

## Adjustable suspension, assembly manual for type B (KV-1, Pz III, StuG III etc.) 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.

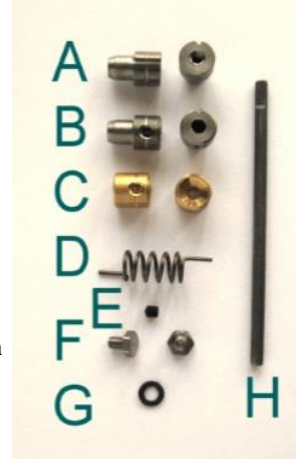
### Scope of delivery

- 12 spring holder (slack side) (A)
- 12 center jaw (C)
- 24 locking screws M3 (E)
- 12 lockwasher M3 (G)
- 12 spring holder (fixed side) (B)
- 12 spring (D)
- 12 hex screws M3 (F)
- 12 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 KV-1, Pz III, StuG III 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.**

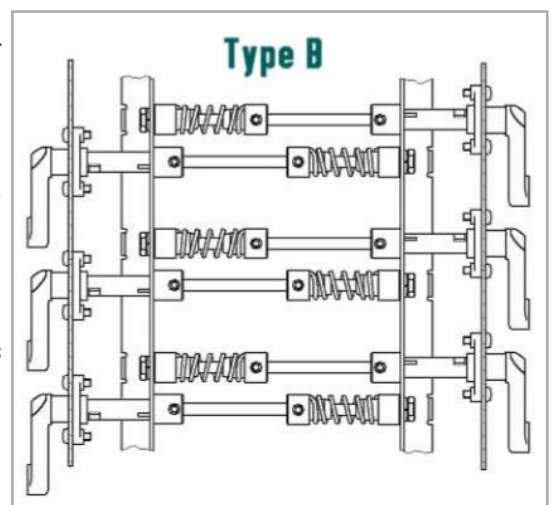
- First slide the spring (D) onto the spring holder (A and B). The spring is in the tappet of each end of the spring holder. Use different spring holder, i.e. a spring holder (B) with lateral thread and a spring holder (A) with longitudinal thread combined with a spring.
- Mount the ready spring units 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.

