



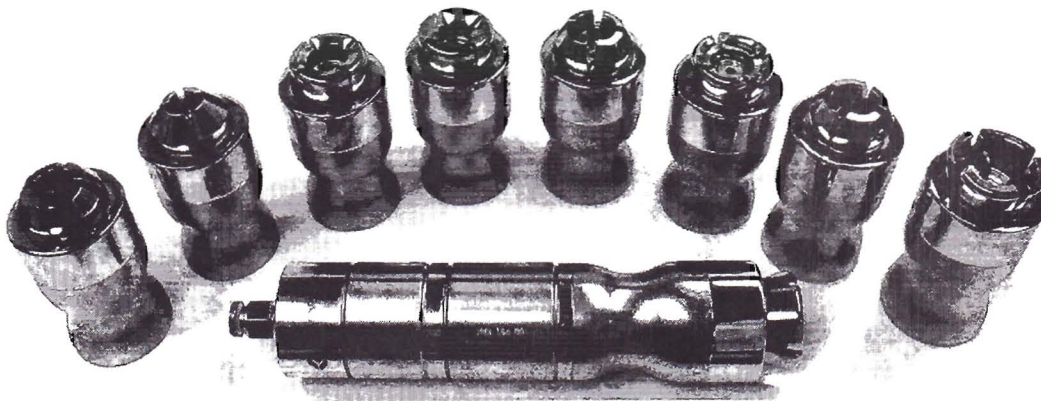
**KEBBY INDUSTRIES INC**

4075 KILBURN AVENUE  
ROCKFORD, IL 61101  
U.S.A

Product Manual

## **Vertical Air Crimper**

By Kebby Industries, Inc.



Kebby Industries, Inc. 4075 Kilburn Ave Rockford, IL 61101

Ph. 815-963-1466 Fax 815-962-3490

[www.kebbyindustries.com](http://www.kebbyindustries.com)

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### **Warranty**

All goods and materials shall conform to Kebby Industries Inc. specifications at the time of shipment from our plant. Kebby Industries Inc. warrants this product to be free from defects in material and workmanship for a period of one (1) year from the date of shipment. If repair or adjustment is necessary within the Warranty period, and has not been the result of mishandling, abuse, or incorrect operation or alteration by any person not authorized to perform such alterations, Kebby Industries Inc. will perform service on, or replace any non-conforming goods or materials at no charge to the original purchaser. All claims of product non-conformity must be made within ten (10) days of discovery to Kebby Industries Inc. at 815-963-1466. All claims of damage during shipment must be made within ten (10) days of shipment of the product from Kebby Industries Inc. at 815-963-1466. Caller should expect to provide the Model and Serial Number of the product. Items returned to Kebby Industries Inc. should be packaged in a manner so as to prevent damage and preserve the state of the product during shipment.

Kebby Industries Inc. makes no other Warranty, implied or express, statutory or otherwise concerning materials or goods supplied, including without limitation, ANY WARRANTY of fitness for a particular purpose or any warranty of merchantability. The warranties given are exclusive of all other warranties expressed or implied. Kebby Industries Inc. shall not be liable for consequential, special, or incidental damages.

### **Introduction**

The Vertical Air Crimper is designed for small to medium volume crimping and decapping of aluminum seals and aluminum flip style seals on crimp top vials. Interchangeable crimping or decapping heads can accommodate vial seal sizes of 8, 11, 13, and 20 millimeters.

### **One Time Set Up**

Attach desired crimping or decrimping head to Vertical Air Crimper unit.

Attach pneumatic hose (FLU1106) to regulator and Vertical Air Crimper.

