

Assembly instructions

Z'light - Impact - Oxale ACTIV LINK 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.
To ensure correct installation and usage of this product, we advise you to use the services of a professional installer.

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

1/ Technic / tools / recommandation

- 5 mm Allen Key for the chainrings, and 8 mm for the extractor screw
- Cup torque tightening key (VAR N°96100 - SHIMANO® ...)
- Shimano® compatible key (VAR 890600-89620-89630 / FSA / PARK TOOL BBT2)
- Dynamometric Key
- STRONGLIGHT preozonized a anti seize grease.
- 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 + integrated bearing (1) - (Fig 1) - o-ring must be greased
- Aluminium tube spacer (8) assembly (inside the central body (in contact with bearing)
- Set assembly by the right of frame box - cup tightening with VAR (N°96100) or SHIMANO® tool at 40/50 N.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)

Cups must be in contact with the frame box

Fig N°2'
- Assembled the left crank with greased axle

Fig N°3'
- Greased left side axle and M15 inside screw (Fig 3)
- Right crank tightening (allen key n°8)

The right 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) allows a right and optimized functioning of the crankset.



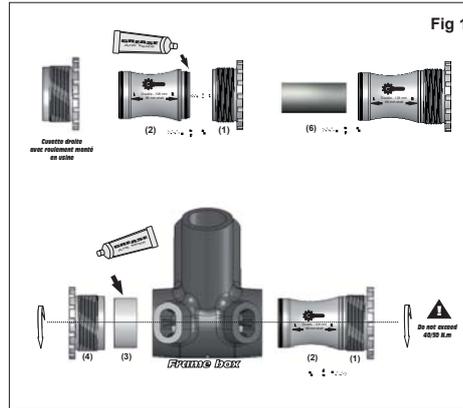
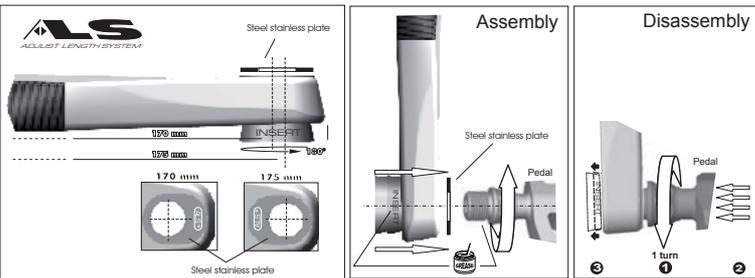
OXALE (MTB) crankset only - crank length adjustment

The OXALE crankset is fitted with the ALS (Adjust Length System) allowing 2 crankset lengths (170/ 175 mm) on the same crankset.

Length Adjustment (170/175)
Respect the side of aluminum inserts and Stainless Steel plate assembly
L= left - R=rightL .)

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.



Right side bearing disassembly

Right cup assembled on the frame - Right bearing is assembled in our factory, for his replacement please remove the aluminum nut (6) with a Shimano® compatible tool (VAR 890600-89620-89630 / FSA / PARK TOOL BBT2). For the assembly of the new bearing, respect the same instruction (tube the bearing before inserted it into the right cup). Tightening = 25 N.m

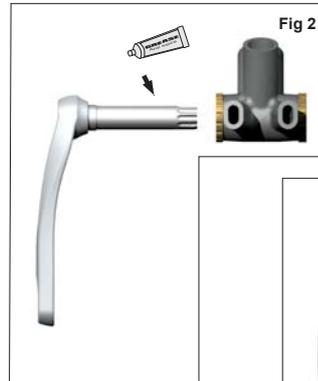


Fig 2

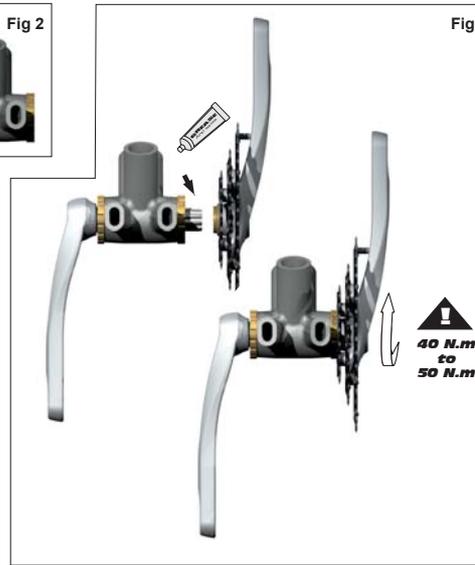


Fig 3

