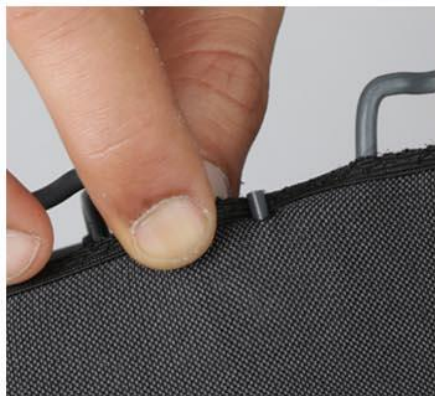


Dismantling a PIA-1



1- Remove gently the fabric



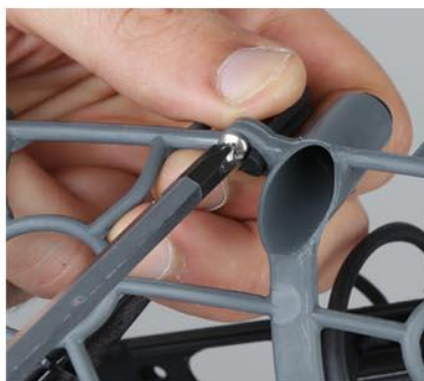
2- unscrew the XLR's boot holding the metal body fixed



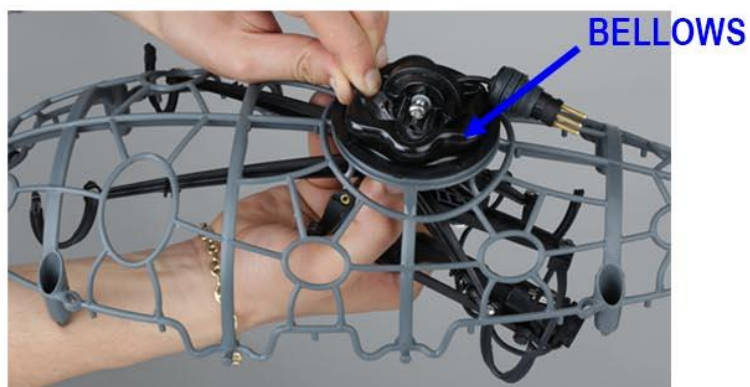
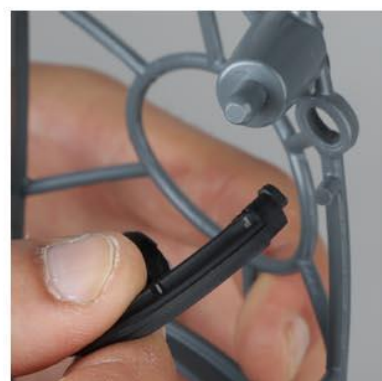
3- Unscrew the knob (KNOB-SW-2)



4- Remove the swivel base from the hilt



5- separate the four isolators from the cage



6- help the hilt + cable to pass the bellows hole



7- cut the tie-rip, detach the cable and unscrew the suspension module



8- with a hexa key 3mm separate the hilt from the cross

PIA-1 reassembling



9- well guide the hilt in his housing and screw it to the cross holding both parts firmly to keep the good interlocking



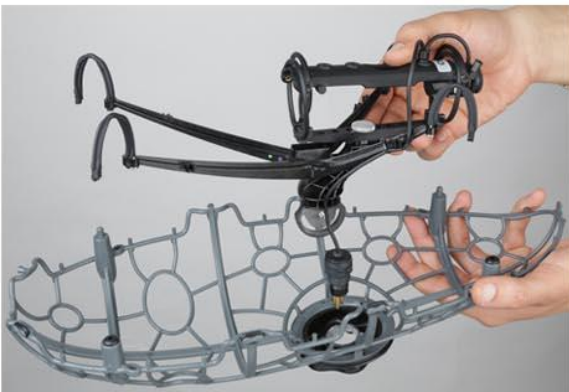
10- tighten with a hexagon key 3mm



11- by holding firmly the Hilt part, twist very gently the cross to check that the two parts are well interlocking



12- by screwing the suspension module as far back as possible, the length of the cable will be optimized for all others modules and positions, then fix the cable to the cross with a cable tie at the place of the smaller cross diameter (for the tie-rap not to move along the cross arm)

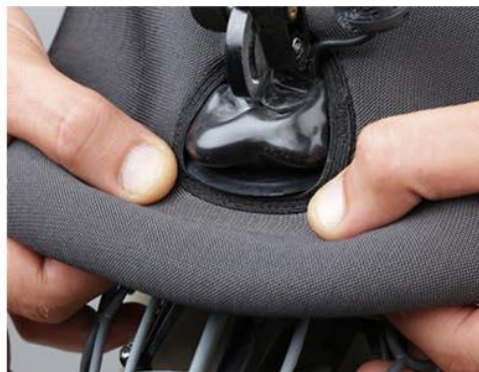


PIA-1 reassembling



13- rescrew the 4 isolators to the cage

14- if necessary, sand the surfaces in contact between the hilt and the swivel base for a better tightening of the base during use (100 grit sandpaper)



15- after use in dusty or salty environments, the bellows may become sticky, it's advised to clean it with soap+water and put some baby talc powder around and in the bellows hole to avoid rubbing noise.



16- if necessary, reform the cage, the plastic is unbreakable



Fig 1

The O'rings act as shock absorbers. They are not to be used to attach the two parts of the cage together. Fig 1: a rigid link is created between the two parts of the cage, which can increase resonances, Fig 2 : the O'rings damp the vibrations. The link between the two parts is decoupled.



Fig 2