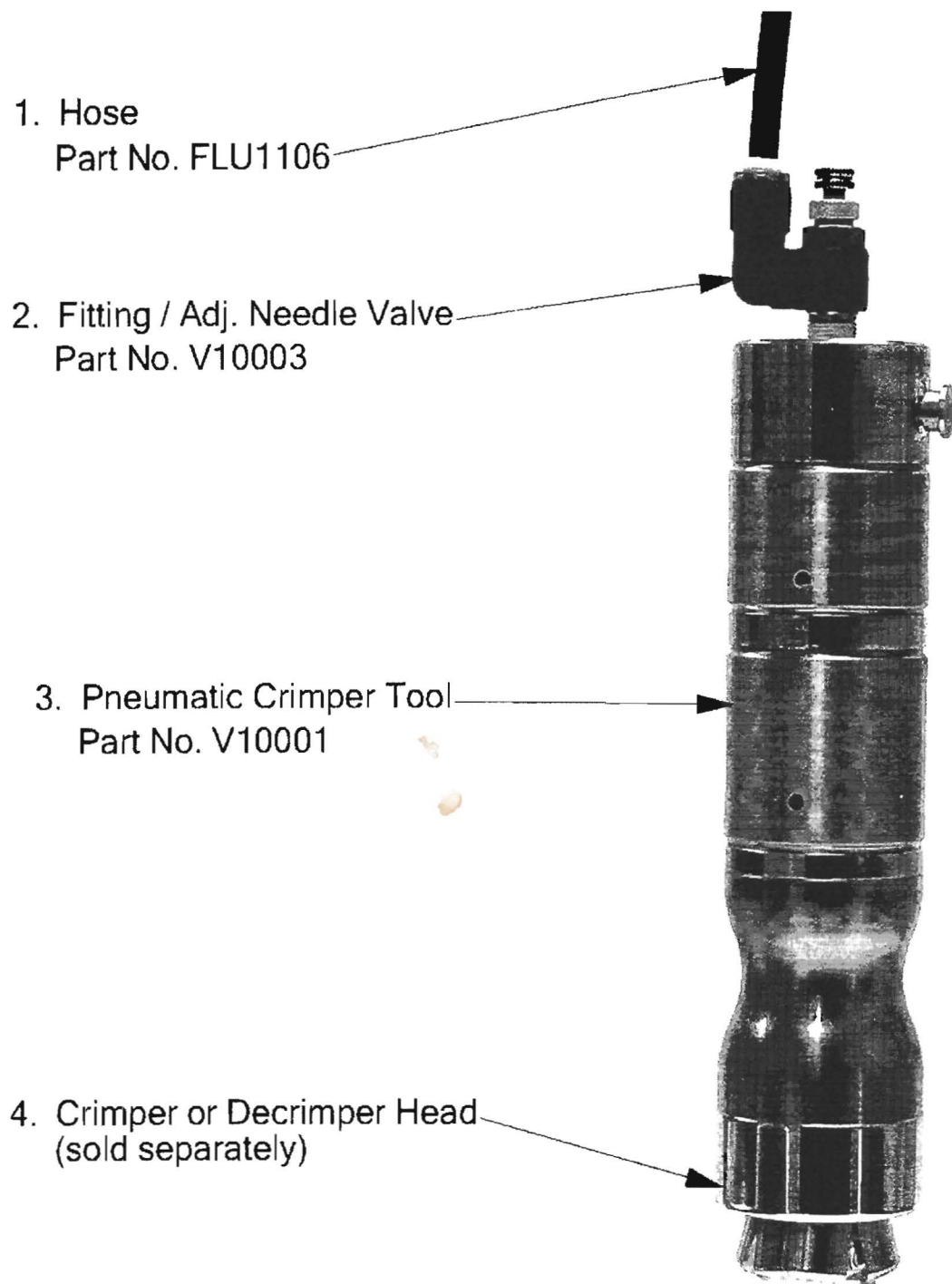
Attach regulator to incoming shop air supply (maximum 200 PSI).

Adjust regulator to 40 PSI.

Begin trials at 40 PSI, adjust regulator as needed (maximum 100 PSI) to obtain a tight crimp seal.

### **Specifications**

Operating Pressure	Nominal 40 – 80 PSI
Incoming Air Supply	Pneumatic 90 - 100 PSI
Cap Sizes	8, 11, 13, 20, 13 Flip, 20 Flip
Unit Size (head attached)	Height = 6 ½" Diameter = 1 ½"
Weight	1.5 Lbs.
Cycle Time	.75 seconds to 1.5 seconds, adjustable



### **Crimping Instructions**

#### ***Connecting or replacing the crimping/decrimping head***

**STOP – Make sure the air supply is disconnected from the Vertical Air Crimper regulator unit! Never insert fingers or other foreign objects other than vial/cap assemblies into or near the crimping head jaws.**

Attach the correct crimping head by screwing it into the main unit.

Reattach air supply to the Vertical Air Crimper regulator unit.

Place the appropriate cap on the vial.

#### ***Crimping***

Place the Vertical Air Crimper unit over the cap and vial assembly. Make sure the unit sits flush upon the top of the vial.

Depress and release the operation button to crimp the cap onto the vial.

### **Tips for a Good Seal**

Properly test and set up your Vertical Air Crimper and regulator assembly and make any pressure adjustments before use.

