

The LPH400-LVB is designed for obtaining an improved control on refinish paints that contain fine metallic that standard set-ups face difficulties such as mottling, blotching, streaking, floating, etc. Due to the specific characteristics of these refinish paints we would like to offer a couple of recommendations to the automotive refinish professional who uses the LPH400-LVB set-up.

The following are ANEST IWATA's recommendation after extensive tests with major refinish products.

1. Connect air hose to the gun inlet. Make sure (5) Air Adjusting Valve on the gun handle is fully open.
2. Use a spray gun inlet Air Flow Control valve, such as ANEST IWATA's 8005A or 8018 and adjust inlet air pressure at 10 psi or lower. Always pull the trigger fully when you measure the inlet air pressure.  
**DO NOT EXCEED HIGHER THAN 14 PSI AT THE GUN INLET.**  
The LVB set-up is designed to perform better at a lower inlet pressure range of 6 psi to 10 psi.
3. Set (2) Pattern Adjusting valve and (3) Fluid Adjusting knob fully open and spray at a distance of 4 to 6 inches.
  - a. Spray with lower pressure to prevent a center split pattern. The LVB set-up breaks up most basecoat products well at 8 psi inlet pressure.
  - b. Always spray at 80% to full pattern width. We do not recommend narrowing pattern width as it may cause striping when overlapping.
4. The LVB set-up produces a very wide pattern and is designed to offer 10-12 inches pattern width when sprayed at a 4 inch distance.
  - a. To reduce the pattern width, adjust the (3) Fluid Adjusting knob to reduce material output and spray at closer distance.
5. Keep the spray pattern perpendicular to the panel and maintain the recommended spray distance from the panel throughout the stroke.
6. A <sup>75% 85%</sup>~~50% to 75%~~ spray overlapping is recommended.



**IMPORTANT**

Be sure to read and understand enclosed instruction manual before operation

**ANEST IWATA USA, Inc.**

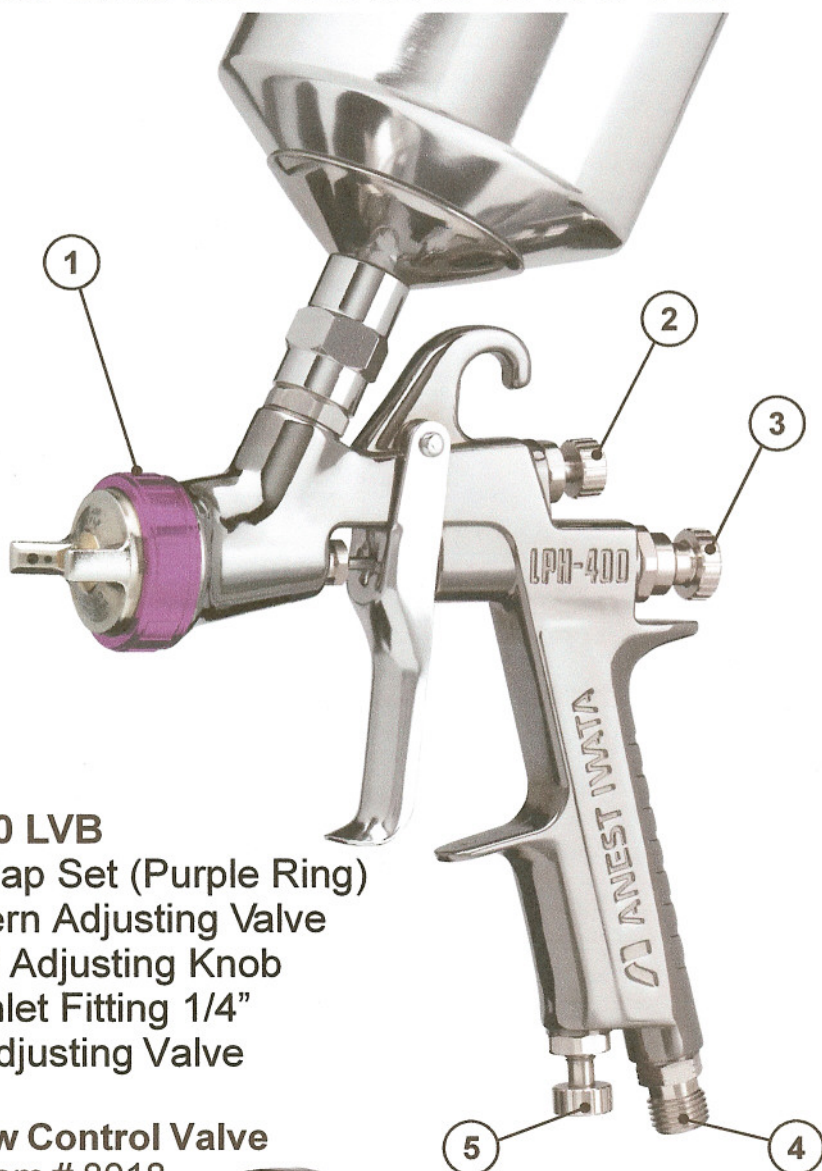
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# LPH400 LVB Operation Guide

## SUPER BASECOAT HVLP SPRAY GUN



### LPH400 LVB

1. Air Cap Set (Purple Ring)
2. Pattern Adjusting Valve
3. Fluid Adjusting Knob
4. Air Inlet Fitting 1/4"
5. Air Adjusting Valve

**Air Flow Control Valve**  
Item # 8018

