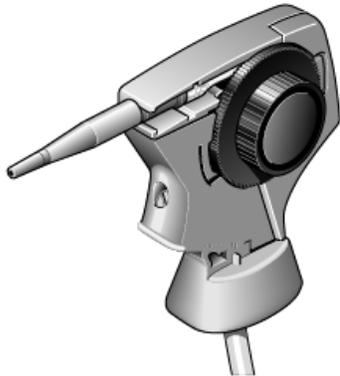




Equipment Operation Manual



Loctite[®] 250ml Bottle Hand Pump

Part No. 97001

Loctite[®] 50ml Bottle Hand Pump

Part No. 98414

Description

The Loctite® 250ml Bottle Hand Pump (item # 97001) is a hand-held bottle-top applicator that mounts easily on any Loctite® 250 ml bottle converting the product package into a portable dispenser. The Loctite® 50ml Bottle Hand Pump (item # 98414) is the same high precision peristaltic bottle-top applicator with the addition of a new ergonomically balanced and resilient bottle stand. Both of these manual systems will dispense single shots of Loctite® Threadlockers and Retaining Compounds from 0.01 to 0.04 ml with viscosities up to 30,000 Cp. These units require no flushing, power or air source.

The unit is not suitable for cyanoacrylate adhesives or primers.

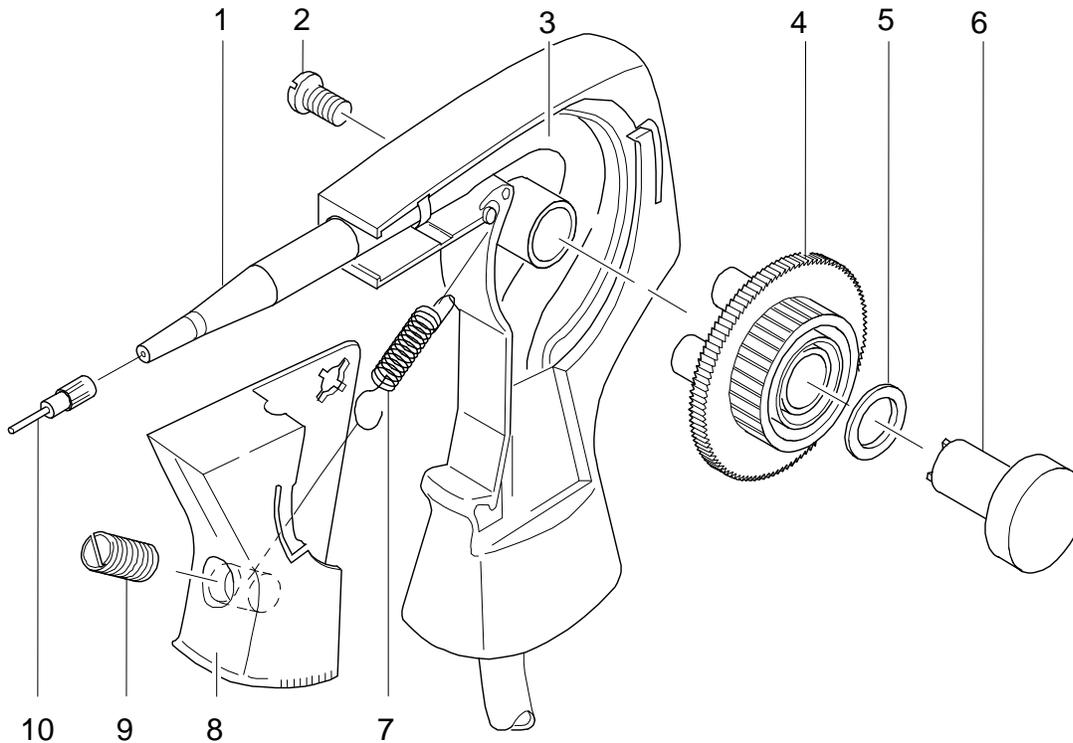


Figure "A"

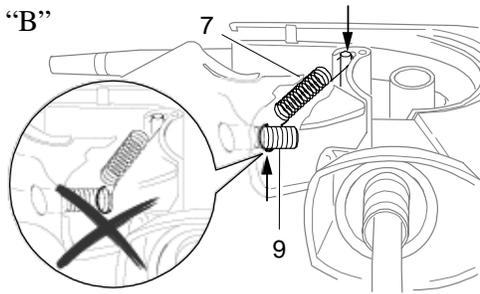
- | | |
|--|---------------------|
| 1. Nozzle (Item Number 993174) | 6. Cap |
| 2. Screw | 7. Spring |
| 3. Tube 250ml (Item Number 993163)
Tube 50ml (Item Number 988225) | 8. Trigger |
| 4. Dispensing Wheel | 9. Adjustment Screw |
| 5. Washer | 10. Dispense Needle |

Note: Parts with item numbers are available as spare parts.