- Lower air pressure will produce a looser seal, higher pressure will produce a tighter seal. It is important to test and adjust to the ideal pressure setting to ensure that the cap is sealed properly without damaging the cap or vial. A proper seal may appear slightly domed, but will not be damaged. A proper seal will be tight enough that it cannot be twisted.

Make sure you have the Vertical Air Crimper and Crimp head properly seated on the cap/vial assembly.

- If the Vertical Air Crimper is not seated on the cap flushly a proper seal may not be achieved.

Ensure you are using the proper crimping head for the cap and vial assembly you are sealing.

- Caps and vials come in many sizes and styles. Please call Kebby Industries Inc at 815-963-1466 if you believe you have the wrong size crimping or decapping head for your application.

### **Decapping Instructions**

#### ***Connecting or replacing the crimping/decrimping head***

**STOP** – Make sure the air supply is disconnected from the Vertical Air Crimper regulator unit! Never insert fingers or other foreign objects other than vial/cap assemblies into or near the decrimping head jaws.

Attach the correct decrimping head by screwing it into the main unit.

Reattach air supply to the Vertical Air Crimper regulator unit.

#### ***Decapping***

Place the Vertical Air Crimper unit over the cap and vial assembly. Make sure the unit sits flush upon the top of the vial.

Depress and hold the operation button.

Lift the Vertical Air Crimper unit straight up to remove cap from the vial.

Release the operation button.

### **Care and Cleaning**

***To reduce risk of injury, never insert fingers or other foreign objects other than cap/vial assemblies into the crimping or decapping head jaws.***

To ensure the longest life for your Vertical Air Crimper, perform the following care and maintenance on a regular schedule.

Clean dust and debris from the Vertical Air Crimper unit. Wipe with a clean, damp cloth for normal dust and debris, use alcohol wipes to remove any grease or oil from the unit.

It is not necessary to lubricate your Vertical Air Crimper. Do not immerse in any liquid or let any liquid penetrate the tool.

Do not disassemble unit. If liquid penetrates unit, call Kebby Industries Inc. at 815-963-1466 for service. Do not use solvents such as gasoline, turpentine, paint thinner, ammonia or household cleansers on the Vertical Air Crimper.



### **Troubleshooting Problems**

**NEVER ATTEMPT TO PERFORM REPAIRS ON THE VERTICAL AIR CRIMPER UNIT! Service should be performed by authorized Kebby Industries Inc. service personnel only.**

Unit will not operate –

- |         |  |
|---------|--|
| Cause:  | Air Supply hose not connected to regulator or unit.                              |
| Remedy: | Ensure air supply is connected to regulator and regulator is connected to unit.  |
| Cause:  | Operation button not fully depressed or held long enough for the unit to engage. |
| Remedy: | Fully depress operation button and hold for up to one second to engage unit.     |

Unit not crimping tightly –

- |         |  |
|---------|--|
| Cause:  | Unit not adjusted to proper air pressure                                 |
| Remedy: | Test and adjust the air pressure settings on the air pressure regulator. |

Unit crimps too tightly, deforms, or over crimps cap –

- |         |   |
|---------|---|
| Cause:  | Unit not adjusted to proper air pressure                                |
| Remedy: | Test and adjust the air pressure settings on the air pressure regulator |

Unit jams when crimping –

- |         |  |
|---------|--|
| Cause:  | Cap has likely been over crimped or deformed.                            |
| Remedy: | Test and adjust the air pressure settings on the air pressure regulator. |
| Cause:  | Defective or poor quality caps.  |
| Remedy: | Run job with different batch or brand of caps.                           |

Unit jaws lock and will not release:

- |         |  |
|---------|--|
| Cause:  | Cap has likely been over crimped or deformed.  |
| Remedy: | Disconnect air supply from air supply regulator, lift Vertical Air Crimper off vial. |



**Accessories and Part Numbers**

V10001-00	Vertical Air Crimper Body
V10002-00	Air Pressure Regulator for VAC
FLU1106	Air Hose for VAC
V10003-00	Adjustable Needle Valve for VAC
V-11001-00-D	Decapping Head
V-13001-00-D	Decapping Head
V-20001-00-D	Decapping Head
V-08001-00-C	Crimping Head for 8 mm CRIMP SEALS
V-11001-00-C	Crimping Head for 11 mm CRIMP SEALS
V-13001-00-C	Crimping Head for 13 mm CRIMP SEALS
V-13002-00-C	Crimping Head for 13 mm <b>FLIP-OFF</b> CRIMP
V-20001-00-C	Crimping Head for 20 mm CRIMP SEALS
V-20002-00-C	Crimping Head for 20 mm <b>FLIP-OFF</b> CRIMP



