

FIRST CLASS MAIL

NOTICE: NOT FOR USE OR DISCLOSURE OUTSIDE THE
BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

Installation Engineering Handbook 9
Western Electric Company, Incorporated
Merrimack Valley Works

U.I.S. Section 124
Dated 11-25-77

URGENT INSTRUCTION OR INFORMATION SUPPLEMENT
94 TYPE CONNECTING BLOCK TOOL CHANGE

1. GENERAL

1.1 This supplement is issued to announce the availability of a new blade for the R-4710 "C" Impact tool that will both seat and cutoff the wire ends. This new blade is stamped "4710A".

1.2 An Improved Handle stamped R-4710A is also available. The new handle has an increased impact force in the range of 25 to 33 lbs verses 18 to 21 lbs on the R-4710 tool handle. The new handle will require more effort on the part of the installer but will result in better connections to the 94 type block. These better connections will be in the form of more solidly seated wire ends in the terminals of the 94 blocks.

1.3 The blades and handles of the R-4710 and R-4710A tools are interchangeable.

2. INSTRUCTIONS

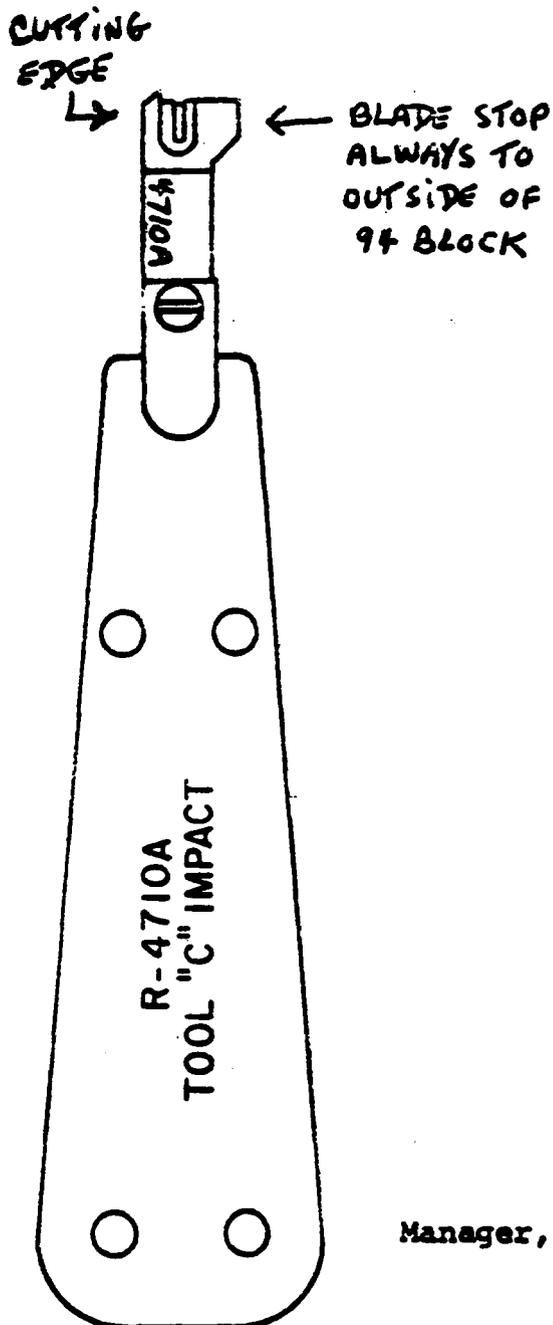
2.1 After wire ends have been fanned to the slots of the 94 blocks tool R-4710A can be used to both seat and cutoff wire ends.

2.2 Hold tool blade with elbow on end of blade to the outside of the block at all times. This elbow is on blade to prevent cutting edge of blade from being positioned to cut the incoming wire on the wrong side of the block.

2.3 Tool must be held at a right angle to the 94 block. Push tool straight into the block until impact handle fires. Wire end should be seated and cutoff. If wire end is not completely cutoff tool was not at a right angle to the block. This then is not an acceptable connection. Remove wire from the block and reseal it until wire is both seated and cutoff with one motion.

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- 2.4 If blades fail to make a good connection after several tries, inspect it for damage or a dull cutting edge. Replace these blades.
- 2.5 All other instructions and verification items of Section 124 must be adhered to when making connections with R-4710A Tool.



NOTE: Tool must insert and cut off wire end in one motion. If wire is not cut clear off in same motion as insertion, your connection is not properly seated. Hold the connection holding tool at right angle to the 94 block.

Manager, Engineering Transmission Products