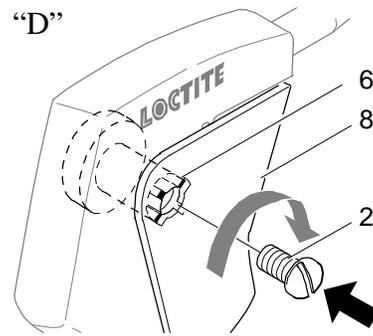
Function

The hand pump is screwed onto the original Loctite® product container. By pressing the trigger **8**, the dispensing wheel **4** is turned and an exact quantity of the product is transported through the tube **3** to the nozzle **1**.

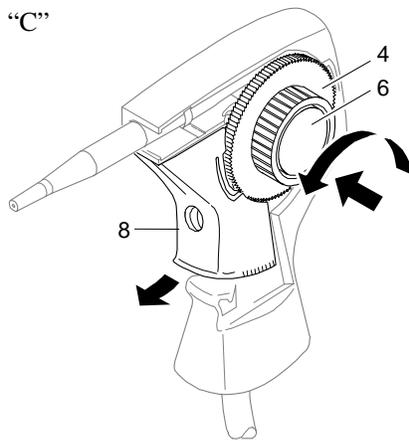
The quantity applied is dependent on the stroke set for the trigger **8** and can be adjusted with the adjustment screw **9**.



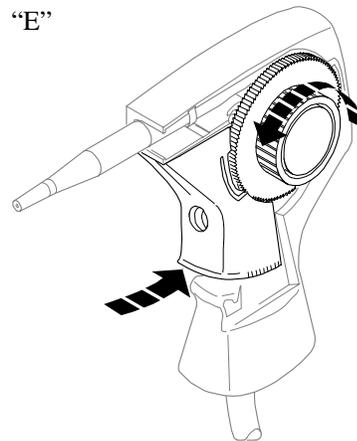
- Connect the spring **7** properly so that it does not jump off when the adjusting screw **9** is turned



- Engage the keys on the shaft of the cap **6** into the trigger **8**
- Insert and tighten the screw **2**



- Insert the cap **6** with the washer **5** and dispensing wheel **4**
- Turn the dispensing wheel **4** counter clockwise while applying light pressure until the pawl engages in the teeth
- Pull the trigger **8** forward so that the pawl can engage in the dispensing wheel **4**



- Check the function of the unit

“F”



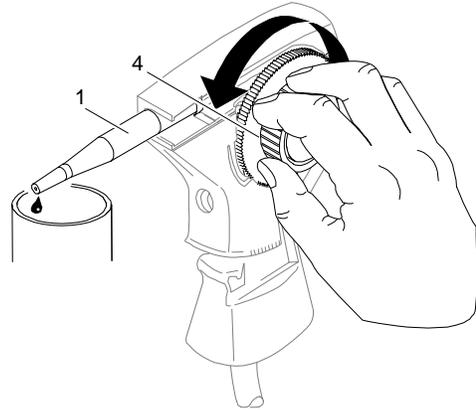
- **250 ml Loctite® Product Container:**
- Place one rubber washer over the neck of the product container
- Screw the hand pump onto the container

“G”



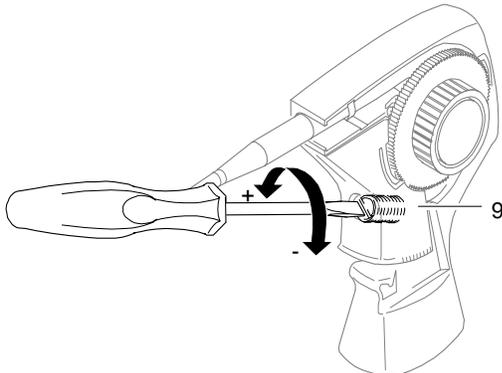
- **50 ml Loctite® Product Container:** Pass neck of bottle through the hole at the top of the stand, place one rubber washer over the neck of the product container, and screw the hand pump onto the container. (See next page.)

