

TROUBLE SHOOTING GUIDE AND INSTRUCTIONS

INOKRAFT

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YOU ALSO NEED TO KNOW

1. Please make sure you wear the following appropriate protective wear, including but not limited to:

Safety Goggles



Safety Earmuffs



Spray Mask or Respirator



Gloves (as recommended by the fluid and solvent manufacturer)



2

SPRAY TIP SELECTION

Spray Tip and Pressure Selection

Spray Tips come in a variety of sizes for spraying a wide range of materials. Your sprayer includes a 515 Spray Tip for use with most paints on large surfaces such as walls and ceilings.

If you are spraying stains or need a different spray fan width, refer to the Spray Tip chart below to select the best Spray Tip for your project. Additional Spray Tip sizes are available from InoKraft.

- 1
- What material are you spraying?
- The thicker the material, the larger Spray Tip Size you will need.
- 2
- What spray fan width is needed for your project?
- Narrow spray fan for smaller projects

• Wider spray fan for larger projects
- 3
- Confirm your sprayer can be used with your Spray Tip size.

2. Accessories and Maintenance Parts Available on amazon.com and other authorized distributors, including but not limited to:


Spray Gun




Tip Extensions




In-Gun Mesh Filter




Tip Guard



Spray Tips



Paint Hoses



3. InoKraft Support Team is always by your side! Don't hesitate to drop us an email at support@inokraft.com.

Also join the InoKraft Community for EXTENDED WARRANTY and FREE TRIALS OF NEW PRODUCTS AND ACCESSORIES by sending “I’m a kraftsman” to support@inokraft.com!

Tip Number Calculation:

- The first digit is half of the fan width (#5 x 2 = 10 inch fan width).

• The last two digits are the size of the tip opening in thousandths of an inch.



1 Material	2 Fan Width					3 Sprayer Compatibility Each Sprayer Supports a Maximum Spray Tip Size
	4 in Fan Width	6 in Fan Width	8 in Fan Width	10 in Fan Width	11 in Fan Width	
Stain and Sealer	209	309				MaXpray M1, MaXpray M3 Plus
	211	311	411			MaXpray M1, MaXpray M3 Plus
Semi Transparent Stain	211	311	411			MaXpray M1, MaXpray M3 Plus
		313	413			MaXpray M1, MaXpray M3 Plus
Solid Stain	211	311	411			MaXpray M1, MaXpray M3 Plus
		313	413			MaXpray M1, MaXpray M3 Plus
Interior Paint/Primer		315	415			MaXpray M1, MaXpray M3 Plus
			417	517		MaXpray M1, MaXpray M3 Plus
Exterior Paint/Primer			415	515		MaXpray M1, MaXpray M3 Plus
			417	517		MaXpray M1, MaXpray M3 Plus

- As you continue to spray, the spray tip will inevitably experience some wear and tear, causing the hole size to increase. Starting with a Spray Tip hole size smaller than the maximum will allow you to spray longer within the compatibility of the sprayer.

• Please be aware that spray tips do wear with use and require periodic replacement to maintain consistent spray patterns and avoid clogs.

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TROUBLE SHOOTING

What’s the current situation?
Please find yours in the below possible problems.

A	The motor is not running. / The sprayer does not start.
B	Sprayer runs, but it does not draw material or loses pressure while in use (the PRIME/SPRAY knob is set to PRIME.)
C	The sprayer draws up material but can not achieve good spray pattern.
D	The spray gun stopped spraying while trigger is pulled.
E	When paint is sprayed, it runs down the wall or sags.
F	When paint is sprayed, coverage is inadequate.
G	Fan pattern varies dramatically while spraying.
H	Paint is coming out of pressure control switch.
I	Paint is leaking through Drain Tube.
J	Paint leaks down outside of pump.
K	Paint is leaking down through the spray gun joint.
L	The spray tip assembly leaks

PROBLEM A

The motor is not running. / The sprayer does not start.

Potential Causes	Solution
1. Sprayer is not plugged in or NO/OFF switch is set to OFF.	Make sure sprayer is plugged in, and ON/OFF switch is on.
2. Pressure control is set at zero pressure.	Turn pressure control knob clockwise to increase pressure setting.
3. Electric outlet is not providing power.	Test outlet with known working device. Reset circuit breaker or replace fuse. Find working outlet. Reset building circuit breaker or replace fuse.
4. Extension cord is damaged.	Replace extension cord.
5. Sprayer electric cord is damaged.	Check for broken insulation or wires. Replace electric cord if damaged.
6.Pump is seized (Paint has hardened in pump Or water is frozen in the pump)	Turn ON/OFF switch off and unplug sprayer from outlet. If frozen, do NOT try to start sprayer until it is completely thawed or it may damage the motor, control board and/or drive train. Place sprayer in warm area for several hours. Check for free moving pump by removing shroud and spinning fan. If not frozen, check for hardened paint in pump. If paint has hardened in pump, push the PUSH-START Valve.
7.Motor or control is damaged.	Turn to InoKraft customer support.

