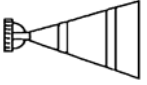



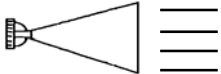


Pattern Problems	Parts	Causes	Remedies
Fluttering/Pulsating 	Air Cap Set	Loose	Tighten
	L gasket (black) on Air Cap Set	Loose or Installed incorrect	Replace
	Fluid Nozzle	Dirt on seat surface Wear or Damage	Clean Replace
	Fluid Needle (part of Needle Packing)	Wear or Damage	Replace
	Needle Packing	Wear or Damage	Replace
	Fluid Nipple	Loose Dirt on seat surface Damage on seat surface	Tighten Clean Replace
	Cup Fitting	Loose Dirt on seat surface Damage on seat surface	Tighten Clean Replace
	-	Opening between Fluid Nozzle and Fluid Needle is too small Fluid Nozzle is too small	Adjust Fluid Adj. Knob Switch to Bigger Fluid Nozzle
Crescent 	Air Cap Set	Paint builing up on Air Cap horn Horn holes are clogged Damage	Clean Clean Replace
	Fluid Nozzle	Paint builing up on the tip Paint residue is inside Fluid Nozzle Damage	Clean Clean Replace
	-	-	-
Top/Bottom Heavy 	Rotate Air Cap Set 180 degrees and if heavy part is on same side,		
	Fluid Nozzle	Paint builing up on the tip Paint residue is inside Fluid Nozzle Damage	Clean Clean Replace
	if it's reversed,		
Air Cap Set	Paint builing up on Air Cap horn Horn holes are clogged Damage Loose	Clean Clean Replace Tighten	
Split/ Too wide spray pattern 	-	Atomizing air pressure is too high Paint viscosity is too thin Too much paint output	Adjust pressure Adjust viscosity Adjust Fluid Adj. Knob or Switch to smaller Fluid Nozzle
	-	Atomizing air pressure is too low Paint viscosity is too heavy Less paint output	Adjust pressure Adjust viscosity Adjust Fluid Adj. Knob or Switch to smaller Fluid Nozzle
Spitting/Weeping 	Fluid Nozzle	Paint residue is inside Fluid Nozzle Wear or Damage	Clean Replace
	Fluid Neelde	Wear or Damage	Replace
	Air Cap Set	Paint building up inside Air Cap	Clean
	Needle Packing	Too tight	Retighten
	Fluid Adj. Knob	Loose	tighten
	Needle Spring	Wear (lack of load)	Replace
	Air Valve	Wear	Replace
	-	Atomizing air is too low	Adjust pressure

