

SERVICE INSTRUCTION

79847 Atomization Air Compensation Valve (Vector Solo 79900)

The Vector Solo 79900 series applicators have two options for atomization air control. The first option comes installed in the applicator when shipped from the factory. This is 79847-01 Plug for the atomization air port. This plug should be hand-tightened into the port. The 79847-01 is depicted in Figure 1.

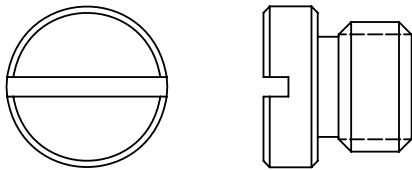


Figure 1: 79847-01 Factory Installed Atomization Port Plug

The second option for atomization air control is packaged with the 79900 Applicator Assembly when shipped from the factory. This is 79847-00 Compensation Valve for the atomization air. The 79847-00 is depicted in Figure 2.

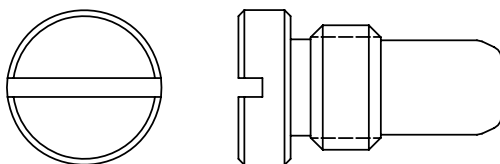


Figure 2: 79847-00 Atomization Air Compensation Valve

Using the 79847-00 Atomization Air Compensation Valve allows the user to adjust the atomization air 3 psi per turn, maximum 3 turns from flush position. The use of 74035-27 65V Air Cap Test Kit is recommended to determine the fan and atomization air pressure in the applicator. Adjusting these pressures is necessary for optimal spray performance.

To adjust the 79847-00, use a flat-head screwdriver to screw the valve in (decreasing the atomization air pressure) or out (increasing the atomization air pressure).

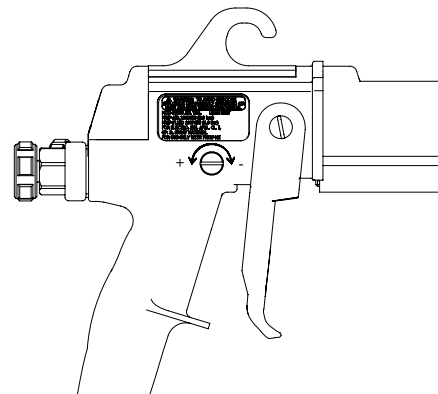


Figure 3: 79847-00 Installed in the 79900 Vector Solo Applicator

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