PROBLEM B
Sprayer runs, but it does not draw material or loses pressure while in use (the PRIME/SPRAY knob is set to PRIME.)

Potential Causes	Solution
1. Inlet screen is clogged or Suction Tube is not completely immersed in paint.	Clean debris off inlet screen and make sure Suction Tube is completely immersed in paint.
2. Inlet or outlet valve ball is stuck or dirty.	Press PUSH-START Valve twice to loosen inlet valve and reprime sprayer.
3. Suction Tube is leaking.	Inspect Suction Tube connection for cracks or vacuum leaks.
4. Debris in paint causing obstruction.	Strain the paint. See Strain the Paint. (User Manual Page 14)
5.Prime/Spray Valve is worn or obstructed with debris.	Turn to InoKraft customer support.

PROBLEM C
The sprayer draws up material but can not achieve good spray pattern.

Potential Causes	Solution
1. Spray Tip may be partially clogged.	See Clear Spray Tip Clog (User Manual Page 14)
2. Reversible Spray Tip is in UNCLOG position.	Rotate arrow-shaped handle on Spray Tip so it points forward to SPRAY position.
3. Debris in paint causing obstruction.	Strain the paint.
4. Pressure is set too low.	Align pressure control knob setting indicator to desired spray setting.
5. Spray gun filter is clogged.	Clean or replace gun filter.
6. Spray Tip selected is too large for capability of sprayer.	Replace Spray Tip. See Spray Tip Selction (User Manual Page 20)
7. Spray Tip is worn beyond the capability of sprayer.	Replace Spray Tip. See Spray Tip Selction (User Manual Page 20)
8. Spray Tip gasket and seal worn or missing.	Replace Spray Tip. See Spray Tip Selction (User Manual Page 20)
9. Inlet screen is clogged or Suction Tube is not immersed in paint.	Clean debris off inlet screen and make sure Suction Tube is immersed in paint.
10. Extension cord is too long or not heavy enough gauge.	Replace extension cord.
11. Inlet valve or outlet valve is worn or clogged with debris.	<div>Check for worn or contaminated inlet valve or outlet valve.</div> <div><ul style="list-style-type: none">• Prime sprayer with paint• Trigger gun momentarily• When trigger is released, pump should cycle momentarily and stop• If pump continues to cycle, pump valves may be worn or contaminated with debris• See Storage/Priming Tool.</div>

PROBLEM D
The spray gun stopped spraying while trigger is pulled.

Potential Causes	Solution
1. Spray Tip is clogged.	See Clear Spray Tip Clog (User Manual Page 19)
2. Sprayer lost prime.	Re-prime sprayer. See Fill Pump (Prime Pump) (User Manual Page 14)

PROBLEM E
When paint is sprayed, it runs down the wall or sags.

Potential Causes	Solution
Material is going on too thick.	Move gun faster.
	Choose a Spray Tip with smaller hole size.
	Choose Spray Tip with wider fan.
	Make sure gun is far enough from surface.

PROBLEM F
When paint is sprayed, coverage is inadequate.

Potential Causes	Solution
Material is going on too thin.	Move gun slower.
	Choose Spray Tip with larger hole size.
	Choose Spray Tip with narrower fan.
	Make sure gun is close enough to surface.

PROBLEM G
Fan pattern varies dramatically while spraying.

Potential Causes	Solution
Pressure control switch is worn and causing excessive pressure variation.	Turn to InoKraft customer support.

PROBLEM H
Paint is coming out of Pressure Control Knob.

Potential Causes	Solution
Pressure control switch is worn.	Turn to InoKraft customer support.

PROBLEM I
Paint is leaking through Drain Tube.

Potential Causes	Solution
Sprayer is over pressurizing.	Turn to InoKraft customer support.

PROBLEM J
Paint leaks down outside of sprayer case.

Potential Causes	Solution
Pump is worn.	Turn to InoKraft customer support.

PROBLEM K
Paint is leaking down through the spray gun joint.

Potential Causes	Solution
1. Gun filter housing is loose.	Use the wrench set to tighten handle joint.
2. Internal parts of spray gun are worn or dirty.	Turn to InoKraft customer support.

PROBLEM L
The spray tip assembly leaks.

Potential Causes	Solution
1. The spray tip was assembled incorrectly.	Check tip assembly and assemble properly. See Spray Tip Installation (User Manual Page 11)
2. The gasket or seal in the spray tip assembly is worn/missing.	Replace gasket or seal.



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