



Replacing Fluid Element

Step 11.
To prime pump, rotate **Pump Priming Knob**, 20 to 40 turns in the direction of the arrow until adhesive flows from bottle to **Dispense Tip**. Pump is now primed and ready to dispense.



Step 12.
Dispensing of adhesive is achieved by squeezing **Trigger**, touching adhesive drop onto part, and then releasing trigger.

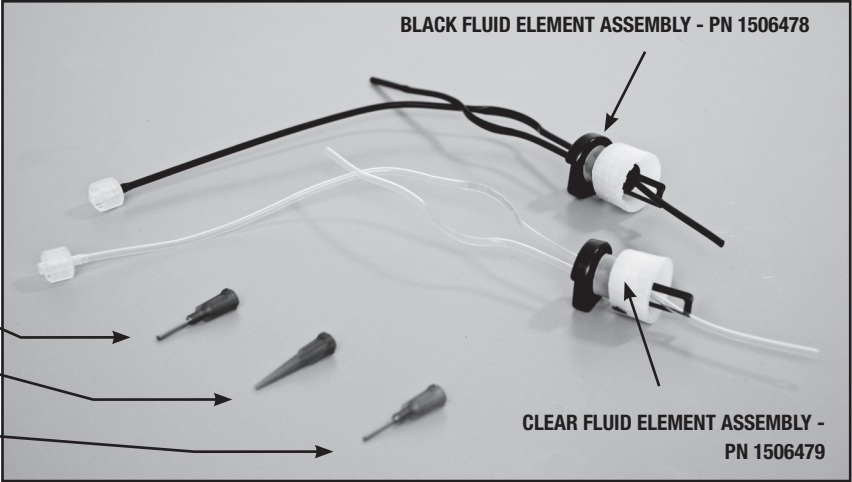


Spare Parts

AMBER SS NEEDLE, 15 GA (50 PACK)
ITEM NUMBER 98396

GREY TAPER TIP, 16 GA (50 PACK)
ITEM NUMBER 97221

GREEN SS NEEDLE, 18 GA (50 PACK)
ITEM NUMBER 98398



BLACK FLUID ELEMENT ASSEMBLY - PN 1506478

CLEAR FLUID ELEMENT ASSEMBLY - PN 1506479

Troubleshooting

Malfunction	Possible Cause	Correction
Does not prime.	Fluid Element Tube is not correctly installed.	<ul style="list-style-type: none">• Repeat Fluid Element installation Steps 5-12.• Try gently stretching dispense tip when installing Fluid Element Tube.
	Dispense Tip is clogged. Dispense Tip is too small.	<ul style="list-style-type: none">• Change Dispense Tip.• Use larger Dispense Tip.
Difficult to control drop dispensing.	Wrong dispense setting.	<ul style="list-style-type: none">• Use a smaller dispense setting (see Setting Dispense Amount).• Squeeze trigger slowly.

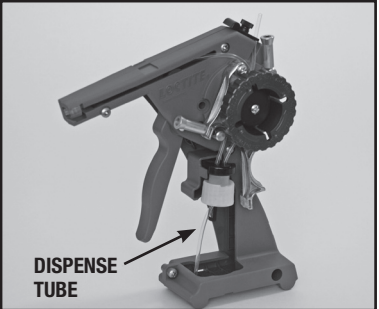
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One Henkel Way
Rocky Hill, CT 06067-3910
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www.henkeln.com/industrial



Equipment Operation Manual
CA Volumetric Hand Pump
Part No. 1506477


Loading and Priming

Step 1.
Ensure that the lower **Fluid Element Dispense Tube** is clean and dust free.




DISPENSE TUBE

Step 2.
Remove **Cap** and **Nozzle** from CA bottle and discard.

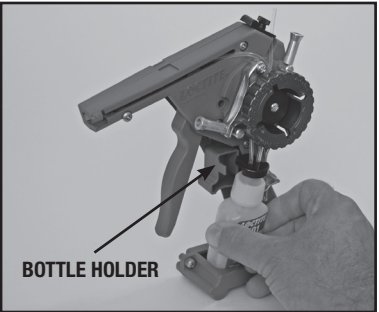


Step 3.
Screw bottle into **Fluid Element Cap** by turning bottle. Tighten gently with pliers.