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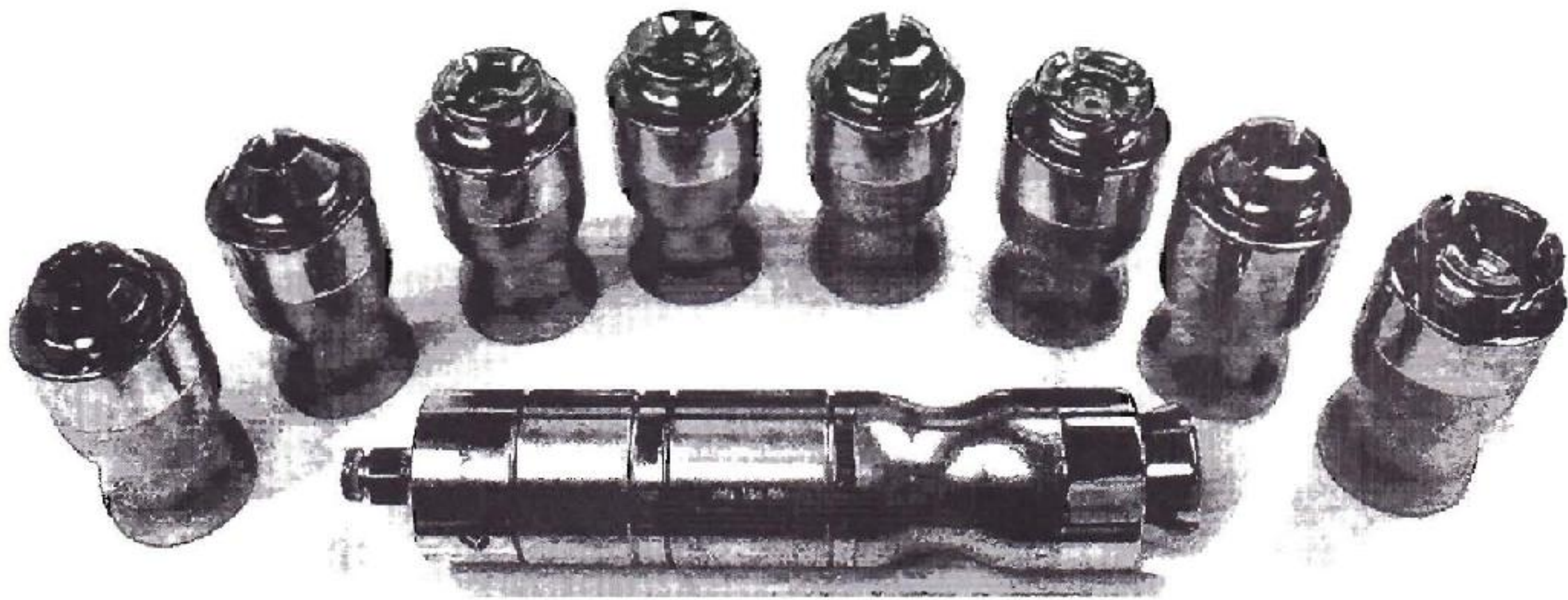


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### **One Time Set Up**

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Attach regulator to incoming shop air supply (maximum 200 PSI).

Adjust regulator to 40 PSI.

Begin trials at 40 PSI, adjust regulator as needed (maximum 100 PSI) to obtain a tight crimp seal.

### **Specifications**

Operating Pressure	Nominal 40 – 80 PSI
Incoming Air Supply	Pneumatic 90 - 100 PSI
Cap Sizes	8, 11, 13, 20, 13 Flip, 20 Flip
Unit Size (head attached)	Height = 6 ½" Diameter = 1 ½"
Weight	1.5 Lbs.
Cycle Time	.75 seconds to 1.5 seconds, adjustable

