



## AOM SPRAY EQUIPMENT

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### AIRLESS - AIR ASSISTED AIRLESS TROUBLESHOOTING GUIDE

| PROBLEM                                | POSSIBLE CAUSE                                   | SUGGESTED CORRECTION   |
|--|--|--|
| Runs and sags                          | 1. Too close to surface                          | 1. Spray at proper distance, 8-16" inches  |
|  | 2. Improper stroke speed                         | 2. Stroke too slow. Move gun faster across surface                                 |
|  | 3. Spray motion stopped before releasing trigger | 3. Continue spray motion after trigger release                                     |
|  | 4. Trigger pulled prior to starting spray motion | 4. Begin spray motion prior to pulling the trigger                                 |
|  | 5. Paint viscosity too thin                      | 5. Paint over-reduced. Use new material  |
|  | 6. Too much paint output                         | 6. Correct spray tip size. Spray tip worn. Pressure adjustment                     |
| Insufficient coverage                  | 1. Too far from surface                          | 1. Spray at correct distance, 8-16" inches   |
|  | 2. Paint stroke too fast                         | 2. Slow down paint stroke  |
|  | 3. Insufficient paint delivery                   | 3. Wrong tip size and /or fan width. Adjust pressure                               |
| Pattern too small compared to standard | 1. Tip size too small                            | 1&2. Check tip size and pressure   |
|  | 2. Pressure too high                             | 1&2. Check tip size and pressure   |
|  | 3. Damaged paint                                 | 3. Replace paint   |
| Pattern too large compared to standard | 1. Tip size too large                            | 1&2. Check tip size and pressure   |
|  | 2. Pressure too low                              | 1&2. Check tip size and pressure   |
|  | 3. Spattercoat application not fullcoat coverage | 3. Re-spray wall overlapping strokes by 50%  |
| Webbed or stringy pattern              | 1. Angling or fanning spraygun                   | 1. Hold gun at 90° angle to surface. Stay perpendicular to substrate being sprayed |
|  | 2. Incorrect pressure settings                   | 2. Adjust pressure for respective equipment tip size                               |

|  |  |  |
|--|--|--|
| Poor spray pattern<br>· Tails<br>· Heavy edges | 1. Spray tip worn                                      | 1. Replace   |
|  | 2. Incorrect pressure adjustment for tip size selected | 2. Read recommended pressure adjustments for equipment and re-evaluate tip selection |
|  |  |  |
| Spray gun won't spray, or low output from gun  | 1. Paint supply empty                                  | 1. Refill system   |
|  | 2. Spray tip clogged                                   | 2. Clean tip   |
|  | 3. Incorrect pressure adjustment                       | 3. Check pressure gauge and adjust   |
| Paint spitting or globbing                     | 1. Low on paint  | 1. Refill system   |
|  | 2. Worn or oversized spray tip                         | 2. Replace tip   |
|  | 3. Incorrect pressure settings for tip size selected   | 3. Re-adjust pressure setting  |
|  | 4. Spray tip clogged                                   | 4. Re-evaluate tip selected. Refer to equipment manual                               |
|  |  |  |
| Spray pattern expanding and contracting surge  | 1. Pulsating fluid delivery                            | 1. Wrong piston pumps or diaphragm pumps. Wrong size                                 |
|  | 2. Suction leak  | 2. Inspect siphon hose leak  |
|  | 3. Hose too short                                      | 3. Use longer hose   |
| Round spray pattern                            | 1. Worn tip  | 1. Replace tip   |
|  | 2. Fluid too heavy for tip                             | 2. Replace tip. Thin paint   |