FLUID ELEMENT CAP

Step 4.
Align **Fluid Element Cap** so it will slide into **Bottle Holder Tray**.

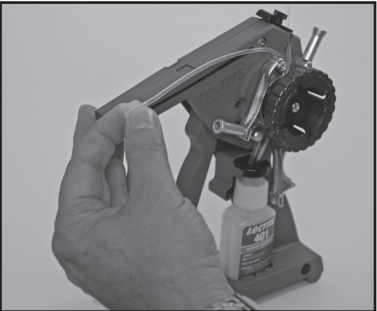


BOTTLE HOLDER

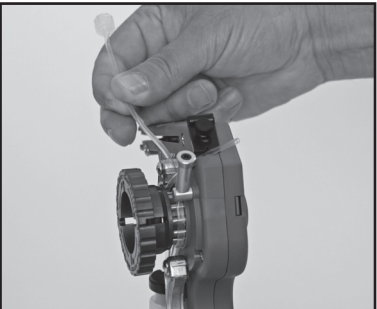
Step 5.
Bottle is now properly installed.



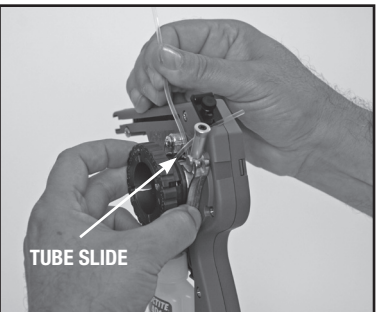
Step 6.
Remove **Fluid Element Dispense Tube** from holder.



Step 7.
Pull gently on **Fluid Element Dispense Tube** to align it with the center of the rollers.



Step 8.
Close **Tube Slide** and apply pressure to **Tube Slide**.



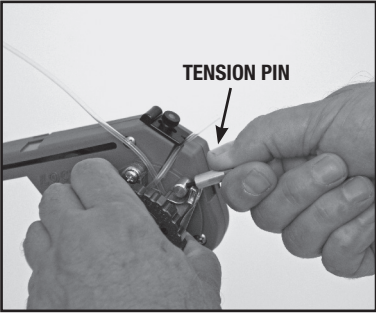
TUBE SLIDE



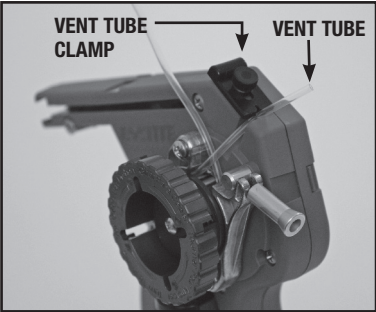
Excellence is our Passion

Loading and Priming

Step 9.
Clamp tube slide with **Tension Pin** by pulling pin out and sliding over the tube slide.



Step 10.
Slide **Vent Tube Clamp** down to ensure **Vent Tube** is securely fastened.



Step 11.
Select **Dispense Tip** and install onto **Luer Fitting**. Secure fluid line into holder by pushing into groove. Insure that the tip is secure by pushing against back wall of holder.

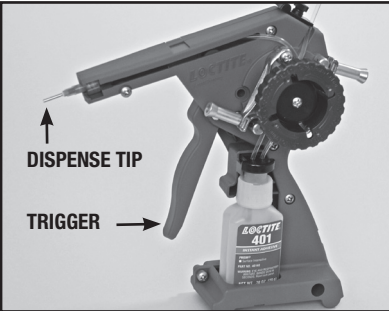


Step 12.
To prime pump, rotate **Priming Knob**, 20 to 40 turns in the direction of the arrow until adhesive flows from bottle to **Dispense Tip**. The pump is now ready to dispense.



Setting Dispense Amount

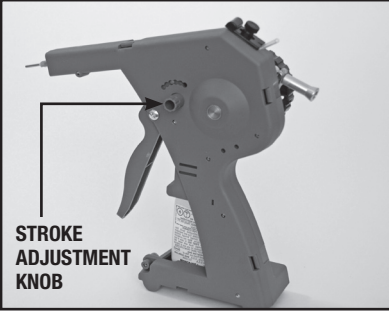
Step 1.



