

## Der Getriebedoktor

Inh: Kai Mißfeld  
Bachstraße 25  
24568 Kaltenkirchen

phone 04191 / 66 87  
mobil 0172 / 678 222 1  
fax 04191/ 602 09  
email [info@der-getriebedoktor.de](mailto:info@der-getriebedoktor.de)  
url <http://www.der-getriebedoktor.de>  
UStId DE 134356407

# Installation guide for driven Tamiya steering axles

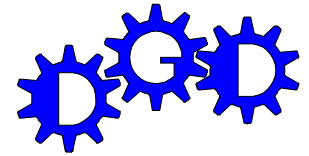
This installation describes the installation of driven steering axles in Tamiya truck chassis:

First of all the standard steering has to be removed. Some parts will be used for the following installation.

To make it more easier to install we recommend to use the installation set (item 30014), the essential parts are contained in this set.

How to do:

- The front fixing points of the leaf springs have to be changed to the upper side of the frame. Be aware to position the fixing points this way that there is enough room to fit the nut on the screws.
- The next Stepp is to mount the front fixings of the leaf springs, using the distance adaptors, one adaptor for each screw.
- Now you have to find the right position for the axle. To do this the wheels have to be put on the axle and the truck is put on a flat base. The axle is positioned correct, if the upside of the wheel is in the same height as the upside of the frame.
- A good practise to do is base the chassis exact in this position. Then you can mark the points for the back fixing of the leaf springs and drill them. Then you can fasten the springs with a longer screw using the distance adaptors.
- Then you can mount the cardans with the 10mm long shaft.
- Fastening this cardans at the front wheel the position of the gear box is given automatically. Now you can fasten the gear box on the chassis. Next you have to shorten the cardan shaft for the back axle.
- Now you can install the cabine holder. For this you can use the longer adaptors.
- Most times you have to reduce the material of the cabine a little bit and the fastener has to be mounted a bit higher.



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**Hint** to mount the wheels:

Installing the wheels you have to remove the ball bearing on the inside of the rim. It is not imperative to remove the ball bearing outside.

We recommend to use our adaptor (item 30020) to get an optimal round running of the wheel.

**Hint** to mount the servos:

If you are an owner of a short version of Tamiya truck, you have to position your servos in a new way. Therefore we offer an own installation description to download. Further on we offer our installation set. (item 30019)