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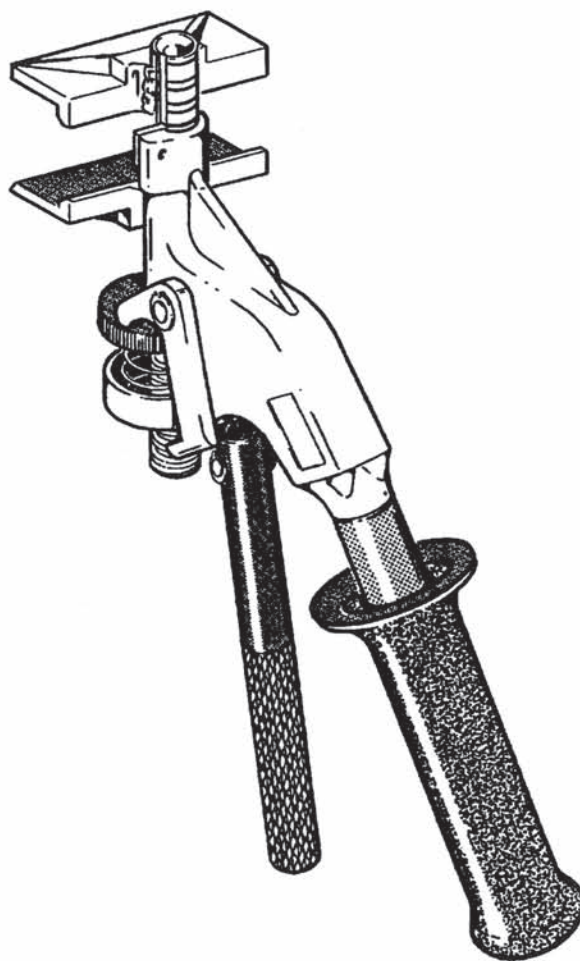
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# 4270-A Hand Presser

# 3M

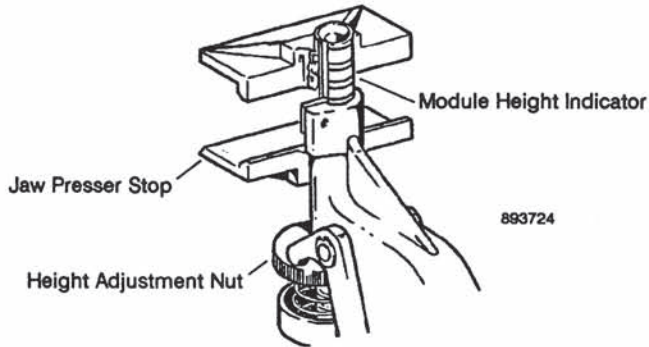


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## 1.0 General

1.01 The 4270-A Hand Presser is used to plug the preterminated and spliced MS<sup>2</sup>™ Super Mini Module and Super Mate Module combinations together. This tool cannot be used to crimp Pre-Con Male (4007), Female (4001) Modules or for any application that cuts conductors. The 4270 Series and the 4255 Hand Pressers are the **ONLY** approved hand tools to be used with preterminated Super Mate Module applications.



### 1.02 Applications

a. The hand presser can be used to plug together the following combinations of modules:

- \* Super Mate to Super Mini
- \* Super Mate to Super Mate

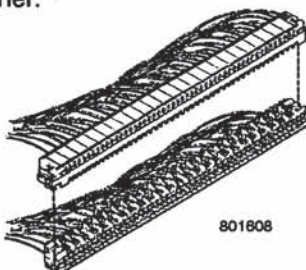
b. The modules must be plugged together in the following manner:

- \* Only two module combinations may be plugged together in a single crimping sequence.
- \* For each additional module combination a separate crimping sequence is required.
- \* Any two module combinations from two single modules to a total of seven modules may be plugged together.

## 2.0 Operation

### 2.01 Adjusting Tool

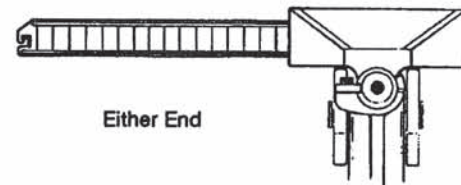
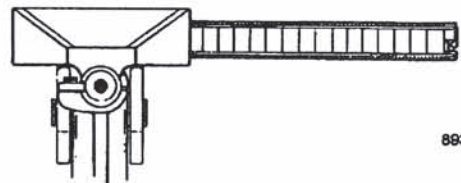
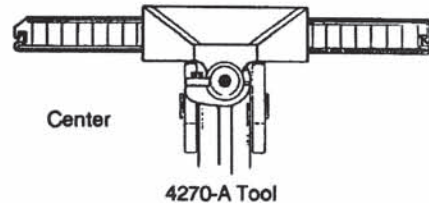
a. Properly position the two module combinations together, matching cut corners and pluggable surfaces of modules. Pre-crimp the end alignment posts with finger pressure to temporarily hold the module combinations together.



- b. By turning the height adjustment nut in the middle of the presser clockwise or counterclockwise the jaws of the presser will be closed or opened.
- c. Adjust the jaws of the presser to the height of the module combination to be plugged together. (The module height line indicator on the upper jaw shaft indicates approximately the height of the module combination).

### 2.02 Crimping With The Hand Presser

- a. After the presser has been adjusted for the module combination, completely insert the module combination into the pressers' jaws. The front of the module combination should be flush against the presser jaw.
- b. Each crimping sequence requires three crimps. The first crimp must be made in the center of the modules. The second and third crimps are then made on the ends of the modules with the end of the module flush with the edge of the jaw. Be sure to keep front of module combination flush against the presser jaw step. The load sensing handle will indicate a complete crimp.



**Note:** *If you don't feel and/or hear the load sensing handle click after fully squeezing the handles, the crimp is not complete. Reduce the height of the presser jaws by turning the height adjustment nut and repeat the crimping sequence.*

## 3.0 Maintenance

### 3.01 Cleaning

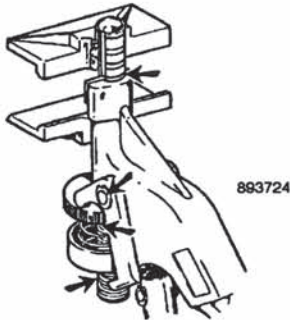
- a. If tool becomes contaminated with dirt, cable filling compound or other foreign materials, flush presser with high pressure water or an approved solvent. Avoid getting solvents on plastic hand grip.

**Note:** *Carefully follow health, safety, and disposal information on label or Material Safety Data Sheet for solvent being used.*

- b. Remove any remaining solvent residue or foreign materials with compressed air.

### 3.02 Lubrication

Lubricate pin and shaft with a light weight oil. Wipe a thin film of oil over metal portion of presser.



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