

ERG4 COMFORT CRIMP® COMPRESSION TOOL WITH SHURE STAKE® MECHANISM For Installing Ferrules 26-1/0 AWG (0.14-50 mm²)



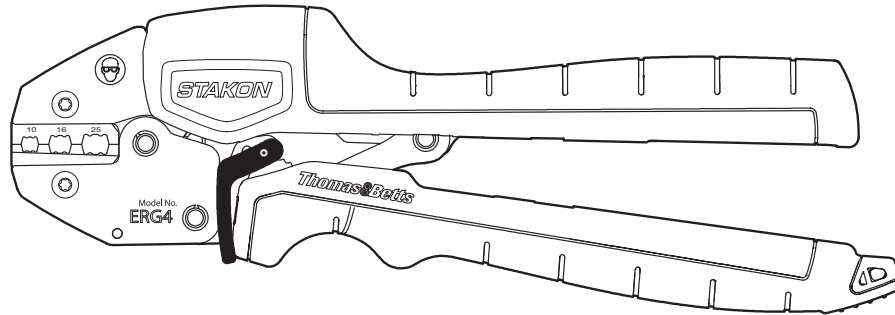
IMPORTANT: Read and understand all of the instructions and safety information in this manual before operating or servicing this tool.



WARNING
KEEP ALL BODY PARTS AWAY FROM DIE NEST
DURING GAGING OR CRIMPING PROCEDURE.



WARNING
HANDLES ARE NON-INSULATING.
DO NOT CRIMP ON HOT ENERGIZED WIRES.



In the event the SHURE STAKE® mechanism must be released, please see Figure 5.

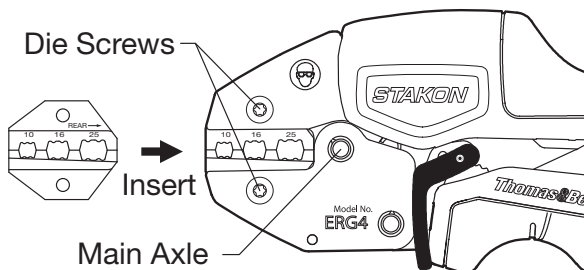
Figure 1

1.0

INSTRUCTIONS FOR USE

1.1

Die Set Installation

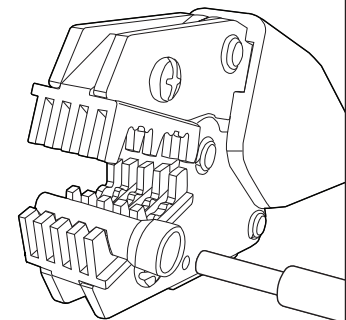


1. Remove die screws from frame with supplied torx wrench.
2. Choose an appropriate die set to match wire gauge.
3. Insert die set into frame. Ensure the rear side of die set faces the main axle of the frame.
4. Install die set screws loosely and close the handles while ensuring proper alignment of the die halves.
5. Tighten the die screws with supplied torx wrench.

Figure 2

1.2

For Use With Ferrules 26-1/0 AWG (0.14-50 mm²)



1. Open handles fully.
2. Position ferrule into the proper nest.
3. Close handles slightly to secure ferrule. Do not deform ferrule.
4. Insert stripped wire
5. Close handles until the SHURE STAKE® mechanism cycle has been completed.

Figure 3

1.3

CRIMP ASSIST® Foot

For larger wire and terminal combinations that require more force to complete the crimp, it may be useful to press the tool against a flat work surface (i.e. worktable, floor, etc.) to gain more leverage. The patent pending Crimp Assist™ foot helps stabilize the tool during this type of operation.

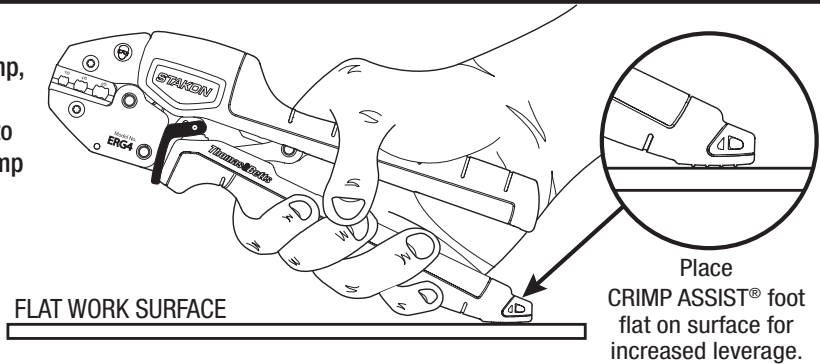


Figure 4

1.4

SHURE STAKE® Mechanism



Figure 5

To release the SHURE STAKE® mechanism, push up on the release bar until the ratchet teeth are disengaged.

1.5

Maintenance

1. Remove dust, moisture, and other contaminants with a clean brush or a soft, lint-free cloth.
2. DO NOT use on objects that could damage the tool.
3. Make certain all pins, pivot points, and bearing surfaces are protected with a THIN coat of any good SAE No. 20 motor oil. DO NOT oil excessively.
4. Keep handles closed when not in use to prevent objects from becoming lodged in the crimping dies.
5. Store tool in a cool, dry area.

For parts, service, repair and calibration, contact the ABB Installation Products Inc. Tool Service Center at 1-800-284-TOOL (8665).