“T”



- **Priming the Pump:** Turn the dispensing wheel **4** counter clockwise until the product comes out of the nozzle **1**

“H”



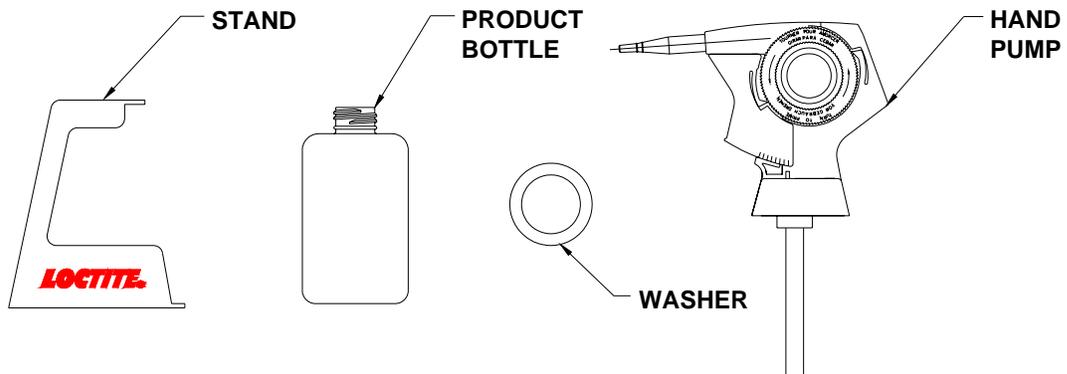
The quantity applied depends on the stroke setting of the trigger **8**.

- Press the trigger **8** to start and release.
- Change the quantity applied with the adjusting screw **9**:
Screw out the adjusting screw for more product.
Screw in the adjusting screw for less product.

Correcting Malfunctions

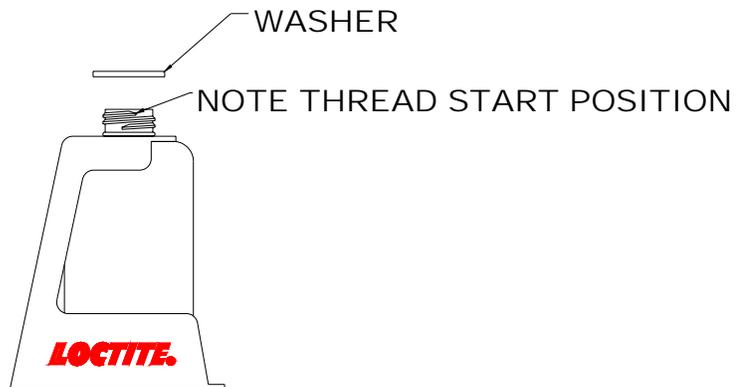
Type of malfunction	Possible causes	Correction
No product.	Nozzle 1 clogged.	Clean nozzle 1 .
Trigger 8 without back pressure.	Spring 7 not on adjusting screw 9 .	Attach spring 7
Dispensing wheel 4 does not move.	Improper assembly.	Reassemble dispenser wheel 4

The 98414 is a three-piece assembly plus the product bottle.

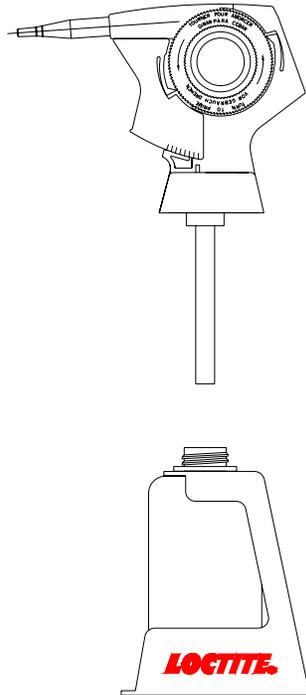


To Assemble:

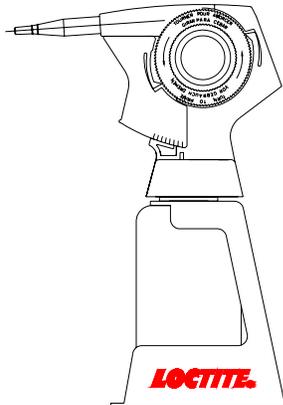
1. Slide bottle into stand and lift bottleneck through hole in stand.
2. Insert washer over neck of bottle.



3. Insert pump tube into product bottle. Screw pump onto threaded neck of bottle.



4. Screw pump to bottle until tight (approximately 13 in-lbs). If thread start is properly orientated the pump will face in the following position. If pump faces in the opposite direction unscrew pump, turn bottle 180 degrees and reassemble.



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