

Universal Heavy Duty Contact Crimping Tool Kit

For Size 20/16/12 Machined Contacts

P/N: AUTK-100



Instruction Sheet

P/N: AUT-100-S

Universal Heavy Duty Contact Crimping Tool

Our **Universal Heavy Duty Contact Crimping Tool Kit** is ideal for use with our wide variety of connectors where Size 20, Size 16 and/or Size 12 machined pin and socket contacts are used, especially within the Heavy Equipment, Agricultural, Automotive, Military, Alternate Energy, and other demanding interconnect architectures.

Key Features

- Contacts Range: Size 20 (Red Positioner), Size 16 (Blue Positioner) and Size 12 (Yellow Positioner)
- Industry standard 4 indent/8 impression crimper for reliably secure crimps
- Smooth ratcheting mechanism ensures consistent results every time
- Adjustable dial (1-8 settings) for selection of wire size
- High-quality materials ensure durability and long term wearability

Kit Contents

- 1 - Universal Heavy Duty Contact Crimping Tool
- 1 - Wire Stripper
- 3 - Positioners (Color Coded)
- 1 - Wedglock Extraction Tool
- 1 - Go-No-Go Gauge Tool
- 1 - Instruction Sheet



Universal Heavy Duty Crimping Tool
Detail - 4 Indents/8 Impressions

Note: For the purposes of this document, generic images may be shown. Your specific tool will be labeled with our logo, contact size and corresponding part numbers.

Positioner Installation



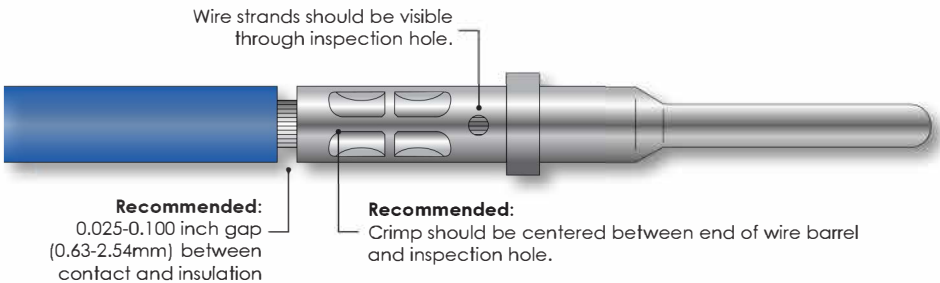
- Step 1:** Screw your selected Positioner into place
- Step 2:** Insert a contact to check the depth
- Step 3:** Lock down the Jaw Nut into place
- Step 4:** Perform test crimps to verify correct installation
- Step 5:** Inspect crimped contact



Wire Preparation

Wire Preparation

- Step 1:** Using Wire Stripper Tool, strip the wire to the appropriate length per your specific contact
- Step 2:** Check for missing or nicked/damaged strands after wire is stripped
- Step 3:** Verify proper crimp by checking that all wire strands are inside crimp barrel and visible at the inspection hole as shown below



Crimped Sample - Pin



Crimped Sample - Socket



How To Adjust for Wire Size

- Step 1:** Cycle tool to open handles
- Step 2:** Remove lock clip
- Step 3:** Raise and rotate dial to select wire size
- Step 4:** Replace lock clip

Note: To avoid damage, always check Dial Position before crimping. Crimping large wires at an incorrect setting may permanently damage the tool.



How To Operate Go-No-Go Gauge

- Step 1:** As indicated on Go-No-Go Gauge Tool, adjust dial to wire size 20 on universal crimp tool
- Step 2:** Squeeze crimp tool handles together completely
- Step 3:** Ensure Green end of Go-No-Go Gauge Tool **WILL** insert in the crimp tool cavity (**Image 1**).
- Step 4:** Ensure Red end of Go-No-Go Gauge Tool **WILL NOT** insert in the crimp tool cavity (**Image 2**)

When Steps 3 and 4 are met, your tool is now properly calibrated.



Image 1 - Go

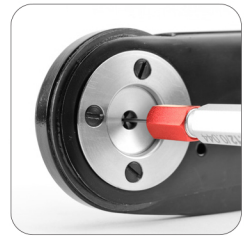


Image 2 - No-Go

How To Crimp Contacts



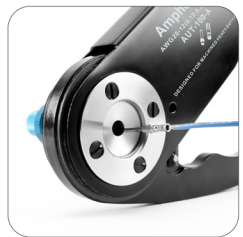
Step 1



Step 2



Step 3



Step 4

- Step 1:** Squeeze the handles together until the crimper handles fully open.
- Step 2:** Insert the contact into the cavity and make sure the barrel end is facing out.
- Step 3:** Insert the prepared wire into the barrel end of the contact.
- Step 4:** Squeeze the handles together until the crimper automatically opens. Remove contact from tool.

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