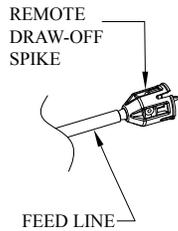
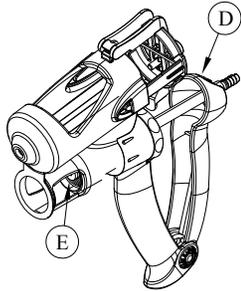
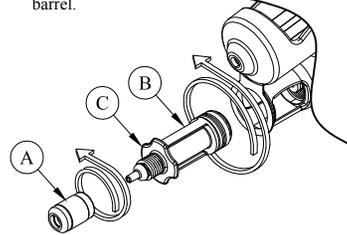


CLEANING INSTRUCTIONS

1.) **LINE CLEANING:** Before disassembling the vaccinator for cleaning, clean the line. Partially fill a sink or small container with hot, soapy water. Hold the remote draw-off spike underneath the water in one hand while holding the vaccinator in the other. Continuously squeeze the vaccinator, pumping water through it until clean. To rinse, repeat with clean water.



2.) **BARREL REMOVAL:** Unscrew the needle nut (A) from the barrel (B). Next, unscrew the barrel, turning it by the barrel flange (C) remove entire barrel from vaccinator. Wash the all parts in hot, soapy water, then rinse. Use the supplied brush to remove any remaining contaminants from barrel.



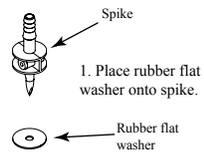
3.) **HANDLE CLEANING:** Remove the feedline from the vaccinator. At this point, the remaining handle assembly(D) should be washed or allowed to soak in hot soapy water, then rinsed and allowed to dry. Before reinstalling the barrel assembly, apply 1 or 2 drops of food-grade lubricant to the piston o-ring (E). Squeeze the handle to move the piston forward, making it more accessible.

4.) **REASSEMBLY:** Reinstall the needle (A) nut onto the barrel (B) and resintall barrel onto handle assembly-hand tighten only.

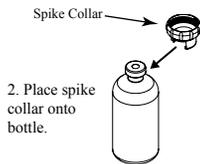
!!CAUTION!! DO NOT OVER TIGHTEN NEEDLE NUT OR BARREL! FINGER TIGHTEN ONLY! OVERTIGHTENING CAN CAUSE BARREL BREAKAGE! DO NOT PLACE ANY PART OF THE VACCINATOR IN A MICROWAVE OVEN OR NEAR A HEAT SOURCE!

*PRIMA TECH
CLEANING KIT
PART# 341013.*

UNI-LOCK ASSEMBLY INSTRUCTIONS



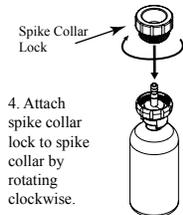
1. Place rubber flat washer onto spike.



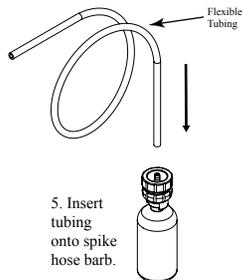
2. Place spike collar onto bottle.



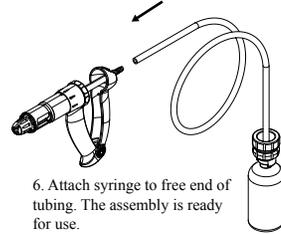
3. Insert spike into bottle.



4. Attach spike collar lock to spike collar by rotating clockwise.



5. Insert tubing onto spike hose barb.



6. Attach syringe to free end of tubing. The assembly is ready for use.

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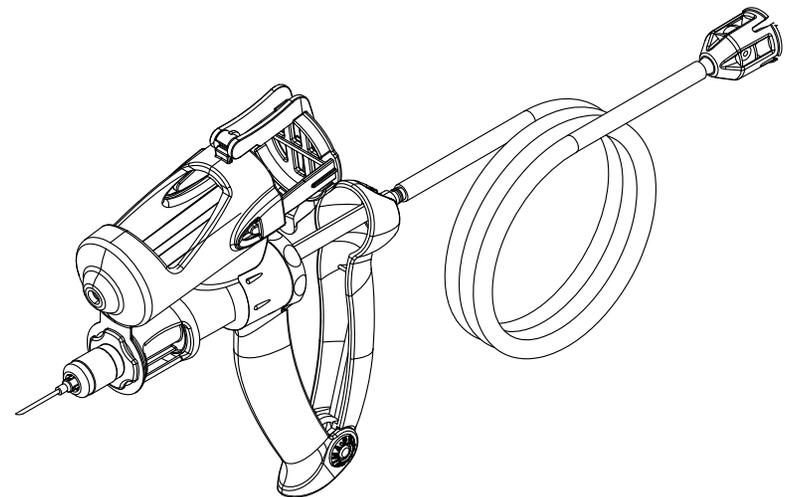