To set dose amount, pull Trigger all the way back and hold, then:

- Press **Stroke Adjustment Knob** in.
- Keeping hold of the **Trigger**, rotate **Adjustment Knob** to one of the six dose settings and release **Trigger**.
- Dispensing is achieved by squeezing and releasing **Trigger**.
- Best results are achieved by squeezing the **Trigger** and allowing a drop to form on the **Dispense Tip**. Once a drop is present, transfer the adhesive to the part to be bonded and release **Trigger**.

Step 2.
To change the setting push and rotate **Stroke Adjustment Knob** while trigger is pulled back.



Typical Dose Amounts Viscosity Range 1-1500cP						
Adhesive Product	Max. Setting 6	Setting 5	Setting 4	Setting 3	Setting 2	Min. Setting 1
Loctite® 401™ 110cP	9 mg	7 mg	6 mg	4.5 mg	3 mg	1 mg
Loctite® 415™ 1500cP	6.5 mg	5 mg	4.5 mg	3.5 mg	2.5 mg	1 mg

Replacing Fluid Element

Step 1.
Remove **Cap** and **Nozzle** from CA bottle and discard.



Step 2.
Install **Fluid Element** to bottle. Tighten to ensure a good seal. Note that the fluid element cap assembly has two tubes inserted into the cap. The long tube is the **Dispensing Tube**. The short tube is the **Vent Tube**.



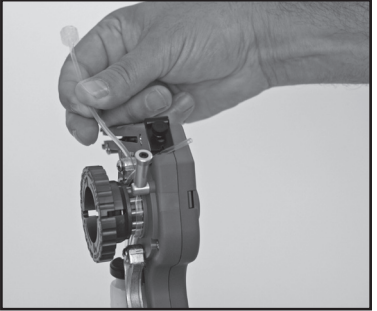
Step 3.
Align **Fluid Element Cap** so the flat side will be facing the pump handle during installation.



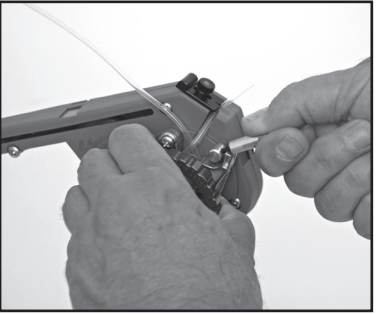
Step 4.
Wrap the long **Dispensing Tube** around the right side of the priming knob while keeping the shorter **Vent Tube** facing to the left.



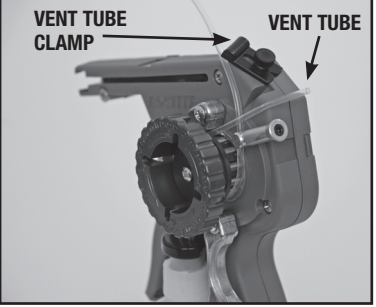
Step 5.
Pull gently on **Fluid Dispense Tube** to align it with the center of the rollers.



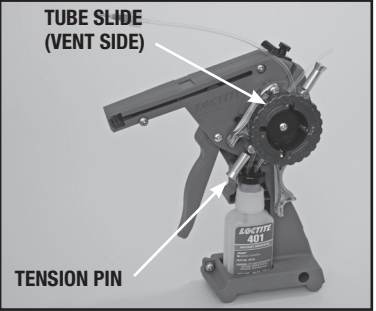
Step 6.
Close fluid **Dispense Tube Slide** onto fluid line and clamp in place by pulling the **Tension Pin** and sliding over the **Tube Slide**.



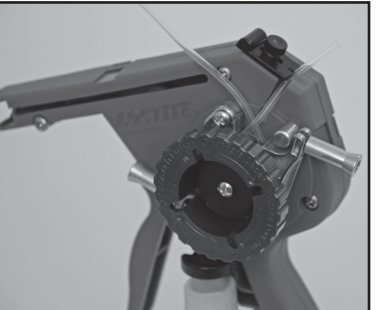
Step 7.
Pull gently on **Vent Tube** and place into groove. Clamp in place with **Vent Tube Clamp**.



Step 8.
Close **Tube Slide** onto **Vent Tube** and clamp in place by pulling the **Tension Pin** and sliding over the **Tube Slide**.



Step 9.
Properly installed **Vent Tube** clamped in place.



Step 10.
Select **Dispense Tip** and install onto **Luer Fitting**. Secure fluid line into holder by pushing into groove. Insure that the tip is secure by pushing against the back wall of the holder.

