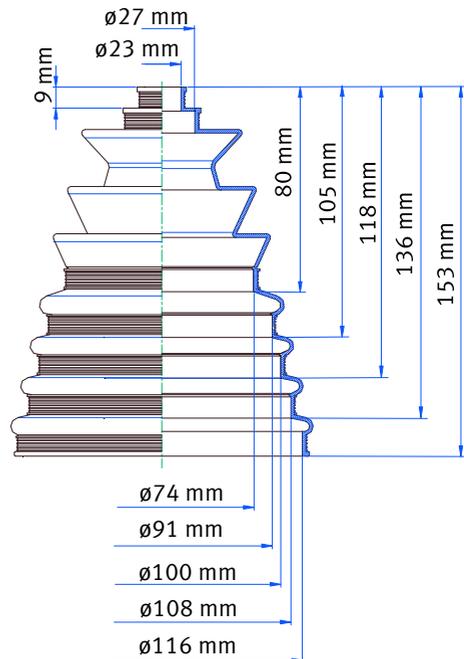


## > The fast solution is now also available for light commercial vehicles



### > Universal boots for light commercial vehicles

- > E.g. for Fiat Ducato, Opel/Vauxhall Movano, Renault Master, Mercedes Vito
- > With their larger diameter perfectly adjusted to OE driveshafts of light commercial vehicles
- > Provide the necessary volume for the amount of grease required
- > Ask for LÖBRO part no. 304299!



ATTENTION: always take care of your own safety and the safety of others. Please work safely and wear safety equipment. Parts or tools falling down may cause serious injury. Injuries such as cutting or bruising are possible.

## > The correct diagnostics

- > A defective boot can always be the indication for a defective CV joint! Therefore you should inspect the joint thoroughly. Does it function properly? Is it enough only to replace the boot?



## > Workshop tips

Universal boot no. 304298 is fitted with an O-ring. It guarantees the boot to fit optimally on joints with a groove.

When applying the universal boot to a joint without groove the O-ring can easily be removed.



Fill 2/3 of the grease provided in the repair kit into the boot and the remaining grease into the joint.

During assembly do not distort or overstretch the boot. When the joint is completely bent the boot must not be stretched.

Always de-aerate boots.

## > Workshop tips & tools

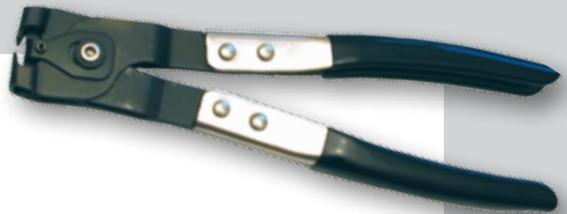
PLEASE NOTE: torn, slipped and porous boots are the most frequent causes of joint failures. Therefore boots and clamps should be inspected carefully during a regular maintenance routine.

- > Take special care that the retaining clip is fitting closely!
- > Use the tools shown in this leaflet for a professional repair.

You can find detailed installation instructions for boots in our brochure “workshop tips” which you can download from [www.gknservice.com](http://www.gknservice.com).



**Universal retaining clips**  
**part no. 304938**  
(10x size 25-50 and  
10x size 40-110 in a set)



### Tool no. 190135

Ideal for tightening the pipe clips on joint boots, radiator and fuel hoses. The hold-down device reliably prevents unintentional opening of the clips after tightening.



Please note that damage caused by an assembly error cannot be covered by warranty!

## > Workshop tips & tools

LÖBRO universal boots are not suitable to replace boots from thermoplastic elastomer (TPE)!

If the defective original boot is made of TPE, then it may only be replaced by an original LÖBRO TPE boot designed for this application. It is capable to fulfill the more complex demands of the respective driveline system reliably.



**Endless retaining clips**  
**part no. 190136**  
(Content: 25 pieces)



**Tool no. 190133**

This tool can be used to both tighten and cut cable ties.



## > Competence from the OE supplier

- > Effective stock management
- > Excellent supply service
- > OE-quality level products
- > Extensive sales & marketing support
- > Updated product catalogue
- > Online catalogue
- > Certified TecAlliance data supplier
- > TecCom

At GKN we understand the requirements and characteristics of front-wheel, rear-wheel and four-wheel drives; we ensure that our products meet the varying needs of all types of vehicles from electrically-operated through to light trucks, sports cars, luxury cars and 4x4 vehicles.

Your partner for premium LÖBRO products:



Original GKN Parts



TecAlliance  
Certified Data Supplier



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