

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.

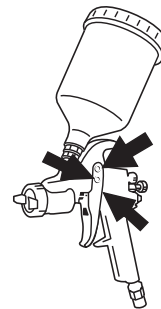
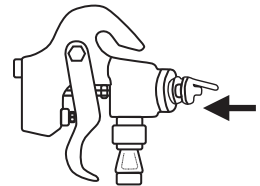
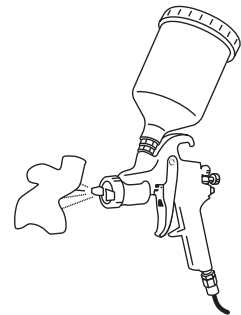
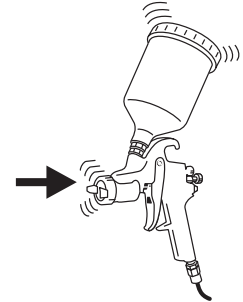
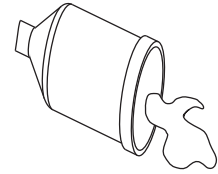
- Remove and empty the canister. Rinse with a solvent recommended for the paint or other material used. Refill the canister with clean solvent and attach to the gun. Spray the solvent through the gun while shaking the gun vigorously. Wipe the gun exterior with a solvent soaked rag. Repeat until the gun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

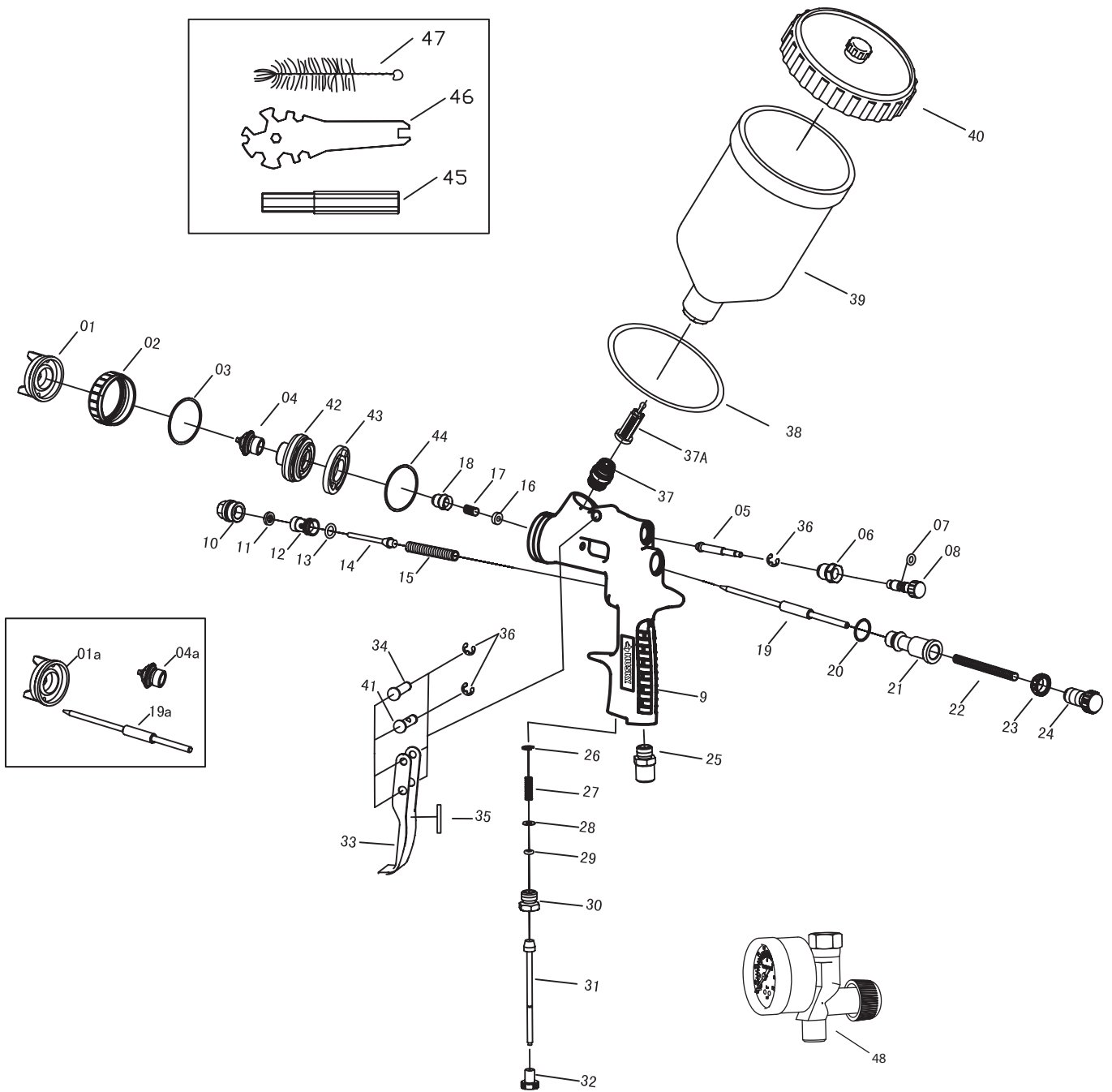
- Use a non-silicone oil on all moving parts when reassembling. Use Vaseline® or light grease on all threaded connections prior to storage.



