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TECH TIPS

MISTAKES TO AVOID WHEN USING PAINT GUNS

Wrong Tools

Often the wrong tools are used for cleaning nozzle components such as paper clips or wire brushes. In so doing, the spray pattern is adversely affected and optimum results can only be achieved by purchasing a new nozzle set. For a careful, thorough cleaning of the air cap and fluid tip we recommend using the SATA Cleaning Kit (Order No. 64030) for long-term satisfaction of your spray gun.

Forcible Disassembly of Nozzle Components

Using unsuitable tools often damages the front and back sealing surfaces of the fluid tip. To ensure sealing the fluid tip, only the special tool included in the delivery contents should be used to loosen or tighten it.

Cleaning in Dirty Thinner

Spray guns are often “soaked” in thinner. However by doing that the air and fluid passages become clogged with paint residue. The resulting residue grows little by little until the air passages become plugged. The spray quality of the gun becomes compromised and must be repaired or replaced for a significant sum of money. With modern gun washers the passages are continually blown out. When cleaning the spray gun by hand, take care that no paint residue or particles reach the inside of the gun through the air inlet or the fluid tip threads.

Contaminated Compressed Air

Dirt in the air supply from water, dust or oil often leads to expensive refinish work and unsatisfied customers. The best possible clean air is essential for achieving the best possible paintwork.

Faulty Nozzle Components

A working nozzle set is the decisive factor for an optimum spray pattern. Mixing different nozzle components leads to degradation of the spray pattern with unsatisfactory results.

Wrong Pressure Setting

Users sometimes forget that pressure decreases depend on the inside diameter and length of compressed air hoses. So with a ¼ inch inside diameter 35-foot hose only 22 psi of the required 43 psi adjusted at the filter arrives at the spray gun. Therefore, it is important that air pressure is measured at the spray gun air inlet.