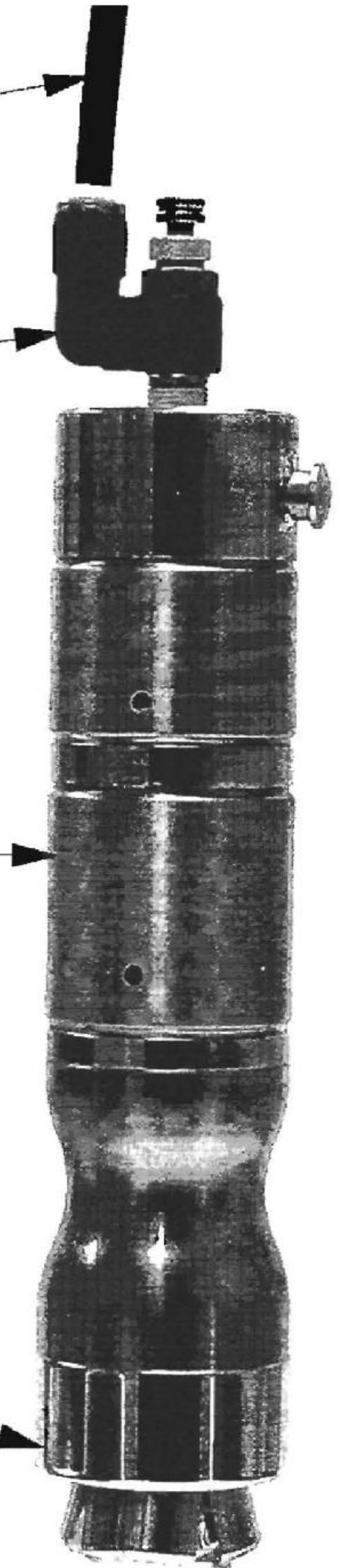


1. Hose  
Part No. FLU1106

2. Fitting / Adj. Needle Valve  
Part No. V10003

3. Pneumatic Crimper Tool  
Part No. V10001

4. Crimper or Decrimper Head  
(sold separately)





## Crimping Instructions

### *Connecting or replacing the crimping/decrimping head*

**STOP** – Make sure the air supply is disconnected from the Vertical Air Crimper regulator unit! Never insert fingers or other foreign objects other than vial/cap assemblies into or near the crimping head jaws.

Attach the correct crimping head by screwing it into the main unit.

Reattach air supply to the Vertical Air Crimper regulator unit.

Place the appropriate cap on the vial.

### *Crimping*

Place the Vertical Air Crimper unit over the cap and vial assembly. Make sure the unit sits flush upon the top of the vial.

Depress and release the operation button to crimp the cap onto the vial.

## Tips for a Good Seal

Properly test and set up your Vertical Air Crimper and regulator assembly and make any pressure adjustments before use.

- Lower air pressure will produce a looser seal, higher pressure will produce a tighter seal. It is important to test and adjust to the ideal pressure setting to ensure that the cap is sealed properly without damaging the cap or vial. A proper seal may appear slightly domed, but will not be damaged. A proper seal will be tight enough that it cannot be twisted.

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### ***Decapping***

Place the Vertical Air Crimper unit over the cap and vial assembly. Make sure the unit sits flush upon the top of the vial.

Depress and hold the operation button.

Lift the Vertical Air Crimper unit straight up to remove cap from the vial.

Release the operation button.

## **Care and Cleaning**

***To reduce risk of injury, never insert fingers or other foreign objects other than cap/vial assemblies into the crimping or decapping head jaws.***

To ensure the longest life for your Vertical Air Crimper, perform the following care and maintenance on a regular schedule.

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Unit will not operate –

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Remedy: Test and adjust the air pressure settings on the air pressure regulator.

Unit crimps too tightly, deforms, or over crimps cap –

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Unit jams when crimping –

Cause: Cap has likely been over crimped or deformed.  
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Cause: Defective or poor quality caps.  
Remedy: Run job with different batch or brand of caps.

