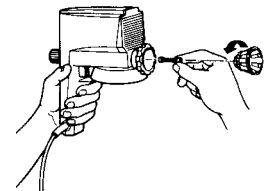
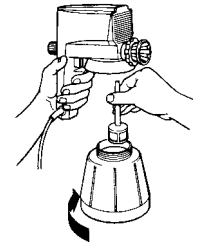


Clean the spray gun after every use. Proper cleaning and maintenance ensures the sprayer will continue to operate correctly every time.

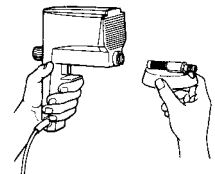
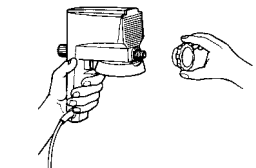
When the job is finished empty any unused paint from the container and clean it with the appropriate thinner. For water based paints warm soapy water is best.

1. Fill the container with appropriate thinner and spray through the gun for 20 seconds
2. Disconnect the sprayer from the power supply.
3. Remove the paint container and pull out the suction tube.
4. Unscrew the spray tip with guard and remove the swirl valve.
5. Unscrew the locking nut and pull the complete pump housing forward until it is free of the drive housing. Remove the piston and spring from the housing and separate them. Clean all parts thoroughly with the appropriate thinner.



Never immerse electrical parts of the sprayer in water or any other liquid.

6. Replace the spring on the piston, slide the piston back into the housing and ensure the spring fits onto the housing. Slide the complete housing assembly back into the drive housing. Turn the control knob all the way anti-clockwise to relieve some of the spring tension, then screw on the locking nut being careful not to damage the thread. Check the swirl valve for wear, if it is in good condition slide into the housing, or fit a new one if it is worn. Screw on the spray tip.
7. Plug in the sprayer, tip it upside down, and put a small amount of oil in the suction hole (front hole) and trigger the sprayer briefly. This will coat the piston and cylinder with oil and protect it from corrosion.
8. Refit the suction tube to the front port of the housing. Ensure the container is clean and dry, screw it to the sprayer. The sprayer is ready for storage until the next spray painting job.

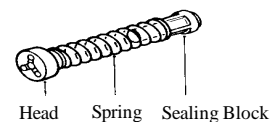


If the sprayer is not cleaned properly and oiled after use, it may seize with paint residue and corrosion. The warranty does not cover damage caused by improper cleaning or corrosion.

To assure trouble free service from the sprayer, always remember these simple steps.

1. Strain old paint before using.
2. Be sure paint suction tube is tightly inserted.
3. Thin paint properly
4. Use the correct swirl valve and spray tip for the paint.
5. Watch for wear of the swirl valve and spray tip.

swirl valve



Some paints are much more abrasive than others and will cause quicker wear of parts. Spray tips, swirl valves and pistons are wearing parts.

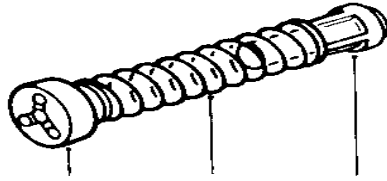
9. Spray tips - Water based paints are especially abrasive. If you notice that the paint is not atomising as well as it should and the sprayer starts spitting, the spray tip orifice has become too large and the spray tip should be replaced.
10. Swirl valve - After paint has been sprayed, the swirl valve may become worn. The paint may not atomise as well as it should and the sprayer may start spitting. When the valve is worn, the holes will be larger and the sealing block will be 'furred' or scratched. If the spray tip has been over-tightened the swirl valve head may be damaged.
11. Piston - The piston should be checked regularly for wear marks. Improper cleaning may cause scoring marks on the piston.

Improper cleaning and poor paint preparation can cause the piston to seize. Do not continue to press the trigger of the gun when a low humming is heard, as this will burn out the motor.

Dismantle the pump housing and carefully remove the piston. Soak the housing in solvent if the piston cannot be removed from the housing without force.

Clean all parts and reassemble, condition the paint if necessary.

## Swirl Valve Information



Head      Spring      Sealing Block

Swirl valves are a critical part of your spray gun and are subject to the most wear. Water based paints are abrasive and can wear a swirl valve very quickly. To tell if your swirl valve is worn, look at the sealing block – it should be clean and the edges not rounded or 'furred'.

A worn swirl valve can give the following problems:

- Poor atomization
- Spitting
- Irregular Spray

**A badly worn swirl valve will stop the gun from picking up paint**

**Swirl valves cannot be claimed under warranty**

**Ensure that you use the correct swirl valve for the type of paint you are spraying**

Swirl valves are colour coded for different uses and different model spray guns.

W140P	White	Water Based Paints	0209042 (pk of 3)
W140P	Black	Oil Based Paints	0209041 (pk of 3)
W180P	White	Water Based Paints	0209042 (pk of 3)
W180P	Black	Oil Based Paints	0209041 (pk of 3)
W180P Set	White	Water Based Paints	0209042 (pk of 3)
W180P Set	Black	Oil Based Paints	0209041 (pk of 3)
W400SE	White	Water Based Paints	0209042 (pk of 3)
W400SE	Black	Oil Based Paints	0209041 (pk of 3)

**If you have any further questions please do not hesitate to contact  
Wagner Customer Service on phone 1800 064 790**

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