3. Unblocking the tool

- **IMPORTANT: Apply working force on the tool handles while unblocking. It will prevent hurting yourself and possible damages on the tool.**
- Using small screwdriver or similar tool, push the ratchet relief (A), located inside the moving handle, (Fig. 7.) in direction as shown to unblock the tool, and remove obstruction before continuing with the work.
- With this tool **only** microplugs of **appropriate type** have to be used. Crimping microplugs of unsuitable type may result with unsatisfactory characteristics of crimped connections and eventually with damaging of the tools and is to be strictly avoided.

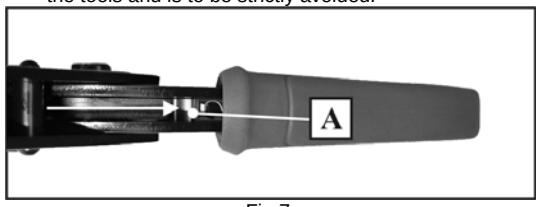


Fig.7.

4. Tool regulation procedure

- After prolonged work period, tool crimping performance can change slightly due to final self-adjustment of the tools' components. This handtool is equipped with eccentric axle which allows periodical adjustment of crimping force and tool recalibration to maintain correct crimp performance.

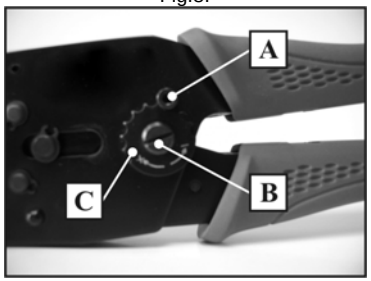
1. Loosen and remove allen head screw (A) using a 2.5 mm allen wrench. (Fig.8.)
2. Using a screw driver turn eccentric axle (B) and toothed adjustment wheel (C) into new position.

direction + for enlarging crimping force and reducing gap between crimping dies

direction – for reducing crimping force and enlarging gap between crimping dies

3. Reinstall allen head screw (A) and tighten it.

Fig.8.



4. Maintenance and general remarks

- Crimping handtool 900007 is intended to be used for crimping of shielded plugs Sentinel 111S&110S, "C" version shield. Using this handtool for any other purpose, or for crimping of any other objects, can result in damaging the tool and the objects being crimped and prevention of its normal further functioning, for what manufacturer cannot be held responsible.

- Handtool is equipped with full cycle ratchet mechanism which with optimized leverage system within the tools make working with these tools easy and simple. In case of improper crimp, ratchet release mechanism allows you to easily open the handtool and remove obstruction before work is continued. Check unblocking procedure (item 3.).

- Tool itself also incorporates possibility of periodical adjustment of the crimping force and tool recalibration via eccentric axle to maintain correct crimp performance. Check recalibrating procedure (item 4.).

- For removal of dust, moisture and other contaminants usage of clean brush or soft, lint-free cloth is recommended. Do not use agressive agents (thinner, alcohol,...) or hard objects that could damage the tool.

- Make sure that, during the work, bearing surfaces, shafts and pivot points are protected with thin coat of quality machine or motor oil. Do not oil excessively.

- When the tool is not in use, store it in a closed position – with handles closed. That will keep other objects from becoming stuck between crimping dies and damaging them. Keep the tool in a dry and clean area.

part number:

bex **K767**

professional crimping tool for shielded modular plugs with external strain relief

please read this brochure carefully before using the tool for the first time

1. Preparing the tool for work

- With this tool **only** plugs of **appropriate type** should be used. Cable size is also very important; check Table 1. for applicable plugs and cable O.D.
- Fig.1. clarifies terms "upper sub-insert" and "lower sub-insert" necessary for correct tool preparation. Using the inappropriate combination of sub-inserts and cable size (O.D.) may result with false crimp, and tool damaging for which the manufacturer can not be held responsible.

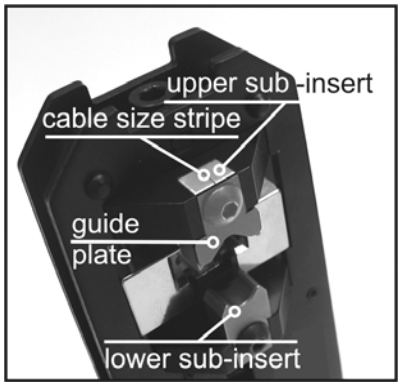


Fig.1.

- Sub inserts are easily dismounted using the 2.5 mm allen wrench (supplied).

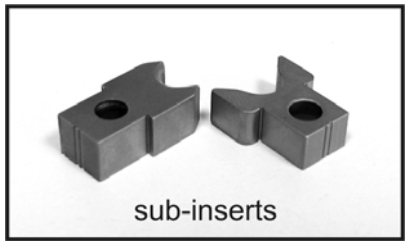


Fig.2.

- Store sub-inserts (Fig. 2.) adequately when separated from the tool. Keep them dry and clean.

- Always remember to reattach guide plate (Fig.1). Failing to do so may influence normal tool functioning.

2. Terminating procedure

- Load the plug according to plug manufacturers instructions.
- **IMPORTANT: Straighten the plug-cable assembly according to Fig.3, as it may be bent during the wire inserting.**

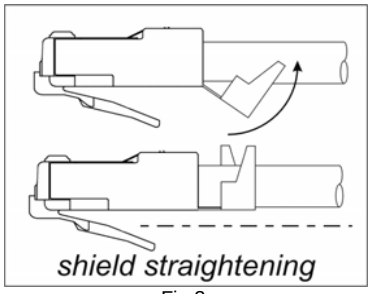


Fig.3.

- Insert the plug assembly in the tool as shown (Fig.4). Clicking sound of the plugs' locking tab is the end of inserting process.

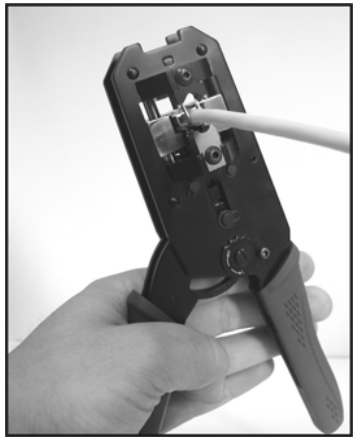


Fig.4.

- **Slowly** close tool handles completely to perform full cycle crimping. (Fig.5.)

ⓘ In case the tool becomes block for any reason, please follow unblocking procedure (item 3. - back of this brochure).


5.

- After the full crimping cycle is done, open the tool fully in order to remove crimped plug. Press the release button (A) (Fig.6.) at the back side of the tool and pull out the plug assembly. The tool is ready for next crimping cycle.

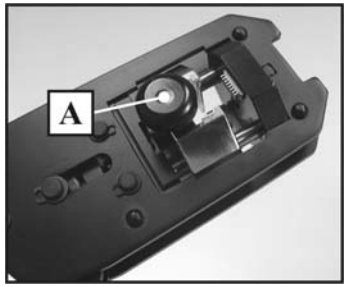


Fig.6.