

P: Retaining ring (#16828-01) keeps coming off of the piston shaft.

S: Make sure air is regulated to between 90 and 100psi. Remove and inspect the piston shaft (#16804-00) for damage and replace if bent or grooves are damaged.

P: The clip ring (#16828-01) on the Probler gun air piston broke.

S: Check air pressure to gun. Too much air pressure (over 100psi) can break the clip ring. Regulate gun pressure to between 90 and 100psi. If the mixing chamber nozzle was pushed forcefully towards the gun body, due to dropping the gun or forcing the gun to trigger, it can break the clip ring.

P: Gun has adequate air supply but will not trigger.

S: Gun needs to be taken apart and properly cleaned (take special note of all air passages). *Do not, under any circumstances, force chamber back into gun to "break it free". This will result in costly damage to the gun and is the result of poor maintenance or improper shutdown procedure.

P: Air is leaking around the side block and gun head.

S: Inspect the side blocks and front housing of the gun for material build up and clean as needed.

P: Air is leaking from between the gun body and front housing.

S: Inspect the o-ring between these two parts and replace as needed.

P: Air is leaking from the trigger button.

S: Replace front trigger piston o-ring.

P: Air is leaking from bottom of gun handle.

S: Replace middle o-ring on trigger piston. Check trigger nut adjustment, if it is out too far, adjust in until leaking stops.

P: Air is leaking from the trigger retaining nut.

S: Replace the rear o-ring on the trigger piston.

P: The ball valves on the gun seem to be loose and possibly leaking.

S: Tighten valve packings by removing valve handles. This will expose the ball valve packing flats and these can be tightened with a wrench. Do not tighten more than snug or damage may occur to the valve packings.

P: Round spray appears to have a knuckle in it instead of a smooth oval pattern.

S: Clean and inspect filters on gun. Clean and inspect the side block assemblies. Using the

drill bits provided with the gun, clean the snout and side ports on the mixing chamber. If using a Probler 2 gun, make sure to clean the mixing chamber insert with proper drill bit.

P: There is a build up of material on the mixing chamber.

S: Using a new razor blade, shave the mixing chamber surface taking care not to score or scratch the surface. Using 1600 grit or finer sand paper and lightweight honing oil, hone the sides of the mixing chamber until they are smooth and shiny.

P: There is a misting of material from the front of the gun.

S: Make sure side block seals are clean and tight against the mixing chamber. Make sure mixing chamber is clean and smooth; if needed, hone mixing chamber using a lightweight oil and fine grit (1600 grit or finer) sand paper. Check alignment of mixing chamber using the seal housings to line up the side ports of the chamber (holes should be positioned far enough ahead of the seal housings as to not be visible)

P: Which spray tips are recommended for applying foam insulation?

S: Flat spray tips come in many sizes and while one tip may work well for one application, it may not work well for all applications. Ultimately it is up to personal preference as to which tip is the best for the job at hand. The LPA2-147-xxxx tungsten carbide flat spray tips are numbered according to two specifications: 1st is the orifice size of the tip and 2nd is the width of pattern given. Example; LPA2-147-5250 has a .052 orifice size with a 50° width of fan pattern.

For foam applications, a .043 or .052 orifice size is usually about the best output. Width would be dependent upon area of coverage.

P: Is a different mixing chamber needed for going from round to flat spray?

S: If you are using a Probler gun, yes you will need a different mixing chamber to accommodate flat spray. Part # PG-10-xx (xx being the desired mixing chamber size) is the flat spray conversion assembly and uses the LPA2-147-xxxx tips (spray tip must be ordered separately).

S: If you are using a P2 gun; no you will not need a different mixing chamber. Just order part # 23976-00 for the flat spray kit that will use the LPA2-147-xxxx tip (spray tip must be ordered separately).

P: Indy gun seems to be leaking catalyst from the needle assembly.

S: Remove the needle assembly and inspect the 13076-08 o-ring located at the bottom of the seat retainer and the 13076-06 o-ring located in the top of the seat retainer. Replace as needed. (Note: the CJ-137 o-ring has been replaced with the 13076-08 o-ring)

P: Resin is leaking from nozzle of gun.

S: Inspect and clean the material needle and replace worn or broken parts. If needle is bent, it must be replaced. If needed, adjust packing nut on resin needle valve so it will engage and disengage properly (resin needle should barely lead the catalyst needle when it engages).

P: Get un-atomized catalyst when the trigger is pulled.

S: Inspect D-126 piston seat for wear, replace if needed. Inspect D-124 spring for tension and replace if needed. Inspect catalyst line for cracks, breaks, proper length of inner liner and replace if needed. Inspect the auto catalyst valve for proper set against the LPA-106 fluid nozzle.

P: Catalyst is leaking from nozzle of gun.

S: Inspect and clean the catalyst needle valve. If needed, adjust packing nut on catalyst needle valve so that it engages and disengages properly (resin needle assembly should barely lead the catalyst needle when it engages).

P: Material is coming out of AAC holes.

S: Inspect spray tip spacer for proper seating and clean or replace as needed. Inspect o-ring on LPA2-211 fluid nozzle for breaks and replace if needed. Inspect LPA2-213 for proper tightness and clean and lubricate as needed. *Never use tools to tighten retaining cap as damage may occur.

P: Material is leaking around the back of the needle valves.

S: Inspect packing nut adjustment on back of needle assembly. Inspect coil spring for wear or damage and replace as needed. Inspect needle for bent shaft or excessive build up that may cause premature wear and replace as needed.

P: Material spray continues after trigger is released.

S: Inspect and clean needle and seat, if needle is bent or seat is worn, replace. Inspect packing nut on needle assembly and adjust if it is too tight. Check needle pull and adjust collets on back of needle if needed.

P: Resin spray is a stream from the gun.

S: Check air pressure for material and increase if needed. Check temperature of material and warm material if possible to lower the viscosity. Inspect all filters, hoses and gun for material restriction.