

B AND D IMPACT TOOLS AT-8762

1. GENERAL

1.01 This section contains information on the AT-8762 impact tools used for terminating wire on the 66-, 88-, and 630-type connecting blocks.

1.02 This section is reissued to:

- Add the D impact tool
- Rate the B impact tool MD.

2. IDENTIFICATION

2.01 Ordering Guide:

- Tool, Impact, D, AT-8762
- Blade, 8762D-66
- Blade, 8762D-88
- Blade, 8762D-630
- Blade, 8762B-66 [for B Impact Tool (MD)]

2.02 The B impact tool (MD) (Fig. 1), for use only on 66-type connectors, consists of a reversible steel blade attached by a single screw to a plastic handle. One end of the blade is used for seating and cutting conductors while the other end is used for seating only.

2.03 An adjustment screw (not shown) for varying the spring tension, combined with an indicator pointer at the large end of the handle, provides the means for controlling the impact. This is necessary to care for the variations in wire sizes and thickness of insulation.

2.04 One half of the plastic handle is yellow to aid in readily identifying the cutting side of the blade.

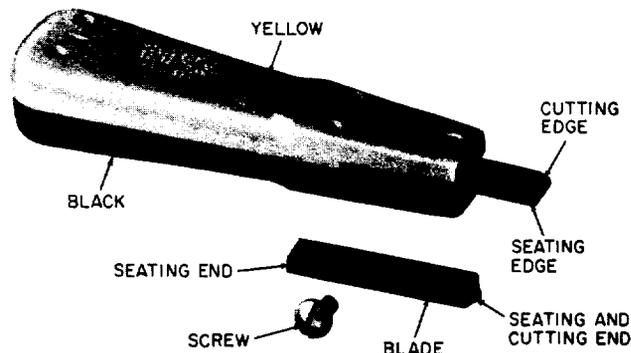


Fig. 1—B Impact Tool (MD)

2.05 To reverse blades of the B impact tool (MD), perform the following steps:

- (1) Loosen single screw
- (2) Slide blade out of handle approximately 1/4 inch
- (3) Reverse blade
- (4) Slide blade back into handle
- (5) Tighten screw.

2.06 To replace blade, perform the following steps:

- (1) Remove single screw.
- (2) Replace old blade with new. Place blade so that cutting edge will be on yellow side of handle. This is done for ease in identification of cutting side of tool.
- (3) Replace and tighten screw.



Always carry the B or D impact tool with the cutting edge protected or turned into handle.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

2.07 The D impact tool (Fig. 2) consists of a plastic handle with two spring-loaded control knobs and a spare blade storage compartment.

2.08 The knob labeled RELEASE controls the release of a spare blade from the storage compartment in the handle.

2.09 The knob labeled IMPACT provides the ability to adjust for HI or LO impact when terminating wires as follows:

- (a) LO for use on 88-type connectors and with 24- and 26-gauge conductors on 66-type connectors.
- (b) HI for use on 66-type connectors using 22-gauge or larger conductors.

(c) The impact feature will not be used on the 630-type connectors due to the design of the blade.

2.10 Three blades are currently being introduced with the D impact tool (Fig. 3). Each blade has a solid barrel located in the mid portion of the blade. The barrel is grooved to fit the spring pin lock of the handle.

2.11 Blade use is as follows:

- (a) Blade, 8762-66—Used to make connections on the 66-type connecting blocks. One end of blade to set and cut wires; the other end to set only.
- (b) Blade, 8762D-88—Used on the 88-type connecting blocks. Again, one end to set and cut wires; the other end to set only.

