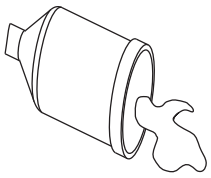
Maintenance

Ensure the air line is shut-off and drained of air before removing this tool for service. This will prevent the tool from operating if the throttle is accidentally engaged.

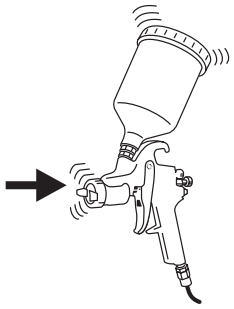
DAILY CLEAN UP

NOTE: Clean the spray gun immediately after use.

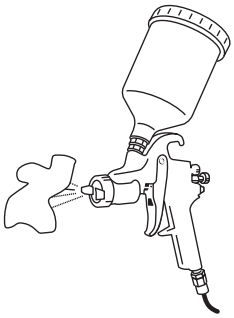
- □ Remove and empty the canister. Rinse with a solvent recommended for the paint or other material used. Refill the canister with clean solvent and attach to the gun. Spray the solvent through the gun while shaking the gun vigorously. Wipe the gun exterior with a solvent soaked rag. Repeat until the gun is clean.



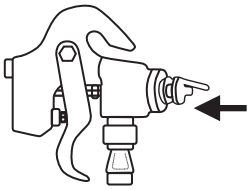
- □ Remove the air cap and soak in solvent until clean. Use a small brush for stubborn stains if necessary. Toothpicks or small brushes may be used to clean air passages. NEVER USE METAL OBJECTS TO CLEAN PRECISELY DRILLED PASSAGES. DAMAGED PASSAGES WILL CAUSE IMPROPER SPRAYING.



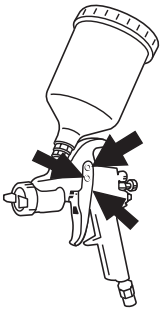
- □ Clean the gaskets with a solvent soaked rag. To prevent equipment damage, DO NOT IMMERSE THE GASKET OR SPRAY GUN BODY IN SOLVENTS.



- □ After using water to clean out water based paints or materials, spray mineral spirits through the gun to prevent corrosion.



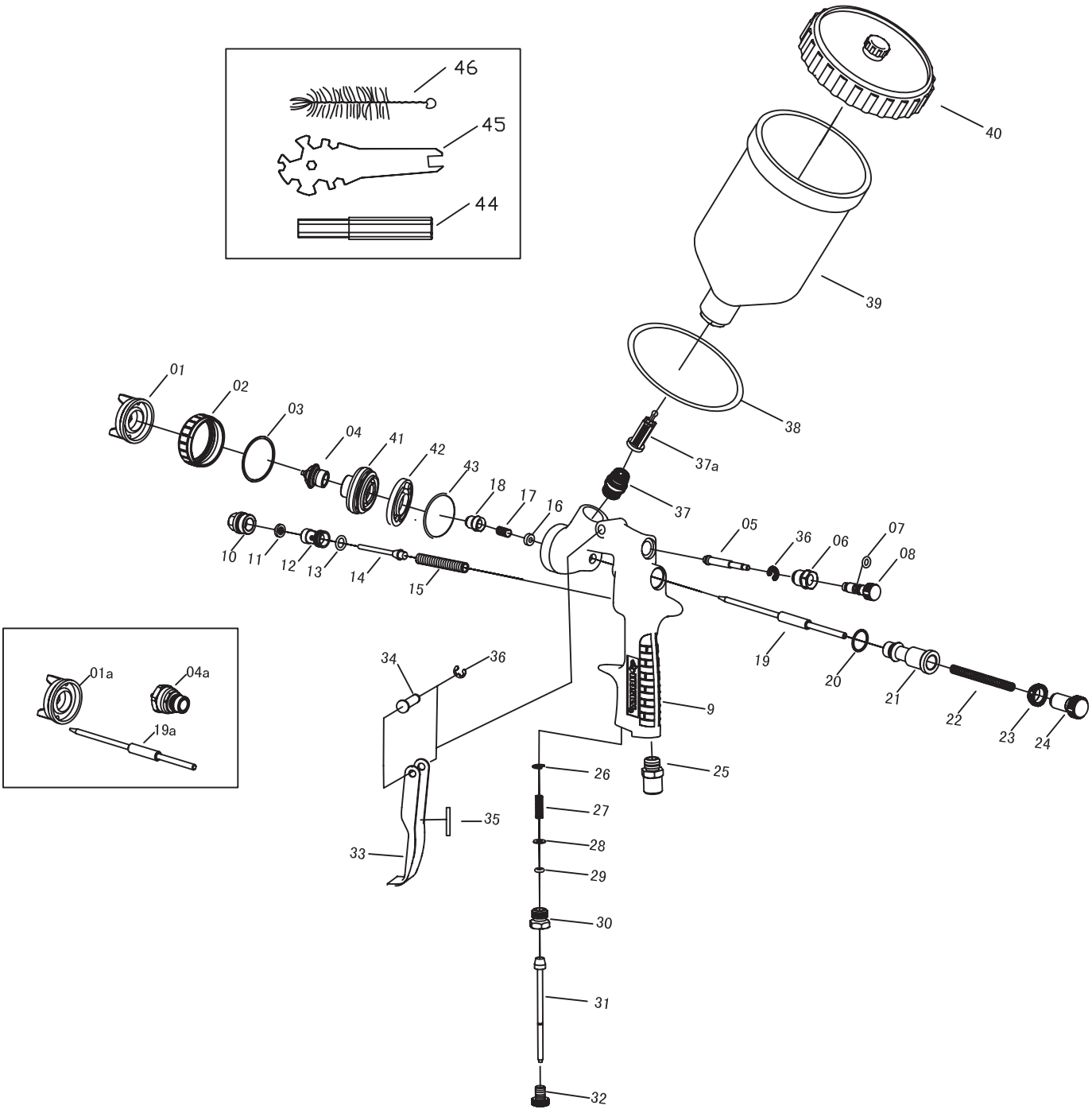
- □ Use a non-silicone oil on all moving parts when reassembling. Use Vaseline® or light grease on all threaded connections prior to storage.