Troubleshooting

Problem	Possible Cause	Solution
Heavy spray pattern to the left or right of the paint surface.	<ul style="list-style-type: none"> <input type="checkbox"/> Holes in the left or right side of the air cap are plugged. <input type="checkbox"/> Dirt on the left or right side of the fluid tip. 	<ul style="list-style-type: none"> <input type="checkbox"/> Use only non-metallic paint. <input type="checkbox"/> Clean the air cap. <input type="checkbox"/> Clean the fluid tip.
Heavy spray pattern to the top or bottom of the paint surface.	<ul style="list-style-type: none"> <input type="checkbox"/> Dried material at the top or bottom of the fluid tip. <input type="checkbox"/> The air cap is loose or the seat is dirty. <input type="checkbox"/> The air cap is plugged. 	<ul style="list-style-type: none"> <input type="checkbox"/> Use only non-metallic paint. <input type="checkbox"/> Clean the fluid tip. <input type="checkbox"/> Clean and tighten the air cap.
Spray gun emits split spray pattern.	<ul style="list-style-type: none"> <input type="checkbox"/> The fan pattern is open too far. <input type="checkbox"/> The fluid control is turned too far. <input type="checkbox"/> The atomization air adjustment is too high. 	<ul style="list-style-type: none"> <input type="checkbox"/> Partially close the pattern adjustment. <input type="checkbox"/> Increase fluid using the fluid control knob. <input type="checkbox"/> Reduce the atomization air pressure.
The spray gun emits split spray pattern.	<ul style="list-style-type: none"> <input type="checkbox"/> The fan adjustment is partially closed. <input type="checkbox"/> The paint material is too thick. <input type="checkbox"/> Atomization pressure is too low. 	<ul style="list-style-type: none"> <input type="checkbox"/> Open the fan pattern adjustment. <input type="checkbox"/> Thin paint material to proper viscosity. <input type="checkbox"/> Increase the atomization pressure.
The spray gun emits sputtering spray pattern.	<input type="checkbox"/> The material level is too low.	<input type="checkbox"/> Refill the paint cup.
	<input type="checkbox"/> The container is tipped too far.	<input type="checkbox"/> Hold the spray gun upright.
	<input type="checkbox"/> Loose fluid inlet connection.	<input type="checkbox"/> Tighten the fluid cap.
	<input type="checkbox"/> Loose or damaged fluid tip / seat.	<input type="checkbox"/> Adjust or replace the fluid tip or seat.
	<input type="checkbox"/> Dry or loose fluid needle packing nut.	<input type="checkbox"/> Lubricate and tighten the fluid needle and packing nut.
Air is leaking from the air cap without pulling the trigger.	<input type="checkbox"/> The air vent is clogged.	<input type="checkbox"/> Clear the vent hole.
	<input type="checkbox"/> The air valve stem is sticking.	<input type="checkbox"/> Lubricate the valve stem.
