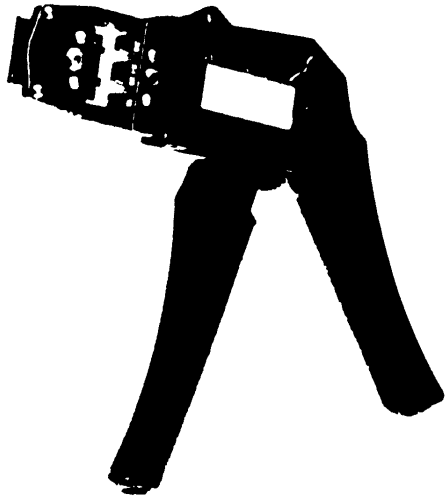
255-493

molex

# HANDTOOL

## PART No. 69008-0953



## DESCRIPTION

Parallel action crimp handtool with terminal locator and precision crimp profiles.

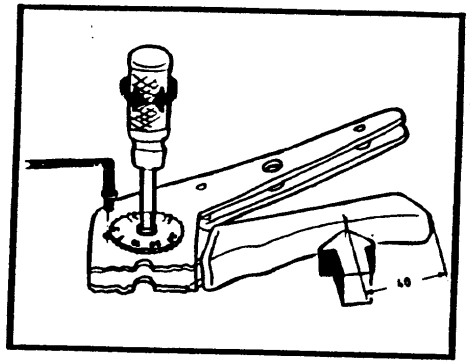
## FEATURES

1. Terminates Molex Crimp Terminals 2478
2. Designed for prototype; small batch and field repair applicators.

## SPECIFICATION

| | | |
|---|---|---|
| Size | : | 200mm x 150mm x 50mm |
| Weight | : | 0.5KG |

CALIBRATION PROCEDURE
(HANDLE FORCE)



1. Operating force should be set to 31 kg (68 lbs) min at point shown.

2. Should adjustment be necessary then;

   a) Remove adjuster cover (if fitted) and loosen and remove allen grub screw using a 2mm AF allen wrench.

   b) Using a screwdriver turn the numbered adjustment wheel to the next highest number.

   NB The uneven numbers are in a clockwise direction and the even numbers anticlockwise.

   e.g. Assuming the tool is set at No. 5 then to increase the pre-load turn wheel clockwise until the 6th position is located over the tapped hole. If it is necessary to move to the 7th position, then the wheel should be truned anticlockwise until the 7th position is over the tapped hole.

   c) Refit allen grub screw and tighten.

   d) Re-check operating forces as in 1, and repeat step 2, if necessary.

   e) Refit adjuster cover (if fitted).

3. If adjuster is at maximum and operating force measurement is below that as specified, then tool has completed its useful working life i.e. minimum 50,000 crimp cycles, and the tool should be replaced.

CRIMP SPECIFICATION (SEE ALSO PRODUCT SEPC. 2478)

| WIRE mm | (AWG) | CRIMP HEIGHT (COND) | PULL FORCE (MIN) |
|---|---|---|---|
| 0.90-0.50 | (18-20) | 1.02/1.14mm (.040"/.045") | 6.0 kg (13 lbs) |
| 0.35-0.22 | (22-24) | 0.91/1.02mm (.036"/.040") | 3.0 kg ( 7 lbs) |

WIRE STRIP LENGTH: 3.0/3.5mm (.118"/.138")



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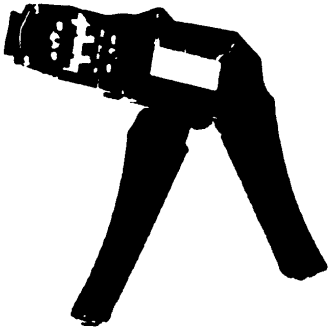

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