



# ***BECCA Spray Gun Cleaner Diagnostic Guide***



**BECCA CARE™ TECH LINE  
1-800-655-5649**

## Pump Not Pumping Solvent

### 1. Main Air not On

*Solution: Turn on Main Air*

### 2. Air Gage shows less than 40 PSI

Check Air Gauge on front of unit

- 1) Body Style 40, 50, 100, 300 = 80- 85 PSI
- 2) Body Style 700 & 800 = 100-110 PSI on units after Serial Code June 2001



*Solution: 1) Check Air Gauge and make sure it is operating correctly  
2) Adjust Knob on Regulators (external & internal) to confirm their operation. Dirty Air particulate can get stuck & cause a restriction in the orifice or the Regulator may be broken.*

### 3. There is no Sound coming from the Pump even w/ proper Air Pressure

*Solution: The Pump must be repaired or replaced*

### 4. The Pump is cycling very fast and Solvent is not Flowing.

*Solution: 1) Review the Solvent Lines to assure they are in the Solvent Containers.  
2) Review solvent lines for "kinks".  
3) Review the Control Valves to assure their operation. Look at the Flow lines in the control panel to observe where the flow stops.  
4) Review the Pump Check Valves for Clogged or Stuck from Paint.  
5) Review Strainer in container to assure it is not clogged.  
6) If you have a Filtration Recycling System and recently changed filters typically the filter seals need to be reset (or they were not replaced)*

### 5. The Pump has Exhaust Air blowing out the Muffler (White).

*Solution: 1) Internal Pump Failure – He Pump must be Replaced*

## Pump Operating Sluggish or Sporadic

*Solution: 1) Possible water contamination in Air Actuator section of pump. Check Water Trap and empty.  
2) Check to assure pressure gage is fluctuating no lower than 40 PSI.*

## The Pump has Air leaking periodically

1. When the system is sitting in an idle position, the pump is leaking air in a rhythmic pattern.

*Solution:1) ) The Pump has a Relief Valve mechanism that will periodically exhaust when all valves are shut off.*

## Solvent is not Flowing when Valve is Operated

1. Pump is not Operating

*Solution: Review "Pump not Operating" Section above*

2. Pump is Operating but nothing is flowing from the Brush or the Power Pistol or Wash Basin (10, 700, & 800 Body Styles)

*Solution: 1) If flow is not working it is one of the following:*

- a) *Pump problem - see the Pump not Operating (Review "Pump not Operating" Section above)*
- b) *Valve is malfunctioning. To confirm the Valve is Bad, unscrew the handle and rotate the flat edges by 180° and replace Handle. Confirm no flow. If no flow replace the valve.*

*2) For Solvent Units, If flow is coming from one side (Used or Clean) and not the other it is one of the following:*

- a) *Pump problem - see the Pump not Operating (Review "Pump not Operating" Section above)*
- b) *Valve is malfunctioning. To confirm the Valve is Bad, unscrew the handle and rotate the flat edges by 180° and replace Handle. Confirm no flow. If no flow replace the valve.*

## Hear Air Leak inside of Control Cabinet

1. When turning on the Main Air Supply and you hear Air inside the Control Cabinet, there are several causes ranging from a problem w/ the unit to a relief valve in the Pump doing what it is supposed to.

*Solution: 1) Open cabinet, check to assure Blue Air lines are attached to all connection points, including the pump(s).*

- 2) Check that there is not a split or crack in Blue Air lines, follow from internal regulator to all valves and pumps.*
- 3) Pump has a Relief Valve mechanism that will periodically exhaust when all valves are shut off.*

## Catch Pan or Automatic Wash Basin is filling with solvent.

*Check drain to assure free of obstructions.*

*Solution:1) Take Tube Brush clean the drain hole.*

## Automatic Wash Basin Spray Nozzels are not working.

*Solution: 1) Try scrubbing the head of each with a stiff brush*

*2) Remove all nozzles and soak in a solvent/stripper solution*

