



SEA STINGER REBUILD KIT

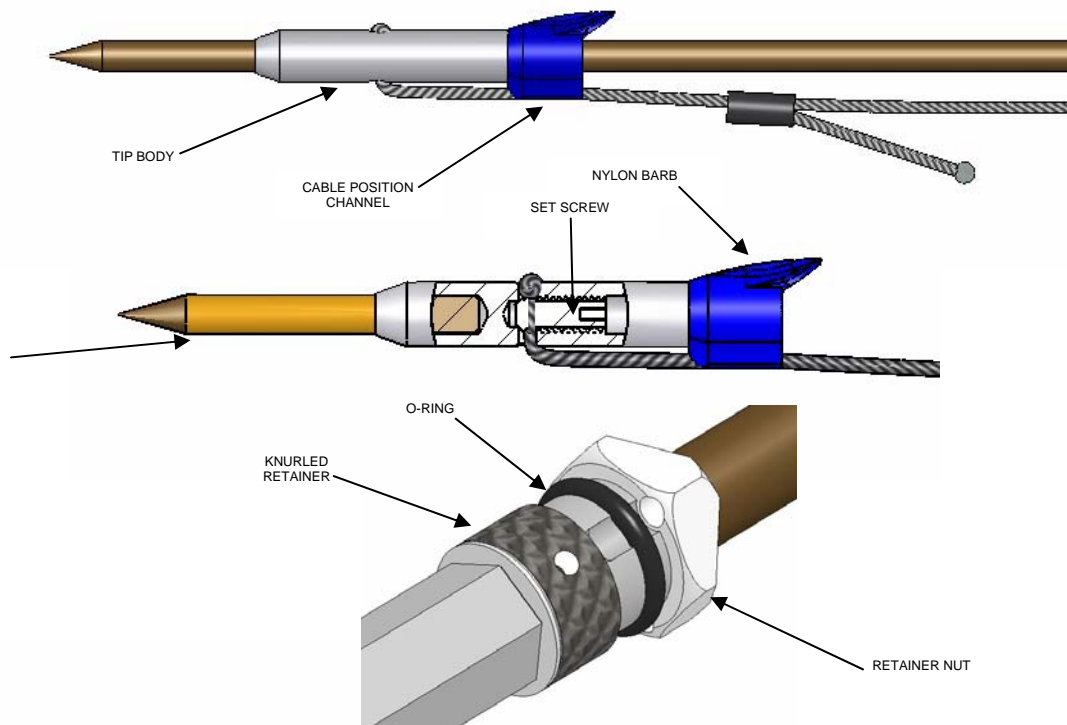
PARTS LIST:

2 – CABLES
2 – NYLON BARBS
2 – #11 O-RINGS
1 – 5/64" ALLEN WRENCH

REBUILDING YOUR SEA STINGER TIP AND CABLE:

To sharpen the tip properly, it is necessary to remove the Nylon Barb and the Cable from the tip. Usually, the Nylon Barb is damaged and the Cable is frayed by the time the tip needs to be sharpened, so it is more efficient to rebuild the tip one at a time. Use a knife, box blade, etc., to split the ring of the Nylon Barb and remove it from the machined ring recess of the Tip Body. A #8-32 stainless Set Screw is threaded into the Tip Body from the back opening. Remove the Cable by using the 5/64" Allen wrench included with the kit by backing out the #8-32 Set Screw. Place the back end of the Tip Body in the chuck of electric hand drill. Using a bench grinder, diamond hone, or other grinding source, regrind the tip to a sharp point. Place a new Nylon Barb on the edge of a solid flat surface with the tapered end up and the barb end down over the edge of the solid surface. Align the Cable Position Channel of the Nylon Barb with the side hole of the Tip Body. Place the base end of the Tip Body into the tapered end of the Nylon Barb and push it down by hand as much as possible keeping the parts in alignment. Using a rawhide, plastic, wood, or hard rubber mallet, tap the sharp end of the tip down until the Nylon Barb collar locks into the machined ring in the Tip Body. A block of wood or a lead weight belt weight will also work. Replace a new Cable into the side hole of the Tip Body and tighten up the Set Screw. It is highly recommended that you place a small amount of marine grease on the Set Screw every time you remove it to help in corrosion control. If the Cable is not aligned with the Cable Position Channel on the Nylon Barb, turn the Nylon Barb until the Cable Position Channel lines up with the Cable. After aligning the Cable Position Channel, pull the Cable tight and tap the Cable into the Cable Position Channel with a small hammer or other hard object. This will form the Cable so that it will lie close to the Tip Body as illustrated.

The #11 O-Ring that is attached to the Knurled Retainer is replaced by stretching the O-Ring over the shaft and Retainer Nut and onto the circular groove on the Knurled Retainer. This is much easier to do than to come from the back side.



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