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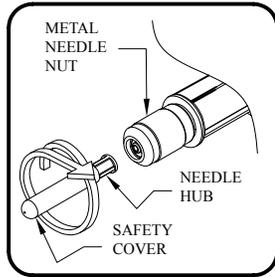
INSTRUCTION MANUAL

PRIMA MARC



English 1-2019

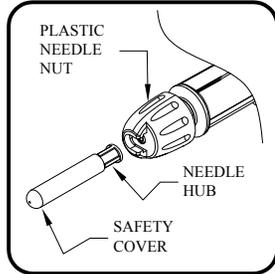
INSTRUCTIONS FOR USE



TO FIT NEEDLE WITH METAL LEUR NEEDLE NUT:

*Some units are equipped with a plastic "T"-slot type needle nut. If your vaccinator has this type of needle nut, please use the instructions under the next section.

- 1.) For safety, leave protective cover on needle until ready to prime vaccinator.
- 2.) Make sure metal needle nut is finger tight. DO NOT TIGHTEN WITH PLIERS OR OTHER TOOLS. THIS CAN CAUSE BARREL BREAKAGE.
- 3.) Push needle hub into needle nut and twist clockwise until needle locks in place. Remove safety cover when ready to prime vaccinator by continuing to twist clockwise. The safety cover will twist off, exposing the needle. (KEEP COVER FOR NEEDLE REMOVAL.)
- 4.) To remove needle. Replace safety cover onto needle and twist counter-clockwise. Needle will twist out. Discard needle in bio-safe container. DO NOT REMOVE NEEDLE NUT TO REMOVE NEEDLE. THE NEEDLE NUT WILL STAY IN PLACE.

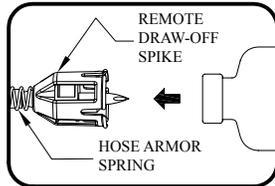


TO FIT NEEDLE WITH PLASTIC NEEDLE NUT:

- 1.) For safety leave protective cover on needle until ready to prime vaccinator.
- 2.) Loosen plastic needle nut until nib is below cut-out "T"-slot section as shown.
- 3.) Insert needle base into cut-out "T"-slot section and screw needle nut firmly onto barrel. DO NOT TIGHTEN WITH PLIERS OR OTHER TOOLS. THIS CAN CAUSE BARREL BREAKAGE.
- 4.) Remove safety cover when ready to prime vaccinator by twisting safety cover clockwise. The safety cover will twist off, exposing the needle.
- 5.) To remove needle. Replace safety cover onto needle. Partially unscrew needle nut until needle can be removed. Discard needle in bio-safe container.

BOTTLE ATTACHMENT:

* There are 3 sizes of draw-off spikes. There is a draw-off for 100ml bottles (20mm), another for 250ml bottles (30mm) and a third for bottles with a 33mm cap. Attach one end of the feed line to the plunger barb. Find the size draw-off spike that fits the bottle you are using and attach it to the opposite end of the feed line.

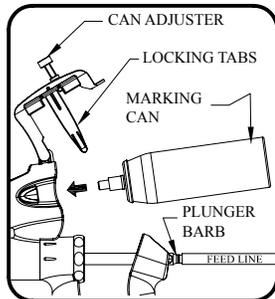


1.) TO ATTACH BOTTLE:

- A.) After piercing rubber stopper, hold bottle at base in one hand. Hold draw-off spike with the other.
- B.) Align pierced rubber stopper with draw-off spike and press firmly together making sure that the hose-armor spring is pulled up to the draw-off spike. *DO NOT TWIST BOTTLE!*

2.) TO REMOVE BOTTLE:

- A.) Using the thumb and forefinger of one hand, squeeze the draw-off spike firmly.
- B.) Using the other hand, grasp the bottle by the bottom and pull firmly out.

