


Priming

Oil- or Water-based Materials

 To spray **lacquers**, purchase **Lacquer Conversion Kit 248202**, and follow Priming procedure for oil-based materials.

To spray **water-based** materials **after spraying oil-based** materials, flush the system thoroughly with water first. The water flowing out of prime tube should be clear and solvent-free **before** you begin spraying the water-based material.

To spray **oil-based** materials **after spraying water-based** materials, flush the system thoroughly with mineral spirits or a compatible oil-based flushing solvent first. The solvent flowing out of the prime tube should not contain any water.

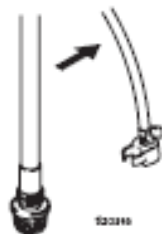


- When spraying with solvents, ground gun. Read Grounding and Electric Requirements, Maintaining grounding continuity, page 5.
- To avoid fluid splashing back on your skin or into your eyes, always aim gun at inside wall of pail.

1. Turn Spray-Prime/Drain valve to PRIME.



2. Separate prime tube (smaller) from suction tube (larger).



3. Place prime tube in waste pail.



4. If spraying oil-based materials, submerge suction tube in mineral spirits or compatible oil-based cleaning solvent.

If spraying water-based materials, submerge suction tube in water.

5. Plug sprayer in to grounded outlet.

6. Point gun into waste pail.

7. Turn power switch ON.



8. Increase pressure, by turning Pressure Control knob clockwise, until pump starts.

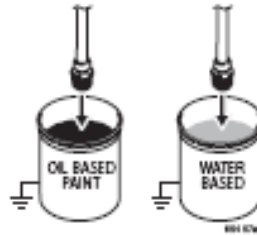


9. Allow fluid to flow out of prime tube, into waste pail for 30 to 60 seconds.

10. Turn power switch OFF.



11. Submerge suction tube in paint.



12. Turn power switch ON.

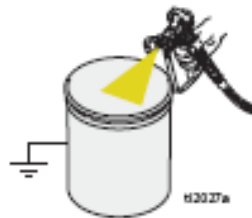


13. When paint starts to come out of prime tube, aim gun toward waste pail, pull and hold gun trigger and turn Spray-Prime/Drain valve to SPRAY.



- Motor stopping indicates pump and hose are primed with paint.

14. When paint comes out of gun, release trigger.

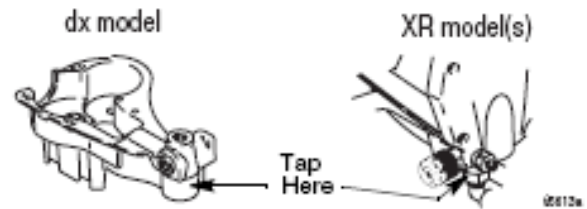


15. Clip drain tube to suction tube.

- If the pump does not prime after 30 seconds, Read Pump Check Valves, page 11.

Pump Check Valves

Storing pump in water, adequate flushing, or ingested debris can cause either of the pump's two check valves to malfunction. Try to loosen the check balls loose by tapping the inlet valve with a small wrench. The sprayer should be on and running.



CAUTION

Excessive shock will fracture or cause other damage to the pump.

- To determine if the inlet valve ball is sticking, unscrew inlet valve from pump and check it. MAGNUM XR7 and XR9 sprayers allow for inlet valve removal without removing suction tube.

If sprayer continues to cycle (motor and pump run) after you release gun trigger, the pump valves may be obstructed or worn. If they are worn, valve repair kits are available. Consult a Graco/MAGNUM authorized service center.