Troubleshooting

Problem	Possible Cause	Solution
Heavy spray pattern to the left or right of the paint surface.	□ Holes in the left or right side of the air cap are plugged. □ Dirt on the left or right side of the fluid tip.	□ Use only non-metalic paint. □ Clean the air cap. □ Clean the fluid tip.
Heavy spray pattern to the top or bottom of the paint surface.	□ Dried material at the top or bottom of the fluid tip. □ The air cap is loose or the seat is dirty. □ The air cap is plugged.	□ Use only non-metalic paint. □ Clean the fluid tip. □ Clean and tighten the air cap.
Spray gun emits split spray pattern.	□ The fan pattern is open too far. □ The fluid control is turned too far. □ The atomization air adjustment is too high.	□ Partially close the pattern adjustment. □ Increase fluid using the fluid control knob. □ Reduce the atomization air pressure.
The spray gun emits split spray pattern.	□ The fan adjustment is partially closed. □ The paint material is too thick. □ Atomization pressure is too low.	□ Open the fan pattern adjustment. □ Thin paint material to proper viscosity. □ Increase the atomization pressure.
The spray gun emits sputtering spray pattern.	□ The material level is too low.	□ Refill the paint cup.
	□ The container is tipped too far.	□ Hold the spray gun upright.
	□ Loose fluid inlet connection.	□ Tighten the fluid cap.
	□ Loose or damaged fluid tip / seat.	□ Adjust or replace the fluid tip or seat.
	□ Dry or loose fluid needle packing nut.	□ Lubricate and tighten the fluid needle and packing nut.
	□ The air vent is clogged.	□ Clear the vent hole.
Air is leaking from the air cap without pulling the trigger.	□ The air valve stem is sticking.	□ Lubricate the valve stem.
	□ There is contaminate on the valve or seat.	□ Clean air valve or seat.
	□ The air valve or seat is worn or damaged.	□ Replace air valve or stem.
	□ The air valve spring is broken.	□ Replace air valve spring.
	□ Valve stem is bent.	□ Replace valve stem.
Fluid leaking from fluid tip of spray gun.	□ The packing nut is too tight.	□ Adjust the packing nut.
	□ The fluid tip is worn or damaged.	□ Replace the tip and / or needle.
	□ There is foreign matter on the tip.	□ Clean the fluid tip.
	□ The fluid needle spring is broken.	□ Replace fluid needle spring.
The spray gun emits excessive overspray.	□ The atomization pressure is set too high.	□ Reduce the atomization pressure.
	□ The spray gun is held too far away from the work surface.	□ Adjust to the proper distance.
	□ Improper stroking (arcing, gun motion too fast).	□ Move the spray gun at a moderate pace, parallel to the surface.
The spray gun will not spray.	□ There is no air pressure at the gun.	□ Check the air lines.
	□ The fluid control is not open enough.	□ Open fluid control.
	□ The material is too heavy.	□ Thin the material or change over to a pressure feed system.

Service Parts



Service Parts (continued)

Reference Number	Part Number	Description
1	9B9802-14	Air Cap 1.4 mm
1a	9B9802-18	Air Cap 1.8 mm
2	9H9801	Air Cap Ring
3	9W9801-2	Gasket
4	9B9803B1-14	Nozzle 1.4 mm
4a	9B9803B1-18	Nozzle 1.8 mm
5	9H98064	Pattern Control Needle
6	9H98063	Pattern Control Nut
7	9H98062	O-Ring
8	9H98065	Pattern Control Knob
9	9H9805	Gun Body
10	9W7131	Air Valve Copper Nut
11	9W7132	Air Valve Packing Ring
12	9W7133	Air Valve Bushing
13	9W7134	O-Ring
14	9W7114	Air Valve Needle
15	9W7115	Air Valve Spring
16	9H98042	Fluid Needle Packing
17	9W98043	Spring
18	9H98041	Fluid Needle Seat
19	9H9809B	Fluid Adj. Needle 1.4 mm
19a	9H9809C	Fluid Adj. Needle 1.8 mm
20	9H98081	Fluid Adj. Gasket
21	9H9808	Fluid Valve Bushing
22	9H9810	Fluid Adj. Spring

Reference Number	Part Number	Description
23	9H9811	Fluid Adj. Nut
24	9H9812	Fluid Adj. Knob
25	9W7117H	Air Inlet
26	9W71061	Retainer Ring
27	9W71283	Inlet Set Spring
28	9W71282	Washer
29	9W71062	O-Ring
30	9W71286H	Inlet Set Nut
31	9W71282H	Inlet Set Needle
32	9W71287	Inlet Set Knob
33	9H9819	Trigger Lever
34	9H9818	Trigger Pin
35	9H9819-1	Washer
36	9W98061	Retainer Ring (2)
37	9W9821	Paint Inlet Bushing
37a	9W98302-1	Filter
38	9H98301-1	Ornamental Ring
39	9H98301	Gravity Paint Cup
40	9H98305	Cup Lid
41	9B98031	Nozzle Bushing
42	9W98032	Brass Washer
43	9W9801-1	Gasket
44	9W98262	Socket Spanner
45	9B9826	Wrench
46	9W9827	Cleaning Brush