

# Assembly instructions

## ACTIV LINK PULSION & FISSION cranksets

Please read the following instructions carefully to obtain optimal results



### STRONGLIGHT products recommendations

All our products are manufactured and designed with care and quality in mind. To ensure correct installation and usage of this product, we advise you to use the services of a professional installer. STRONGLIGHT will not warranty this product in case of wrong installation and / or if not properly maintained.

**ASSEMBLY:**  
Please read the following instructions carefully to obtain optimal results. To avoid the safety / performance / durability and to prevent all risk, STRONGLIGHT recommends to choose only compatible drive system components from STRONGLIGHT brand. In case of modification on original STRONGLIGHT product, warranty could not apply.

**MAINTENANCE:**  
We recommended you to contact your dealer, because many repair tasks and service require specific knowledge and professional tools. Lifespan of STRONGLIGHT products depends on maintenance, using, or user weight.

**WARNING:**  
Failure to follow these instructions could result in failure of the STRONGLIGHT products, an accident personal injury or the death.

### 1/ Technic / tools / recommendation

- 5 mm Allen Key for the chainrings, and 8 mm for the extractor screw
- Cup torque tightening key (VAR N°96100 - SHIMANO® ...)
- Dynamometric key
- Chainrings tightening = 10 N.m - Cups tightening: Do not exceed 40/50N.m
- STRONGLIGHT preconsized a anti seize grease using for all Activ Link titanium axle cranksets (sample delivered with Titanium Activ Link cranksets)
- The left extractor screw should not be removed
- Only the assembly respect of chainrings could insure a right functioning of the crankset.
- When replacing chainrings with new ones, check that they will be in same position than STRONGLIGHT origin chainrings

### 2/ Activ Link components - frame assembly

- Fig N°1** - Central body assembly (2) on right cup (1) - (Fig 1) - o-ring must be greased
- Set assembly by the right of frame box - cup tightening with VAR (N°96100) or SHIMANO® tool at 40/50 N.m: **caution : do not tightened more than 40/50N.m** (the bearing could have some of adjustment problem inside the right cup)
  - Adjust the double line bearing (3) inside the left cup (4)
  - Set assembly - 40/50 N.m tightening (used a dynamometric key and do not exceed 40/50N.m)

**Fig N°2** - Assembled the right crank with his greased bearing (5) and aluminium tube spacer (6)

**Fig N°3** - Greased axle and M15 inside screw (fig 3) - Left crank tightening (allen key n°8)

The left tightening crank put in contact all the parts of this ACTIV LINK crankset. Only a precise and right tightening torque (40 N.m to 50 N.m until the left aluminium insert crank contact and bearing) allows a right and optimized functioning of the crankset.



### FISSION crankset only - crank length adjustment

The FISSION crankset if fitted with the ALS (Adjust Length System) allowing 3 crankset lengths (170/ 175 mm & 172.5 mm) on the same crankset.

**Length Adjustment (170 /175 & 172.5 mm).**  
Respect the side of aluminum inserts and Stainless Steel plate assembly

**Insert and pedal assembly:**  
Do not forget to grease the oblong conical insert with waterproof grease, the thread and the outside portion of the insert in contact the stainless steel shield. When tightening the pedal, the insert and the stainless steel plate will lodge themselves in the right position.

**Insert Disassembly:**  
When you want to change the length for example:  
Loosen the pedal (1 turn) and tap its extremity gently with a rubber and wooden mallet to disengage the oblong conical insert

