

SAFETY FIRST

When servicing an airless paint sprayer, the following safety practices should be followed:



Release all of the pressure in the system before servicing the sprayer. Follow the pressure relief procedure in the manual.



Use a Ground Fault Interrupter (GFI) for the initial testing on electric sprayers to avoid a potential shock hazard.



Always use a high pressure gauge with an airless gun and 50' of airless hose to qualify the pressure. Make sure all airless hoses and spray guns are rated at or above the maximum operating pressure range of the airless sprayer.



POSSIBLE INJECTION HAZARD. Check the system for leaks. Do not spray without the tip guard in place. Never trigger the gun unless the tip is in either the spray or unclog position. Always engage the gun trigger lock before removing, replacing, or cleaning tip.



If testing the sprayer or flushing out the system with a flammable material, ground the gun by holding it against the edge of a metal container while flushing. Failure to do so may lead to a static electric discharge, which may cause a fire.

SPRAYER CHECKLIST

Before returning a sprayer to the contractor:

- ✓ Check if the plug ground lug or grounding cable has been removed. Replace if missing or removed.
- ✓ Check the spray hose for abrasion. Replace if damaged.
- ✓ Check that the trigger lock on the airless gun is functioning properly. Replace if damaged or missing.
- ✓ Check if the tip guard has been damaged or removed. Replace if damaged or missing.
- ✓ Check the manifold filter, gun filter and inlet screen. Clean or replace as needed.
- ✓ Check the return line / prime hose for a clog at the end of the hose.
- ✓ Check the maximum stall pressure. Most sprayers will shut off at 3000 to 3300 PSI; models will vary.
- ✓ Check the working pressure. It should maintain constant pressure with the gun trigger pulled, using a 517 tip, for at least 30 seconds. Most latex paints need to have 2300 to 2500 PSI for a good spray pattern.
- ✓ Pump mineral spirits through the entire system to preserve the pump.
- ✓ Tag the sprayer as ready for pick up.

Refer to the specific sprayers owner's manual for a complete list of safety warnings and operation instructions.

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