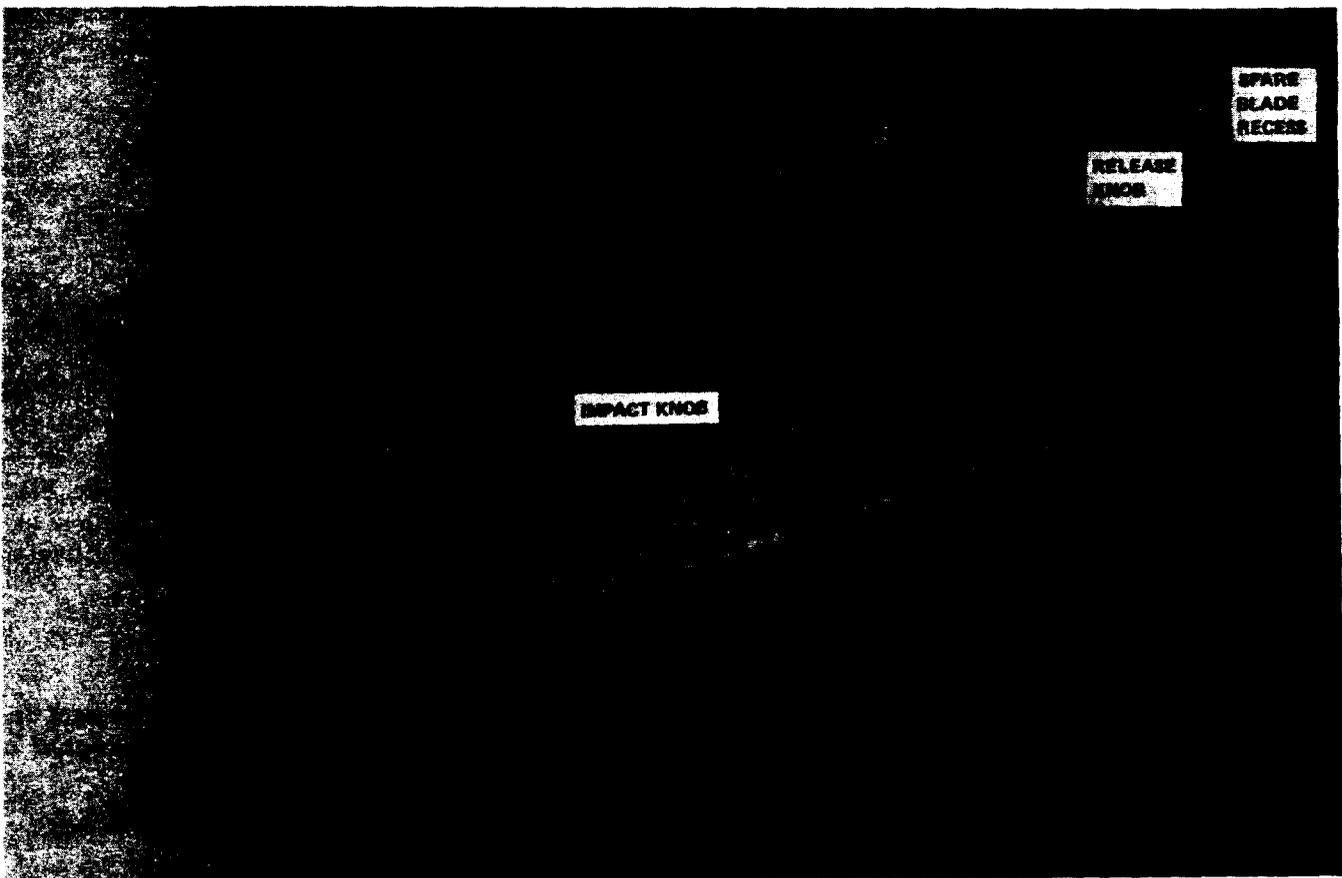


Fig. 2—D Impact Tool

(c) Blade, 8762D-630—Used on the 630-type connecting blocks. No cutting with this blade; used to set wires only.

2.12 Blades may be changed or reversed (Fig. 4) as follows:

- (1) Align groove in blade barrel with spring pin in handle.
- (2) Insert fully and turn clockwise 1/4 turn.
- (3) To remove blade, reverse above procedure.♦

3. TERMINATION

3.01 To make an ended termination using the B impact tool (MD), observe the following procedure (Fig. 5):

- (1) Select wire to be terminated.
- (2) Work wire into fanning strip.
- (3) Place wire in hook of terminal, using fingers or long-nose pliers.
- (4) Place cutting end of tool over terminal. Be sure cutting edge of blade is positioned over scrap end of wire.
- (5) Push tool toward block until spring operated blade seats wire and severs scrap end.

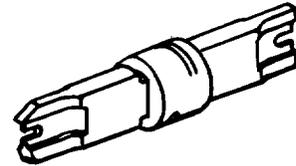
3.02 To make a looping termination on a 66-type connecting block, perform the following steps (Fig. 5):

- (1) Perform Steps 1, 2, and 3 of paragraph 3.01.
- (2) Place seating end (cutting end of blade turned into handle) of tool over terminal.
- (3) Push tool toward block until wire is fully seated.

