Product Information Sheet

BEL STEWART 298007X-01 CRIMP TOOL Complete with dies

55-3219 BEL STEWART 2980075-01 CRIMP TOOL Complete with dies for RJ45 shielded Cat6 plugs
55-3220 BEL STEWART 2980078-01 CRIMP TOOL Complete with dies for RJ45 shielded Cat6A plugs

DESCRIPTION

Crimping tools for SS-39200-0xx shielded plugs, specifically:



For Cat6 cables

0.94 – 1.07mm conductor insulation dia. **5.9 – 6.3mm outside dia.**

46-657 BEL STEWART SS-39200-011 RJ45 Cat6 FTP, shielded (pack of 5)

46-6417 BEL STEWART SS-39200-011 RJ45 Cat6 FTP, shielded (pack of 100)

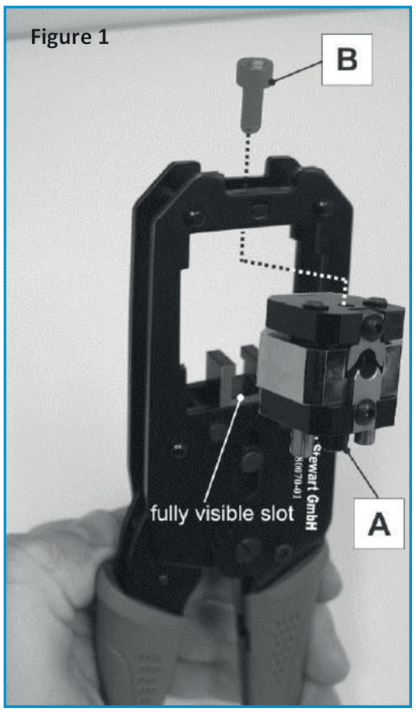
For Cat6A cables

0.42 – 1.22mm conductor insulation dia. **6.86 – 7.49mm outside dia.**

46-658 BEL STEWART SS-39200-030 RJ45 Cat6A FTP, shielded (pack of 5)

46-6418 BEL STEWART SS-39200-030 RJ45 Cat6A FTP, shielded (pack of 100)

IMPORTANT: Never use cable having outer diameter larger than specified. Only plugs of appropriate type should be used with the tool.

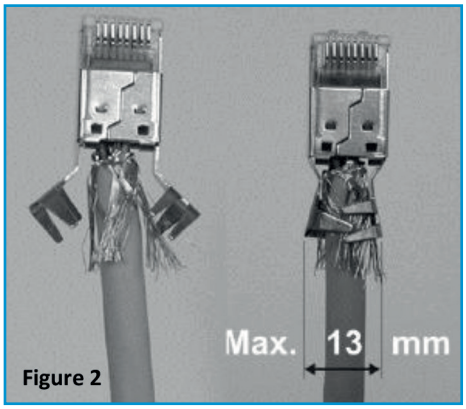


1. PREPARE THE TOOL

In order to place the dies-set in the toolframe, close the handles just as enough as to make the slot on pusher fully visible (do not close it fully) (Fig. 1).

Insert the dies-set 298007x-01 in the toolframe and make sure that pulling bolt "A" matches the slot in the pusher.

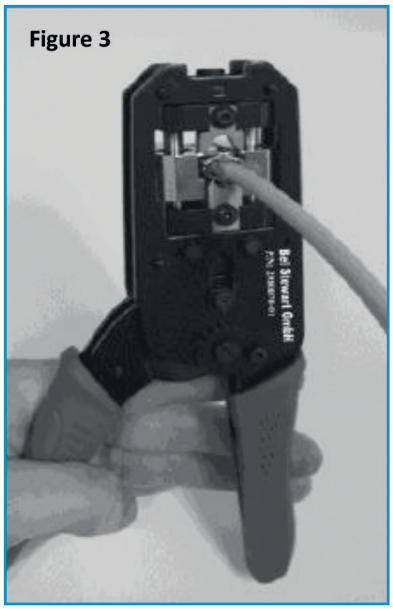
After the dies-set is properly positioned in the toolframe, fix it by means of socket head cap screw "B".

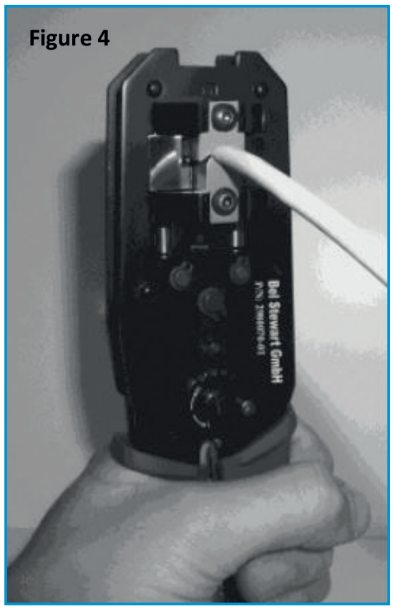


2. TERMINATING PROCEDURE

Assemble plug onto cable according to manufacturer instructions.

IMPORTANT: Prior to crimping, close the shield wings by hand. Width of shield wings shouldn't exceed 13 mm (Fig. 2).



