

WA27XE-EP

PNEUMATIC CRIMP TOOL



DATA SHEET

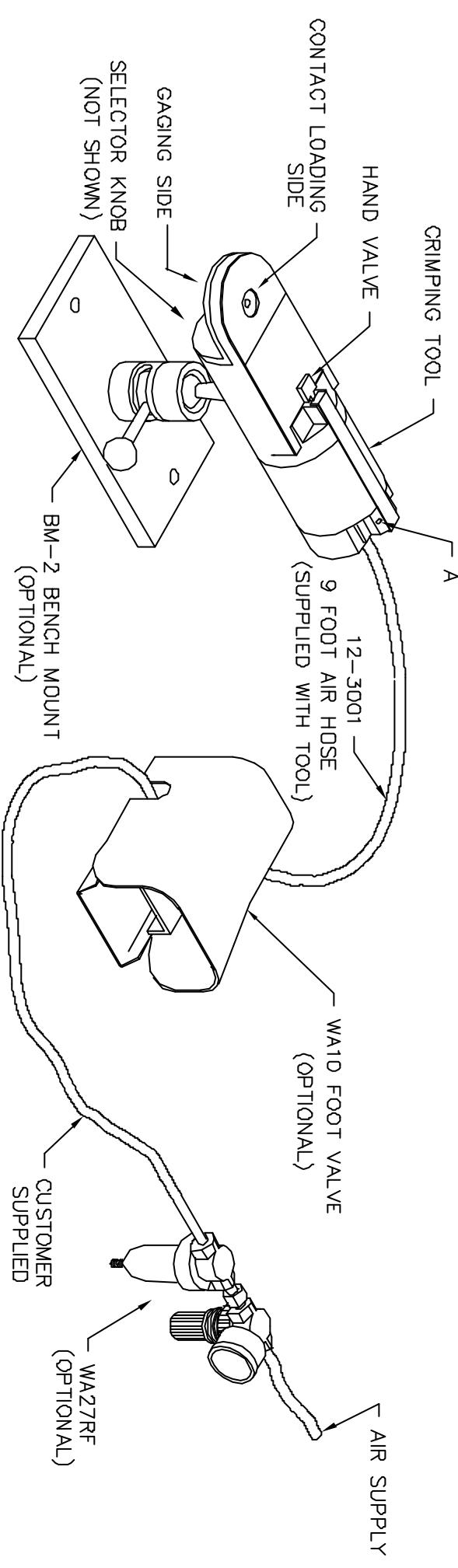
SEE PAGE 3 FOR IMPORTANT INFORMATION CONCERNING
LIMITED WARRANTY, AND LIMITATION OF LIABILITY.

GENERAL SPECIFICATIONS

* This is a single purpose tool which has two crimp settings.

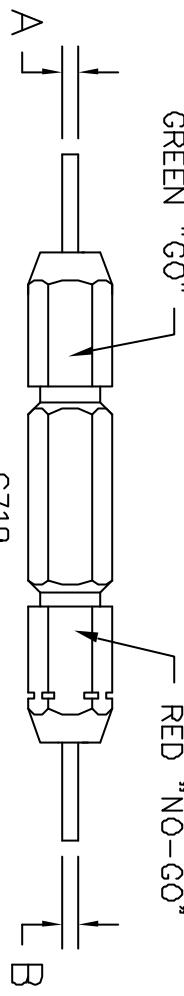
The tool also has a full cycle ratcheting control mechanism.

- * Either the hand operated valve or the air foot valve may be used. The working pressure of the tool is 80-120 PSI. It is recommended that each tool be set up with a Regulator and a Filter (WA27RF).
- * All Crimping Tools, Positioning Heads, Bench Mounts, Gages and Foot Valves must be ordered by part number.



GAGING INSTRUCTIONS

DO NOT CRIMP GAGE!



ALL GAGING IS DONE FROM SIDE OF TOOL OPPOSITE CONTACT LOADING SIDE.
REMOVE POSITIONER FOR GAGING AND TEST AS FOLLOWS:

"GO" GAGING

Operate tool to fully closed position. Insert "GO" gage end as shown from the bottom of tool by rocking back and forth in a circular pattern. Gage must fit snug and pass completely through indenters.



SELECTOR SETTING	A GO DIA	B NO-GO DIA	CRIMP TOOL	SELECTOR SETTING
GREEN	.1230	.1290		
ORANGE	.1340	.1400		

"NO-GO" GAGING

Operate tool to fully closed position. Insert "NO GO" gage end as shown from bottom of tool only. The "NO GO" may partially enter the indenter opening, but must not pass completely through the opening.

SELECTOR SETTING	A GO DIA	B NO-GO DIA
GREEN	.1230	.1290
ORANGE	.1340	.1400

CHECKING THE FULL CYCLE RATCHETING MECHANISM

The ratcheting mechanism can be checked for proper functioning by the following procedure.

1. Adjust the air line pressure to 15 PSI.
2. Conduct a crimp using the appropriate contact and wire. The indenters will not reach the fully closed position and the contact will be locked in if the ratcheting mechanism is functioning properly.
3. To release the partially crimped contact, increase the air line pressure to 80–120 PSI and operate. The tool will then complete the crimp allowing the indenters to return to the fully open position.

RELEASING A PARTIALLY CRIMPED CONTACT

To release a partially crimped contact, proceed as follows:

1. Increase the air pressure to 120 PSI and operate the unit.
(If increasing the air pressure does not release the contact, proceed as follows:)
2. Turn the selector knob clockwise to the highest lockable setting. (Selector knob must be in the locked position before proceeding.) Operate the unit.
3. If release has not been achieved after several attempts, contact DMC Service Department.

CARE OF TOOL

There is virtually no maintenance required. However, it is a good practice to keep indenter tips free of residual color band deposits and other debris. A small wire brush may be used for this purpose.

We strongly recommend that you:

1. DO NOT immerse tools in cleaning solution.
2. DO NOT spray oil into tool to lubricate.
3. DO NOT attempt to disassemble tool or make repairs.

This is a precision crimping tool and should be handled as such.

DANIELS offers complete refurbishing and recalibration services.

DANIELS specially engineers and manufactures complete tool kits to satisfy individual customer requirements, such as total aircraft support, general shop maintenance or production, on board ship and vehicle service, etc.

LIMITATION OF LIABILITY

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LIMITED WARRANTY

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