TROUBLE SHOOTING GUIDE AND INSTRUCTIONS

INOKRAFT

1 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. 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!

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.

❶ What material are you spraying?
- The thicker the material, the larger Spray Tip Size you will need.

❷ What spray fan width is needed for your project?
- Narrow spray fan for smaller projects
- Wider spray fan for larger projects

❸ Confirm your sprayer can be used with your Spray Tip size.

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.

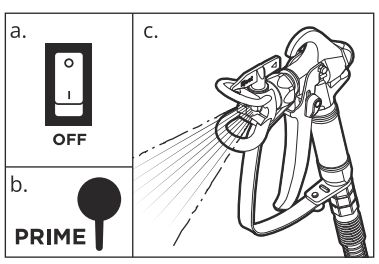


❶ Material	❷ Fan Width					Sprayer Compatibility Each Sprayer Supports a Maximum Spray Tip Size ❸
	4 in Fan Width	6 in Fan Width	8 in Fan Width	10 in Fan Width	11 in Fan Width	
Stain and Sealer	209	309				MaXpray M1, MaXpray M3 Plus
	211	311	411			MaXpray M1, MaXpray M3 Plus
Semi Transparent Stain	211	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.

3 TROUBLE SHOOTING

1. Follow Pressure Relief Procedure, before checking or repairing.



a. Make sure the Power is **OFF**

b. Turn the Prime/Spray Valve to the **PRIME** position.

c. **Disengage** the Gun Trigger Lock and **trigger** the gun to relieve pressure.

2. Please try each solution in the provided order. If the first one doesn't work, move on to the next one.

3. We kindly encourage you to go through this Trouble Shooting Guide to check if it can help resolve your issue before reaching out to InoKraft customer support.

support@inokraft.com

What’s the current problem?

A	Why isn't my sprayer running?
B	When set to PRIME mode, the sprayer runs, but the pump does not pull paint into the Suction Tube or build pressure. (Sprayer runs, but pump does not prime or loses prime while in use.)
C	The sprayer runs, but the paint is barely dribbling out or sometimes it spurts or has a bad spray pattern when you squeeze the trigger. (Pump is primed, but can not achieve a good spray pattern.)
D	When spraying, the sprayer suddenly stops.
E	Sprayer is leaking.
F	When paint is sprayed, it runs down the wall or sags.
G	When paint is sprayed, coverage is inadequate.
H	Fan pattern varies dramatically while spraying.
I	The motor is hot and runs intermittently. The motor automatically shuts off due to excessive heat. Damage can occur if the cause is not corrected.

PROBLEM A

Why isn't my sprayer running?

NOTE: The motor does not start immediately when switched on.

Instruction video for Problem A

Potential Causes	Solution
1. Pressure control is set at zero pressure.	Turn pressure control knob clockwise to increase pressure setting. Mind that the motor will stop when it reaches the target pressure, but it will resume when the trigger is pulled.
2. 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.
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

When set to PRIME mode, the sprayer runs, but the pump does not pull paint into the Suction Tube or build pressure.

(Sprayer runs, but pump does not prime or loses prime while in use.)

Instruction video for Problem B

Potential Causes	Solution
1. Prime/Spray Valve is in SPRAY position.	Turn Prime/Spray Valve down to PRIME position until paint exits Drain Tube.
2. Inlet screen is clogged with dried paint or debris.	Clean the dried paint or debris off inlet screen with the cleaning kit.
3. Suction Tube is not completely immersed in paint.	Make sure the suction tube is completely immersed in paint.
4. Inlet or outlet valve ball is stuck or dirty.	Press PUSH-START Valve twice to loosen inlet ball and reprime sprayer.
	Remove Suction Tube and insert thin object (e.g. the eraser end of the pencil) into the inlet to loosen the inlet ball and reprime sprayer.
	Clean the pump (See User Manual Page 21 - Cleanup with a Garden Hose) Then remove the Flush-Ease Valve, reattach the strainer to Suction Tube and reprime sprayer.
	Turn Prime/Spray Valve down to PRIME position. Toggle the power on and off every 3 seconds until fluid exits Drain Tube.
5. Suction Tube is leaking.	Inspect Suction Tube connection for cracks or vacuum leaks.
6. Debris in paint causing obstruction.	Strain the paint. See ***Strain the Paint***. (User Manual Page 14)
* If the above solutions do not work, please check out the video for more solutions.	
7. Prime/Spray Valve is worn orobstructed with debris.	Turn to InoKraft Customer Support.

