

FUSION MP TROUBLESHOOTING

Troubleshooting

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1. Follow **Pressure Relief Procedure**, page 18, before checking or repairing gun.
2. Check all possible problems and causes before disassembling gun.

CAUTION

To prevent cross-contamination of the gun's wetted parts, do not interchange A component (isocyanate) and B component (resin) parts.

PROBLEM	CAUSE	SOLUTION
Gun does not fully actuate when triggered.	Piston safety lock engaged.	Disengage piston safety lock, page 12.
	Plugged muffler (22).	Clean, page 22.
	Damaged air valve o-rings (24).	Replace, page 44.
Fluid does not spray when gun is fully actuated.	Closed fluid valves (12b).	Open.
	Plugged impingement ports.	Clean, page 23.
	Plugged check valves (36).	Clean, page 41.
Gun actuates slowly or with delayed action. Mixed material spits out end of gun after de-triggering.	Plugged muffler (22).	Clean, page 22.
	Damaged piston o-rings (16, 19).	Replace, page 42.
	Dirty air valve, or damaged o-rings (24).	Clean air valve or replace o-rings, page 44.
	Mix module nut (25) too tight.	Loosen nut, then retighten, page 37.
	Incorrect purge rod adjustment.	Adjust Purge Rod , page 15.
	Loose lock ring (11).	Tighten, use tool if necessary. Adjust Purge Rod , page 15.
Purge rod will not actuate.	No air pressure.	Connect air supply.
	Low air pressure.	Set air pressure above 80 psi (0.56 MPa, 5.6 bar).
	Buildup on purge rod (31).	See Clean Purge Rod , page 27.

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Loss of round pattern.	Dirty CeramTip (40).	Clean, page 26.
	Too little cleanoff air.	Readjust, page 13.
Loss of flat pattern.	Plugged CeramTip (40).	Clean in compatible solvent.
	Worn CeramTip (40).	Replace, page 34.
Pressure imbalance.	Plugged impingement ports.	Clean, page 23. Reinstall mix module, page 38.
	Plugged check valves (36).	Clean, page 41.
	Viscosities not equal.	Adjust temperature to compensate.
Fluid mist from CeramTip.	Worn mix module (39).	Replace, page 38.
	Worn front rod seal (46).	Replace, page 40.
Excessive overspray.	Too much cleanoff air.	Reduce, page 13.
Rapid buildup of material on air cap.	Too little cleanoff air.	Increase, page 13.
Fluid does not shut off when fluid valves are closed.	Damaged fluid valves (12b).	Replace.
Reduced cleanoff air.	Plugged air passage.	Open.
Air leakage around fluid housing.	Damaged or missing o-ring (20).	Replace.
Air leakage from piston safety lock.	Damaged or missing o-rings (18).	Replace, page 42.
Burst of air from muffler when gun is triggered.	Normal.	No action required.
Steady air leakage from muffler.	Damaged air valve o-rings (24)	Replace, page 44.
	Damaged piston o-rings (16, 19).	Replace, page 42.
Air leakage from front air valve.	Damaged air valve o-rings (24).	Replace, page 44.
Component B (resin) leak from fluid housing.	Worn rear rod seal.	Adjust Rear Rod Seal , page 29.