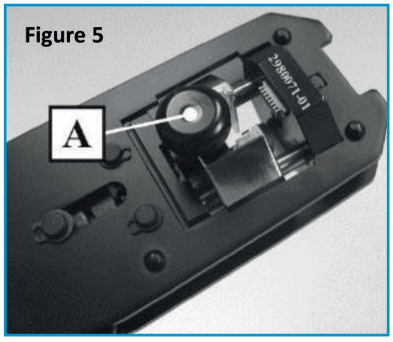


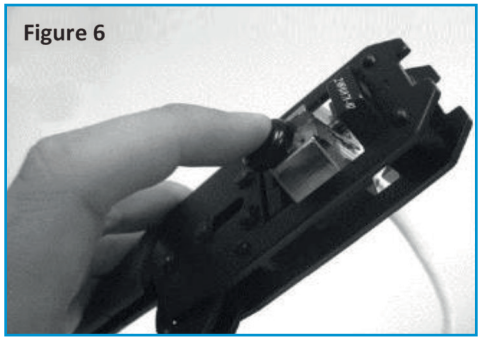
Insert the plug assembly in the tool as shown (Fig. 3).

Clicking sound of the plugs' locking tab is the end of inserting process.

Slowly close tool handles completely to perform full cycle crimping. (Fig. 4).

NOTE: In case the tool becomes blocked for any reason, follow unblocking procedure Item 3. on the next page of this document.



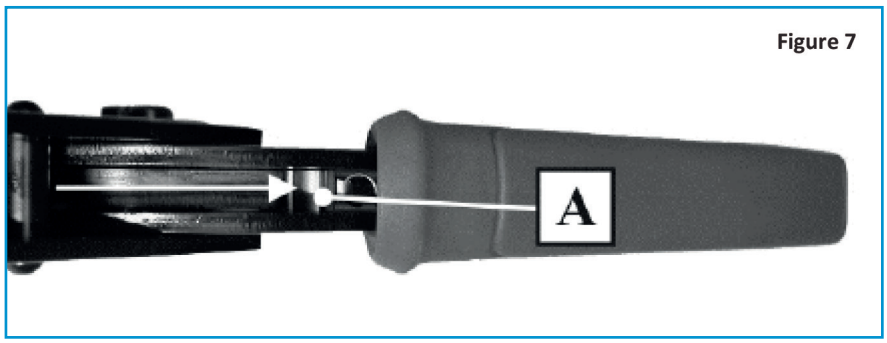


After the full crimping cycle is done, open the tool fully in order to remove crimped plug.

Press release button (A) (Fig. 5 & 6) at the back side of the tool and pull out the plug assembly.

The tool is ready for next crimping cycle.

3. UNBLOCKING THE TOOL



IMPORTANT: Apply working force on the tool handles while unblocking. It will prevent hurting yourself and possible damages to the tool.

Using small screwdriver or similar tool, push the ratchet relief (A), located inside the moving handle, (Fig. 7) in the direction as shown to unblock the tool. Remove obstruction before continuing with the work.

Use only connectors of appropriate type with this tool. Crimping connectors of unsuitable type may result in unsatisfactory crimped connections and may in damage to the tool.

4. TOOL REGULATION PROCEDURE

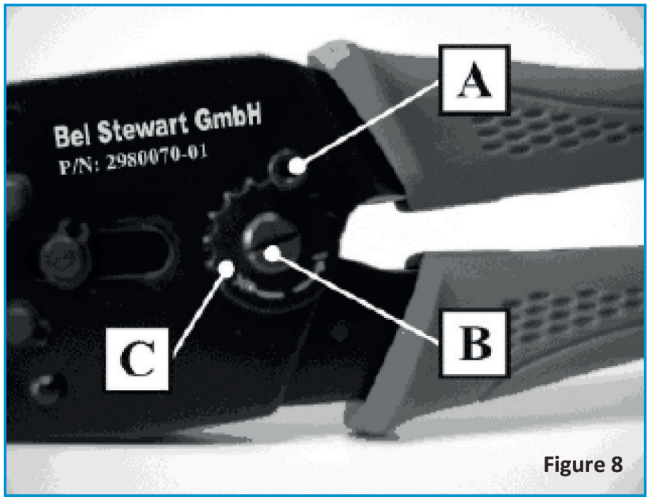


Figure 8

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 2.5mm 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.

5. MAINTENANCE AND GENERAL REMARKS

Crimping handtool 298007x-01 is intended to be used for crimping of SS-39200-0xx modular plugs.
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 tool regulation 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 aggressive agents (thinner, alcohol etc…) 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.

Use only original spare parts.

6. SPARE DIE SETS

For Cat6 cables NSR-XXXXX BEL STEWART 2980076-01 Die set (6.1-6.6mm OD) for 2980075-01 tool

NSR-XXXXX BEL STEWART 2980077-01 Shield crimp insert (6.1-6.6mm OD) for 2980075-01 tool

For Cat6A cables:

NSR-40608 BEL STEWART 2980073-01 Die set (6.8-7.5mm OD) for 2980078-01 tool

NSR-XXXXX BEL STEWART 2980074-01 Shield crimp insert (6.8-7.5mm OD) for 2980078-01 tool

NOTES