PROBLEM C

The sprayer runs, but the paint is barely dribbling out or sometimes it spurts or has a bad spray pattern when you squeeze the trigger.

(Pump is primed, but can not achieve a good spray pattern.)

Instruction video for Problem C

Potential Causes	Solution
1. Pressure is set too low.	Turn pressure control knob clockwise to increase pressure setting until reaches desired spray setting.
2. Spray Tip may be partially clogged.	See ***Clear Spray Tip Clog*** (User Manual Page 19) .
3. Reversible Spray Tip is in UNCLOG position.	Rotate arrow-shaped handle on Spray Tip so it points forward to SPRAY position.
4. Debris in paint causing obstruction.	Clear the spray tip clog first. Consider stirring or straining the paint before resuming spraying. See ***Strain the Paint*** (User Manual Page 14).
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 Selection*** (Previous Page)
7. Spray Tip is worn beyond thecapability of sprayer.	Replace Spray Tip. See ***Spray Tip Selection*** (Previous Page)
8. Spray Tip gasket and seal worn or missing.	Replace Spray Tip. See ***Spray Tip Selection*** (Previous Page)
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.	Check for worn or contaminated inlet valve or outlet valve. • 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"
12. Material is too thick.	Maximum compatible tip size for InoKraft MaXpray is 0.017”. For optimal outcomes with specific paints, please refer to the paint's label or guidance from the paint manufacturer.
13. Airless hose is too long (if extra section was added).	Remove extra section.

PROBLEM D

When spraying, the sprayer suddenly stops.

NOTE: The motor will stop when it reaches the target pressure, but it will resume when the trigger is pulled.

Instruction video for Problem D

Potential Causes	Solution
1. Spray tip may be clogged.	See ***Clear Tip Clog*** (User Manual Page 19).
2. Debris in paint causes obstruction.	Stir or strain the paint before resuming spraying. See ***Strain the Paint*** (User Manual Page 14).
3. Sprayer lost prime.	Re-prime sprayer. See ***Fill Pump (Prime Pump)*** (User Manual page 14)

PROBLEM E

Sprayer is leaking.

Instruction video for Problem E

Leakage Points	Potential causes	Solution
1. Hose Joints/Spray Gun Joints/Tip Extension Joints	Connections are not tightened correctly.	Use two big wrenches to fully tighten the connection.
	Internal parts of the hose/spray gun/tip extension are worn or dirty.	Turn to InoKraft customer support.
2. Between Spray Tip and Guard	The spray tip was assembled incorrectly.	Check tip assembly and assemble properly. See ***Spray Tip Installation*** (User Manual page 11)
	Spray Tip or Seal is worn out/missing.	Replace Spray Tip and Seal. See ***Spray Tip Selection*** (Previous Page)
3. Pressure Control Knob	Pressure Control Switch is worn.	Turn to InoKraft Customer Support.
4. Through Drain Tube	Sprayer is over-pressurizing.	Turn to InoKraft Customer Support.
5. Outside sprayer case	Pump is likely to be worn.	Turn to InoKraft Customer Support.

PROBLEM F

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

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

PROBLEM G

When paint is sprayed,coverage is inadequate.

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

PROBLEM H

Fan pattern varies dramatically while spraying.

Potential Causes	Solution
1. Pressure Control Switch is worn causing excessive pressure variation.	Turn to InoKraft Customer Support.

PROBLEM I

The motor is hot and runs intermittently. The motor automatically shuts off due to excessive heat. Damage can occur if the cause is not corrected.

Potential Causes	Solution
1. Vent holes in enclosure are plugged or sprayer is covered.	Keep vent holes clear of obstructions and overspray and keep sprayer open to air.
2. Extension cord is too long or not of a heavy enough gauge.	Replace the extension cord.
3. Unregulated electrical generator being used has excessive voltage.	Use electrical generator with a proper voltage regulator.
4. Motor needs to be replaced	Turn to InoKraft Customer Support.