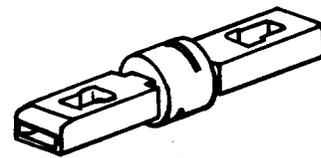


When seating conductor, push the tool straight over the terminal until spring operates blade impact mechanism. Avoid bending or twisting the terminal.

BLADE 8762-88



BLADE 8762-66



BLADE 8762-630

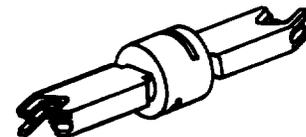


Fig. 3—♦Blades for Use With D Impact Tool♦

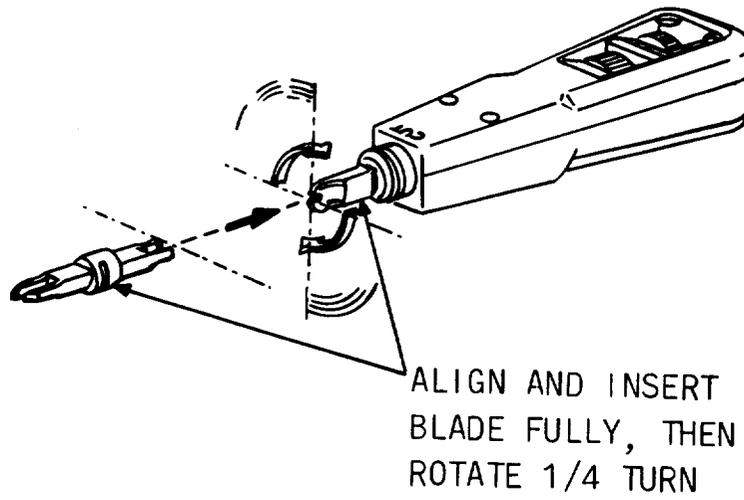


Fig. 4—Mounting Blades in Handle

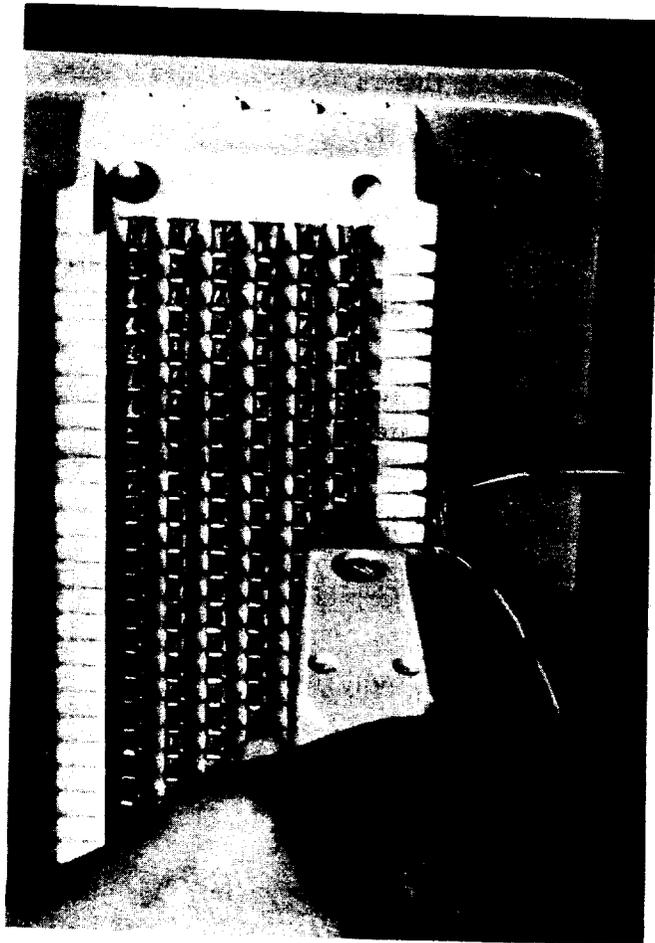


Fig. 5—Terminating or Looping Wire on 66-Type
Connecting Block With B Impact Tool