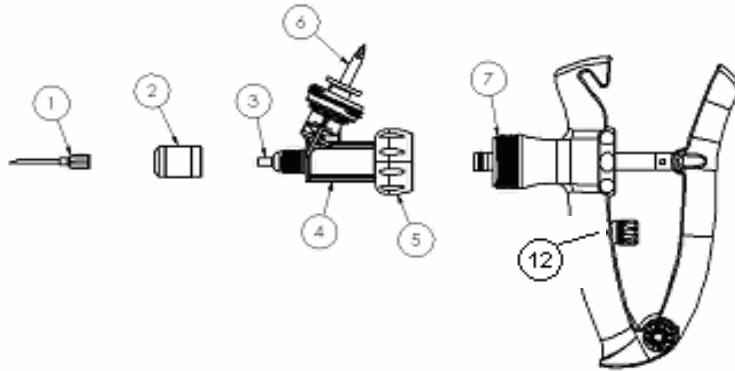


# Prima Bottle Mount Vaccinator (BMV)



To affix a needle (1), break open the sterile needle casing, exposing the needle hub while leaving the needle point in the plastic needle casing. Do not loosen or remove the metal needle nut (2 – part number 330840) from the barrel (4 – 0.5 ml part number 332912, 2ml part number 206800, 5ml part number 206855). Insert needle into the hole in needle nut and turn clockwise to tighten, and then pull off the protective needle point casing.

To remove a needle, turn needle counter clockwise, carefully dispose of the needle.

To prime the syringe, set dose at maximum and pump the syringe until fluid begins to fill the barrel.

To set dose, align front of piston to desired dose setting printed on the barrel by turning the dose adjuster clockwise or counter-clockwise. Then, hold the syringe vertically, with needle pointing upward, flick the barrel until the bubble is centered, then carefully squeeze until the bubble disappears.

To clean, flush the applicator with hot soapy water, rinse and allow time for drying.

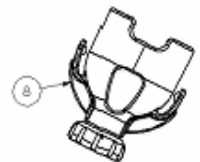
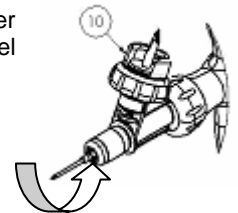
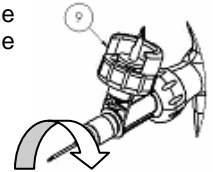
To lubricate, remove barrel and lubricate piston o-ring with a food grade synthetic oil.

To use syringe with bottle collar (9 - 250ml bottle collar, part number 332080 or 10 - 100ml bottle collar, part number 218902), pierce medicine bottle's rubber stopper (bung) with the scalpel provided with syringe, slide collar onto neck of bottle, press onto spike (6) and turn collar clockwise to tighten. To remove bottle, turn collar counterclockwise to loosen, then pull bottle upward from spike.

To operate Fast-Fit bottle mount (8 – part number 336811): pierce medicine bottle's rubber stopper (bung) with the scalpel provided with syringe. Hold bottle at base in one hand and hold vaccinator in the other hand. Looking through the Fast-Fit window, align the rubber stopper (bung) with the draw spike (6) and press together firmly until the retention clips click. Do not use a turning motion.

To remove the bottle, depress the retention clips on each side of the Fast-Fit and pull the bottle out of the holder.

To adjust the tension on the handle spring, turn the spring tension adjuster (12) clockwise to increase, and counter-clockwise to decrease.



Drench nozzles (11) are also available for your BMV.

4 inch nozzle - part number 332882

3 inch nozzle – part number 333025

Other replacement parts:

Piston o-rings: 0.5 ml – 335272, 2ml – 203304, 5ml - 203502

## Prima Tech USA

PO Box 336 – Kenansville, NC 28349

US & Canada (888) 833-7099 • International and Local (910) 296-6116 • Fax (910) 296-0306 • email: [info@primattechusa.com](mailto:info@primattechusa.com)

338648-A

# Cleaning Instructions for your Prima Tech syringe

Prima Tech syringes are designed to last for a long period of time provided the units are properly cared for. For best results, the syringes should be cleaned thoroughly after each use.

Choose a work area that is 2 feet by 2 feet or larger. Do not work in an area subject to blowing dirt or dust. Wash the work area surface with hot soapy water, then wash your hands thoroughly and cover your work area with clean paper towels.

Rinse the internal components by drawing a hot water mild detergent mix through the tubes, connectors and syringe repeatedly. Do not use a soap or disinfectant on internal components. ***Do not use antibacterial soaps or disinfectants when using modified live virus vaccines as these soaps may harm the vaccine.*** After washing with the hot water mild detergent mix, then rinse thoroughly with clean warm water.

Disassemble the syringe and repeat the process, washing the external parts of the syringe with hot soapy water and a brush, and rinsing thoroughly with clean warm water. Then place the clean parts on the paper towels so that they can dry.

Before reassembling the syringe, lubricate the piston o-ring and/or felt washers with a few drops of FM Hydraulic Oil. This is a special formulation of synthetic food grade oil that is carefully blended to meet the stringent requirements of the food manufacturing industry. It is registered by the National Science Foundation (Class H1) and meets the 1998 USDA guidelines for lubricants for use where there is a potential for incidental food contact. Made only from substances permitted under the US FDA Title 21 CFR 178.3570, 178.3620 and/or those generally regarded as safe (US 21 CFR 182) for use in food grade lubricants. Other oils will not lubricate as consistently and evenly and may become sticky in syringes that are stored in extreme temperatures.

After cleaning syringes with hot water, always be sure to let the syringe cool to room temperature before using, as heat can damage some vaccines.

**Do not use a microwave for cleaning Prima Tech Syringes!** There are metal springs in the syringes that should never be placed in a microwave, as metal objects inside the oven may result in high-voltage arcing, potentially damaging the syringe, the microwave cabinet and/or causing a fire.

## Prima Tech USA

PO Box 336 – Kenansville, NC 28349

US & Canada (888) 833-7099 • International and Local (910) 296-6116 • Fax (910) 296-0306 • email: [info@primatechusa.com](mailto:info@primatechusa.com)

338648-A