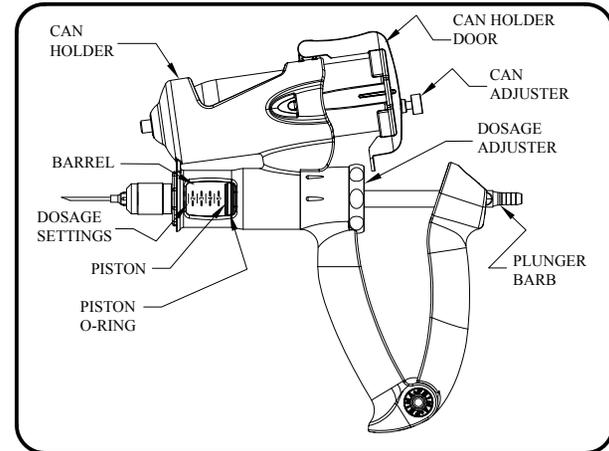
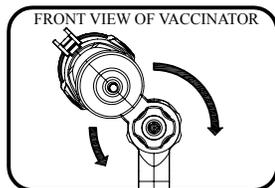


TO INSTALL MARKING CANS:

- 1.) Squeeze the locking tabs on each side of the can holder door to open.
- 2.) Screw out the can adjuster until the end of the screw is nearly flush, being careful not to screw it all the way out.
- 3.) Carefully insert the marking can into the can holder and close door, ensuring that the locking tabs snap back into place.
- 4.) Squeeze the vaccinator handle to ensure the marking can is activating. If not, squeeze the handle firmly and screw in the can adjuster until the marking can begins to spray. Do not adjust any further. Over adjusting will cause the can to spray a constant stream.
- 5.) Release the handle and give a squeeze or two to ensure marking spray is spraying when the handle is squeezed and stopping when the handle is released.

TO ROTATE CAN HOLDER:

- 1.) The can holder can be rotated to suit individual user preferences. To rotate, simply push the can holder in either direction to the desired position.



TO PRIME VACCINATOR:

- 1.) Remove protective cover from needle.
- 2.) Align front of piston with the line of the largest dose setting. *NOTE: SOME VACCINATORS ARE FIXED-DOSE ONLY. THIS MEANS THAT THE DOSE SETTING CANNOT BE ADJUSTED (EVEN THOUGH THE ADJUSTER WILL TURN). ADJUSTABLE DOSE VACCINATORS WILL HAVE GRADUATED DOSAGE SETTINGS PRINTED ON THE BARREL AS SHOWN. FIXED, NON-ADJUSTABLE VACCINATORS WILL HAVE BARRELS PRINTED WITH ONE DOSE SETTING ONLY, WHICH REPRESENTS THE DOSAGE TO WHICH THE VACCINATOR IS FIXED. IF YOU ARE USING A FIXED-DOSE VACCINATOR SKIP THIS STEP AND GO TO STEP #3.
- 3.) Tip vaccinator up at a slight angle, with the needle pointing up. Top of vaccine bottle must be pointed downwards such as when hanging in a VAC-PAC carrier.
- 4.) Squeeze vaccinator handle, then release quickly to draw fluid into the barrel.
- 5.) Remove any air bubbles from the barrel by repeating step 4 being careful not to waste fluid.

TO SET DOSAGE:

Align front of piston with the line of the largest dose setting using the dose adjuster. *NOTE: SOME VACCINATORS ARE FIXED-DOSE ONLY. THIS MEANS THAT THE DOSE SETTING CANNOT BE ADJUSTED (EVEN THOUGH THE ADJUSTER WILL TURN). ADJUSTABLE DOSE VACCINATORS WILL HAVE GRADUATED DOSAGE SETTINGS PRINTED ON THE BARREL AS SHOWN. FIXED, NON-ADJUSTABLE VACCINATORS WILL HAVE BARRELS PRINTED WITH ONE DOSE SETTING ONLY, WHICH REPRESENTS THE DOSAGE TO WHICH THE VACCINATOR IS FIXED.

LUBRICATION:

If vaccinator becomes sluggish, clean thoroughly using the cleaning instructions on back. You will need to remove the barrel assembly, clean and apply a couple of drops of Prima Tech lubricant to the piston o-ring. Many times, product failure is due to insufficient cleaning. For complete cleaning instructions, please see back panel.