**Caution:** Wear the proper safety protection when sanding, cleaning, mixing and spraying all materials included within this process.

PD-0410

SPRAY GUN TROUBLESHOOTING 2

HVLP AND COMPLIANT EQUIPMENT

**FLUID TIP SIZE AND AIR CAP**

Follow spray gun or paint manufacturer’s recommendations for the product being used.

**BANANA, HEAVY TOP OR BOTTOM PATTERN**

Problem: Fluid tip or air cap is dirty/damaged

Correction: Test spray pattern, rotate 180 degrees and test again to isolate cause.

Clean both items thoroughly or replace fluid tip or air cap if damaged.

**HEAVY CENTER OR BALL END PATTERN**

Problem: Too much fluid flow or bad air/paint setting

Correction: Reduce Fluid flow

Increase Air pressure

Reduce Fluid size

**SINGLE OR DOUBLE SPLIT PATTERN**

Problem: Too much air for fluid quantity used

Correction: Reduce air pressure at regulator.

Increase fluid flow by changing fluid tip size or opening needle control knob.

**INTERMITTENT FAN OR ‘FLUTTERING’**

Problem: Air in the fluid passageway

Correction: Insufficient paint in cup

Fluid tip loose

Fluid needle packing or packing screw loose

Cup vent hole clogged