

# SPRAYSTORE

## Maintenance & Troubleshooting BAC175

### General Maintenance.

Your BAC175 system is based on a powerful electric piston pump. The most important part of maintaining your machine is to keep it internally clean. This will ensure many hours of trouble free use.

Piston pumps use packings that sit tight against the piston to provide suction and pumping. The packings need some hours of use before they are fully seated in. After your first use and regularly thereafter it is necessary to tighten and lubricate your packings.

Remove the tin holder screwed to the front of your machine and clip off the metal piston protector at the top end of the piston. This will expose the circular tightening ring at the top end of the piston housing. Insert the tool provided in your accessory kit into one of the holes in this ring. Tighten clockwise until the ring is hand tight. Apply two puffs of the lubricating oil provided into one of these holes. This procedure will ensure your packings are tight giving good suction, and lubricate the packings, significantly increasing life-span.

### Common Problems

The machine is working but there is no suction.

1. Either bottom or top ball in piston is stuck with paint residue. Remove the suction pipe assembly. Take the supplied tool and undo the knurled ring at the bottom of the piston housing. Gently pull the ball holder out of the piston housing. Remove and clean the ball and cage. Take a tool the size of a knitting needle and push up through the centre of the piston. You should feel contact with the top ball. Jiggle this up and down to ensure it has free movement. Replace all parts as removed and try again. Your machine should now suck paint.
2. Have you tightened the packings recently? If not tighten these.

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## *BAC175 Maintenance & Troubleshooting Continued*

### The tip is constantly blocking

1. Check that all filters are clean.
2. You may be spraying at too high a pressure for the fluid tip you are using with the paint type. Either reduce pressure or switch to a tip with a larger tip orifice.

### The machine works fine for a while and then drops pressure

You are probably spraying a product that requires the machine to be working in high ratio. Check that you have set your machine to high ratio.

### There are stripes in the spray pattern

1. Ensure that your paint is thinned sufficiently.
2. Increase the spraying pressure until the stripes disappear (DO NOT THEN EXCEED THIS PRESSURE)

If the above suggestions fail to work, call the Spraystore Help-Line on 0845 6008 999 for further advice.