

## Adjustable suspension, assembly manual for type A (Tiger I) License Corleis for HengLong® / Taigen metal hulls

Please read this document carefully before assembling the parts!

A warranty by inappropriate installation or by ignoring of the instructions stated here is neglected.

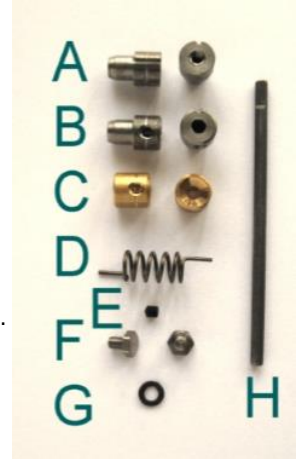
### Scope of delivery

- 16 spring holder (slack side) (A)
- 16 center jaw (C)
- 32 locking screws M3 (E)
- 16 lockwasher M3 (G)
- 16 spring holder (fixed side) (B)
- 16 spring (D)
- 16 hex screws M3 (F)
- 16 axles (H)

### Usability, preparation and necessary tools

**HINT:** This suspension set is usable only for HengLong® / Taigen models or similar!

This suspension set is usable for HengLong® / Taigen metal made hulls of the Tiger I or similar models. The bars and wheels should be mountable already. Check an ease movement of the wheels. You need a jaw spanner with wrench size 5,5 mm and an Allen key wrench size 1,5 mm for the locking screws.



### Assembly and settings

**HINT:** All bars and bar holders can be trimmed and polished before greasing! **Do not rasp our parts.**

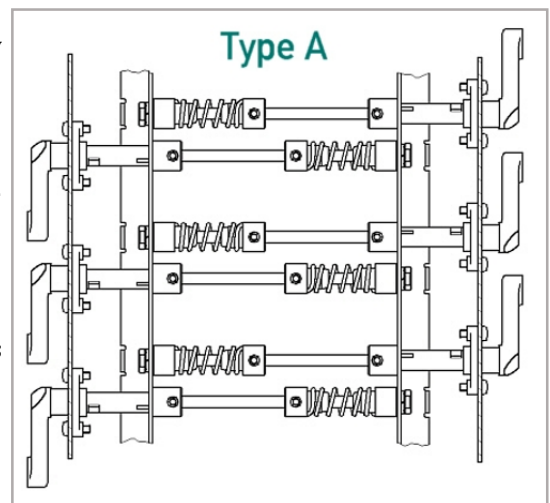
- First slide the spring (D) onto the spring holder (A and B). The spring is in the tappet of each end of the spring holder. Use different spring holder, i.e. a spring holder (B) with lateral thread and a spring holder (A) with longitudinal thread combined with a spring.
- Mount the ready spring units with hex screws (F) and a lockwasher (G) at the mounting bracket. The thread of the spring holder (B) is upside. Then slide an axle (H) with a brass center jaw (C) inside the spring units. The small end of the axle is not inside the spring holder.
- Secure the axles with locking screws (E) and a low torque to prevent slip out. Install the mounting brackets with the assembled spring units into the hull.
- Fit the suspension bar with the wheels. Unclamp the locking screw and slide the small end of the axle as deep as possible into the bar.
- Finally slide the brass center jaw (C) against the mounting bracket and fix it with the locking screw (E). Check all movable parts for ease of movement.



### Tuning of the spring preload

- Make the adjustment for each suspension unit (spring preload) separately and with a moderate torque for the locking screws (E).
- Jack up the tank on a table and loosen the axles. The suspension bars have to be mounted. We recommend a height of 32 mm (distance table - hull) at a weight of 4 kg. Add 2 mm for 1 kg each.
- Adjust the suspensionbars manually – the bars touch the table. Fix the bar with a medium torque for the locking crew.
- After some manually movements of the bars and if the correct final adjustment ist achieved fix the locking screws finally. Do not use force.

**HINT:** A distinctive nodding is achieved, if the first and last suspension bars of each side are adjusted higher than the bars between them, i.e. the end side springs have a lower preload.



**Nicht geeignet für Kinder unter 14 Jahren.**

**Not suitable for Children under 14 years.**

**Ne convient pas aux enfants de moins de 14 ans.**

**Niet geschikt voor kinderen onder de 14 jaar.**