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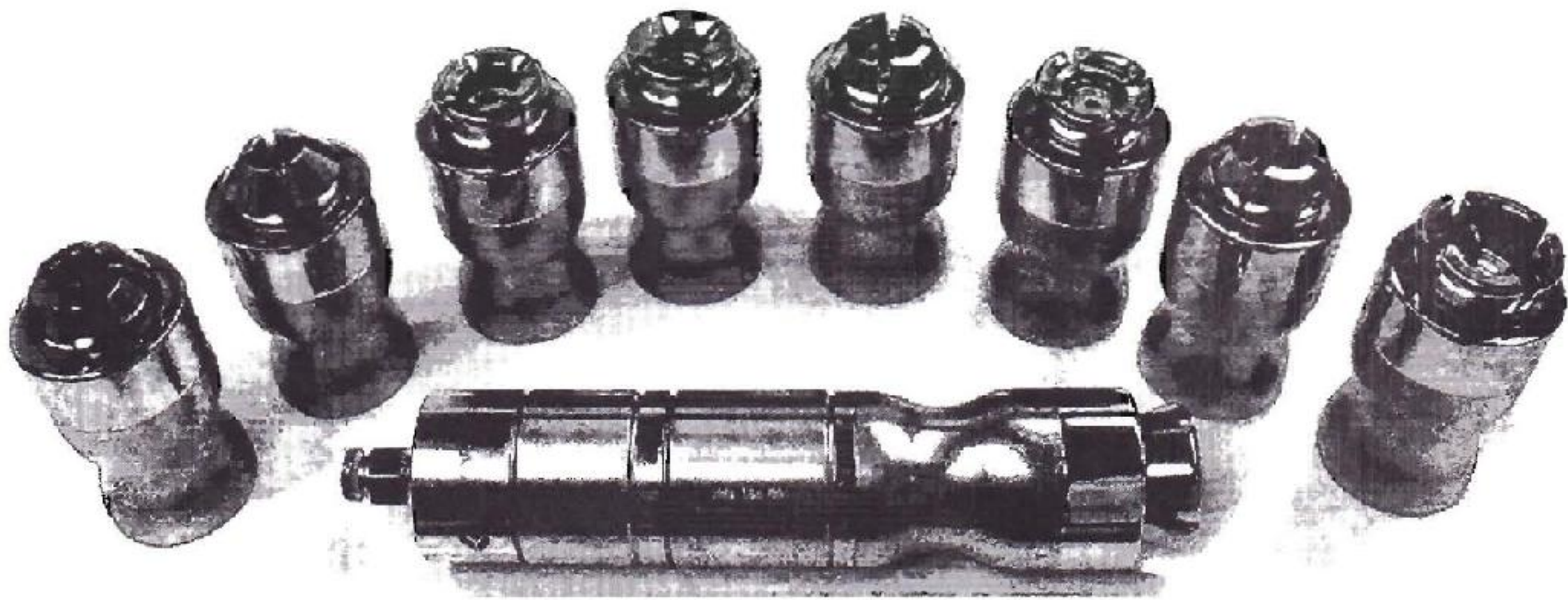


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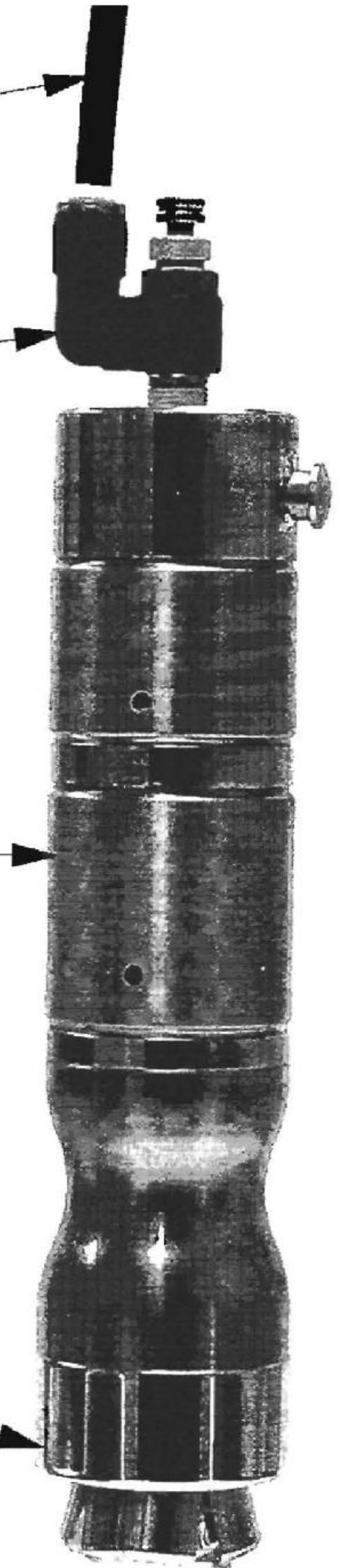


1. Hose  
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### *Connecting or replacing the crimping/decrimping head*

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Place the appropriate cap on the vial.

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Reattach air supply to the Vertical Air Crimper regulator unit.

### ***Decapping***

Place the Vertical Air Crimper unit over the cap and vial assembly. Make sure the unit sits flush upon the top of the vial.

Depress and hold the operation button.

Lift the Vertical Air Crimper unit straight up to remove cap from the vial.

Release the operation button.

## **Care and Cleaning**

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