	<input type="checkbox"/> There is contaminate on the valve or seat.	<input type="checkbox"/> Clean air valve or seat.
	<input type="checkbox"/> The air valve or seat is worn or damaged.	<input type="checkbox"/> Replace air valve or stem.
	<input type="checkbox"/> The air valve spring is broken.	<input type="checkbox"/> Replace air valve spring.
Fluid leaking from fluid tip of spray gun.	<input type="checkbox"/> Valve stem is bent.	<input type="checkbox"/> Replace valve stem.
	<input type="checkbox"/> The packing nut is too tight.	<input type="checkbox"/> Adjust the packing nut.
	<input type="checkbox"/> The fluid tip is worn or damaged.	<input type="checkbox"/> Replace the tip and / or needle.
	<input type="checkbox"/> There is foreign matter on the tip.	<input type="checkbox"/> Clean the fluid tip.
The spray gun emits excessive overspray.	<input type="checkbox"/> The fluid needle spring is broken.	<input type="checkbox"/> Replace fluid needle spring.
	<input type="checkbox"/> The atomization pressure is set too high.	<input type="checkbox"/> Reduce the atomization pressure.
	<input type="checkbox"/> The spray gun is held too far away from the work surface.	<input type="checkbox"/> Adjust to the proper distance.
The spray gun will not spray.	<input type="checkbox"/> Improper stroking (arcing, gun motion too fast).	<input type="checkbox"/> Move the spray gun at a moderate pace, parallel to the surface.
	<input type="checkbox"/> There is no air pressure at the gun.	<input type="checkbox"/> Check the air lines.
	<input type="checkbox"/> The fluid control is not open enough.	<input type="checkbox"/> Open fluid control.
	<input type="checkbox"/> The material is too heavy.	<input type="checkbox"/> 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	9B9802-22	Air Cap 2.2 mm
2	9B9801	Air Cap Ring
3	9W9801-2	Gasket
4	9B9803B-14	Nozzle 1.4 mm
4a	9B9803B-22	Nozzle 2.2 mm
5	9H98064	Pattern Control Needle
6	9H98063	Pattern Control Nut
7	9H98062	O-Ring
8	9B98065	Pattern Control Knob
9	9B9805	Gun Body Assembly
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	9H9809D	Fluid Adj. Needle 2.2 mm
19a	9H9809C	Fluid Adj. Needle 1.8 mm
20	9H98081	Fluid Adj. Gasket
21	9H9808	Fluid Valve Bushing
22	9H9810	Fluid Adj. Spring
23	9H9811	Fluid Adj. Nut

Reference Number	Part Number	Description
24	9B9812	Fluid Adj. Knob
25	9W7117	Air Inlet
26	9W71061	Retainer Ring
27	9W71283	Inlet Set Spring
28	9W71282	Washer
29	9W71062	O-Ring
30	9W71286	Inlet Set Nut
31	9W71282H	Inlet Set Needle
32	9W71287B	Inlet Set Knob
33	9H9819	Trigger Lever
34	9H9818	Trigger Pin
35	9H9819-1	Washer
36	9W98061	Retainer Ring (3)
37	9W9821H	Paint Inlet Bushing
37a	9W98302-1	Filter
38	9H98301-1	Ornamental Ring
39	9H98301	Gravity Paint Cup
40	9H98305	Cup Lid
41	9B9822	Needle Pin
42	9B98031	Nozzle Bushing
43	9W98032	Brass Washer
44	9W9801-1	Gasket
45	9W98262	Socket Spanner
46	9W98262H	Wrench
47	9W9827	Cleaning Brush
48	99SGR-03	Regulator