

# Troubleshooting Guide

RESOURCES

## Spray Gun Troubleshooting Guide

Fault	Cause	Remedy
Heavy top or bottom pattern	Horn holes blocked	Clean
	Obstruction on top or bottom of fluid tip	Clean
	Cap and or tip seat dirty	Clean
Heavy right or left side pattern	Left or right side horn holes are blocked	Clean
	Obstruction on left or right side of fluid tip	Clean
Heavy centre pattern	Paint viscosity too high	Reduce viscosity
	Fluid output too high	Adjust fluid adjustment knob to decrease fluid output
	Atomising pressure too low	Increase pressure
Split spray pattern	Paint viscosity too low	Increase viscosity
	Fluid output too low	Adjust fluid adjustment knob to increase fluid output
	Air pressure too high	Reduce air pressure
Fluttering	Loose or damage fluid tip or seat	Tighten or replace
	Material level too low	Refill
	Obstruction in fluid passage	Clean
	Needle packing loose or damaged	Tighten or replace
	Material viscosity too high	Reduce viscosity
	Air vent in pot lid blocked	Clear
Unable to get round spray pattern	Fan adjustment set not seating properly	Clean or replace
	Air cap retaining ring loose	Tighten
Starved spray pattern	Inadequate material flow	Adjust fluid adjustment knob
	Low atomising air pressure	Increase air pressure
Excessive overspray	Too much atomising air pressure	Reduce air pressure
	Gun too far from work surface	Adjust to proper distance
	Paint viscosity too low	Increase viscosity
Paint bubbles in the pot	Fluid tip not tight	Tighten
	Air cap loose	Tighten
	Air cap packing damaged or incorrectly fitted	Replace or refit
Fluid leaking or dipping from the pot lid	Pot lid is loose	Tighten
	Lid is dirty and not fitting correctly	Clean
	Lid packing damaged or incorrectly fitted	Replace or refit

Anest Iwata Australia  
1300 277 729 www.anest-iwata.com.au

## Spray Gun Troubleshooting Guide

Fault	Cause	Remedy
Fluid leaking from needle packing	Packing nut is loose	Tighten but don't over tighten
	Packing is worn or damaged	Replace
Fluid leaking from the nozzle	Needle packing too tight	Loosen
	Fluid nozzle damaged	Replace
	Dry paint build up on nozzle	Clean
	Needle worn or damaged	Replace
	Dry paint build up on needle	Clean
	Fluid needle spring worn or missing	Replace
Air leaking from air cap / fluid nozzle	Air valve seat set worn or damaged	Replace
	Air valve worn or damaged	Replace
	Air valve spring worn, damaged or missing	Replace
	O Ring on air valve seat set damaged or missing	Replace
	Paint build inside fluid nozzle	Clean
	Fluid nozzle worn or damaged	Replace
Air leaking from behind the trigger	Fluid adjustment guide packing worn, damaged or missing	Replace
	Air valve worn or damaged	Replace
	Air valve shaft worn or damaged	Replace
	O Ring on air valve seat set worn, damaged or missing	Replace
	Air valve seat set loose, worn or damaged	Tighten or replace