

CST 400 3192-004 Cable Preparation Tool

Warning! This tool should not be used on live electrical circuits. It is not protected against electrical shock! Always use OSHA/ANSI or other industry approved eye protection when using tools. This tool is not to be used for purposed other than intended. Read carefully and understand instructions before using this tool.



The CST 400 is a specially designed cable preparation tool for LMR-400 coax cable. This tool will trim the cable to proper conductor and braid exposure lengths for the assembly of 400 clamp(C) and crimp style(EZ) connectors.

Set up:

The tool is built with an adjustable stop on the Cut #2 end to give the correct braid exposure length. Set the stop in the proper location for clamp or crimp trim length. Ensure that the knife block is in the up position on the Cut #1 end. See product picture above.

Operation:

1. Ensure cable end is cut off as square as possible for accurate prep lengths. Insert cable in Cut #1 end up to stop. (If cable is deformed, some re-forming of the end may be necessary.) Rotate the tool and simultaneously engage the knife blade by applying thumb pressure to the knife block. Turn and squeeze until the block bottoms against the tool body. (Fig.1)
2. Pull the cable straight out of the tool opening while holding thumb pressure on the knife block. The exposed conductor length will be developed (Fig.2). Retract the knife block by pushing up on the guide rod underneath. **Ensure the cable chip gets ejected from the tool.** If not, re-insert prepared cable end to dislodge stuck cable chip.
3. Insert cable into Cut #2 end. With gentle pressure, turn tool in a CW direction to engage jacket blade. Turn tool until cable reaches strip stop and continue turning until jacket chip breaks off. (Fig.3)
4. Deburr conductor end with deburring bit on the #2 end of tool. Apply forward pressure and rotate back and forth to break sharp edge. Cable end is depicted in Fig.4

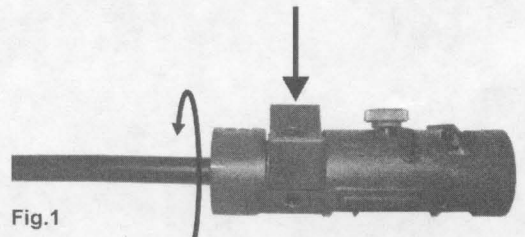


Fig.2

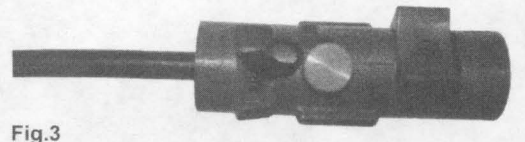


Fig.3

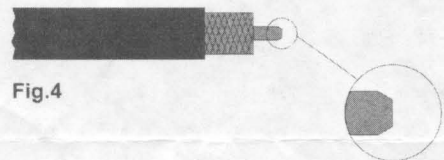
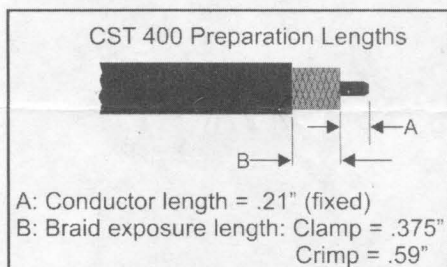


Fig.4



Replacement Blades: CB 273 knife blade (p/n 42633)
CB 6667H jacket blade (p/n 19212)

WARRANTY: The Ripley Company warrants that our line of tools are free of defect and fully operable at the time of shipment. The warranty is limited to the repair or replacement of any product which proves to be defective in material or workmanship, under normal use and service.



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