



“Pioneer Series” Portable Manual



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Setting the machine up:

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Connect solution hose to coupler marked solution.

Connect vacuum hose to intake in dome.

Connect other ends of both hoses to wand or upholstery too.
(whichever one you are using).

Fill back tank of machine with hot water and required amount
of chemical.

Plug extension cord into machine and power point on wall.

Push red buttons to start machine.

Away you go earning money ... Simplicity!

Machine maintenance:

Vac motors:

have brushes checked at 450 hrs.

If vac is noisy ie: grinding noise or a squealing noise.

Bearings may need to be changed.

Both items to be done by repair person.

Pump:

Change oil initially at 50 hours. Then every 200 hrs after that.

Filters:

Machine - clean weekly.

Wand - clean fortnightly.

Dump valve:

Clean fortnightly or monthly.

Waste Pump: (if fitted)

Flush with clean water every 1 or 2 days.

Recovery tank:

Clean daily to stop build up of grime and smell.

Look after your machine and it will look after your back pocket!

Trouble shooting:

No vacuum?

Check that the dome is on properly.
Dump valve closed fully.
Both vac switches are on.
Check for blockage in head of wand.

No pump pressure?

Bleed machine to rid pump of air.
Turn Pressure Control Valve anti clockwise slowly to fully open pumping system.
Slowly turn P.C.V. to right and watch pressure gauge for movement.
When P.C.V. fully open you should hear pump and motor both running smoothly.
Check Solution filter in fresh water tank maybe blocked.

Machine has no pressure but no water comes out of wand?

Make sure solution hose has properly clicked onto wand.
Make sure shut off valve is fully open (if fitted)
Check that all filters are clean.
Jets maybe blocked.

Dump valve won't close properly?

Dump valve needs to be cleaned monthly.

Dumping valve cleaning:

Undo the four nuts and bolts.
Pull front section away from body.
Pull body away from back section.
Two dump valve seals will be found in these sections, take these off and rinse clean, look for damage to seals.



Pull handle up on middle section, sand and grit will be found in bottom groove stopping the tongue from fully closing rinse thoroughly.

If seals are damaged either replace or turn damaged section to top of housing to extend their life.

Re-assemble dump valve.

Jets Blocked:

Undo caps, holding filters and jets.
Clean jet by tapping on a bench or trying to blow blockage out.



Do not use knives or sharp objects as this will damage jet face and spray patterns.

Filters Blocked:

Some wands have filters behind the jets and some are behind the coupler near the trigger.



Take these filters out and rinse clean under water regularly

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