

# Instructions for: 4290 CT Power Lug Crimp Tool



## Note

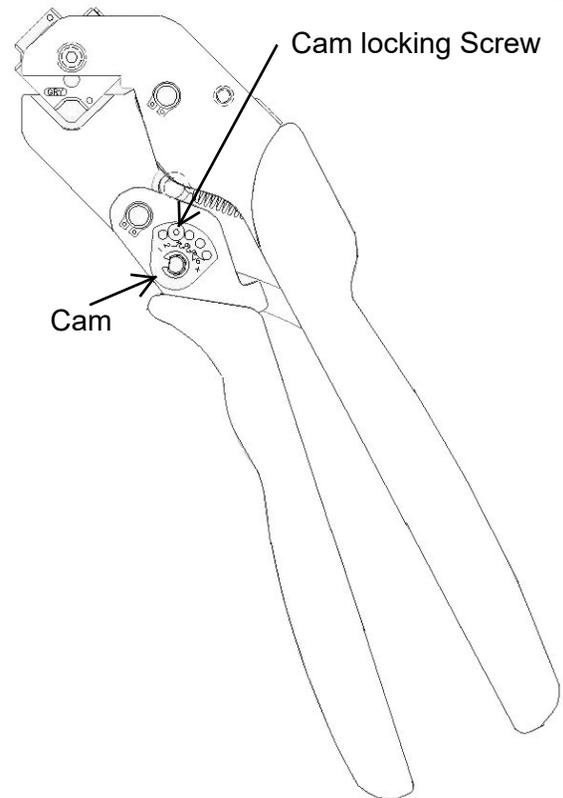
- Not for use with aluminum wire or aluminum connectors.
- Be sure to match proper die, connector and wire combination.

## Crimping Instructions

- 1) Remove the cable insulation according to the manufacturer's instructions supplied with each lug or splice. Do not cut or nick the individual strands.
- 2) Open the tool to its widest point
- 3) Select the proper die setting by rotating the die, matching the cable size and colored dot to the cable size and colored bands of the connector.
- 4) Insert the connector between the color-coded bands closest to the tongue for lugs or between the center marks for splices.
- 5) Close the tool completely. Make sure the crimp remains parallel to the color coded bands. The force at a point 1-3/4" from handle ends should be between  
a) 30 pounds.
- 6) Repeat the crimping procedure on each lug or splice for the number of times specified by the manufacturer for the connector being used.

Rotating die is color coded to industry standard (AWG) sizes:

- Red 8
- Blue 6
- Gray 4
- Brown 2



## Tool Adjustment

- 1) To adjust the tool to obtain the proper force levels, open the handles and remove the cam locking screw with a 1/16" hex wrench.
- 2) Rotate the cam clockwise to increase handle load or counterclockwise to decrease the handle load.
- 3) Position odd numbers on the cam in the locking screw hole adjacent to the letter "T" and even numbers adjacent to the letter "T".
- 4) Lock the cam at the desired handle load setting and re-measure force. Continue adjusting if needed.

## Tool Maintenance

Maintenance and inspection should be performed regularly. Tool should be wiped clean with special emphasis on the crimping cavities.

Tool may be cleaned by immersing in a suitable commercial solvent or cleaner which does not attack paints or plastic material. The tool should be re-lubricated after cleaning using a light film of a medium weight oil on bearing surfaces and pivot pins. When not in use, keep handles closed to prevent objects from becoming lodged in the crimping dies and store in a clean dry area



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