



## 2 Quart Pressure Pot Spray Gun & Hose Kit



### Features and Specifications

- Includes 1.2mm, 1.5mm & 1.8mm nozzles for Primers, Base & Clear Coats
- Perfect for spraying large areas such as trucks, vans & busses
- Equipped with pressure regulator & gauge for accurate settings
- 5 ft. hoses allow for easy movement
- Cup Size: 2 Quart
- Average Air Consumption: 16 CFM
- Air Inlet Thread: 1/4" NPT
- Fluid Inlet Thread: 3/8" NPT
- Net Weight with Cup: 6 lbs.

## EXTERNAL MIX AIR NOZZLE APPLICATION OPERATION:

- Connect hoses as shown in figure 1.
- Fill cup with paint or primer mixed in accordance with manufacturer's recommendations on label of container.
- Fasten cover securely.
- Close air adjusting valve by turning clockwise. Set air pressure at filter and regulator unit to between 35 and 80 P.S.I., depending on atomization desired. Set regulator on pressure cup to approximately 10 P.S.I. for enamels: 5 P.S.I. for lacquers. (Turn knob clockwise to increase pressure; to reduce pressure, turn knob counter-clockwise. Always release air in cup by momentarily opening air release valve on cover when attempting to reduce pressure.)
- Open air adjusting valve.
- With trigger fully pulled back, make several fast spray strokes against a flat surface. After adjustment of pressure. Proper atomization will be indicated by an even distribution of finely divided paint particles.



FIGURE 1

## IMPORTANT:

- The most efficient atomization air pressure is the lowest air pressure that will properly atomize the paint. This will minimize the overspray, deposit more paint on the surface and eliminate paint waste.
- If faster coverage is necessary, first increase fluid pressure and then adjust atomization air pressure. If slower coverage is more desirable, first reduce the fluid pressure and then adjust atomization air pressure.
- Always attempt to maintain the lowest pressures for maximum efficiency.
- For ease of removing cup cover and to prevent leakage, always thoroughly grease the threads on cup.

## INTERNAL MIX AIR NOZZLE APPLICATION OPERATION:

- The internal mix air nozzle accomplishes atomization by mixing the air and fluid within the air nozzle.
- NOTE: The steps are the same as with external mix nozzles, except the air and fluid pressure settings are different.
- Close air adjusting valve by turning clockwise. Set air pressure at filter and regulator unit to approximately 45 P.S.I.
- Open air adjusting valve and allow air to enter the gun.
- Set fluid pressure at 20 lbs. and adjust higher or lower until desired atomization is affected. Air pressure should be alternately adjusted.

## CLEANING:

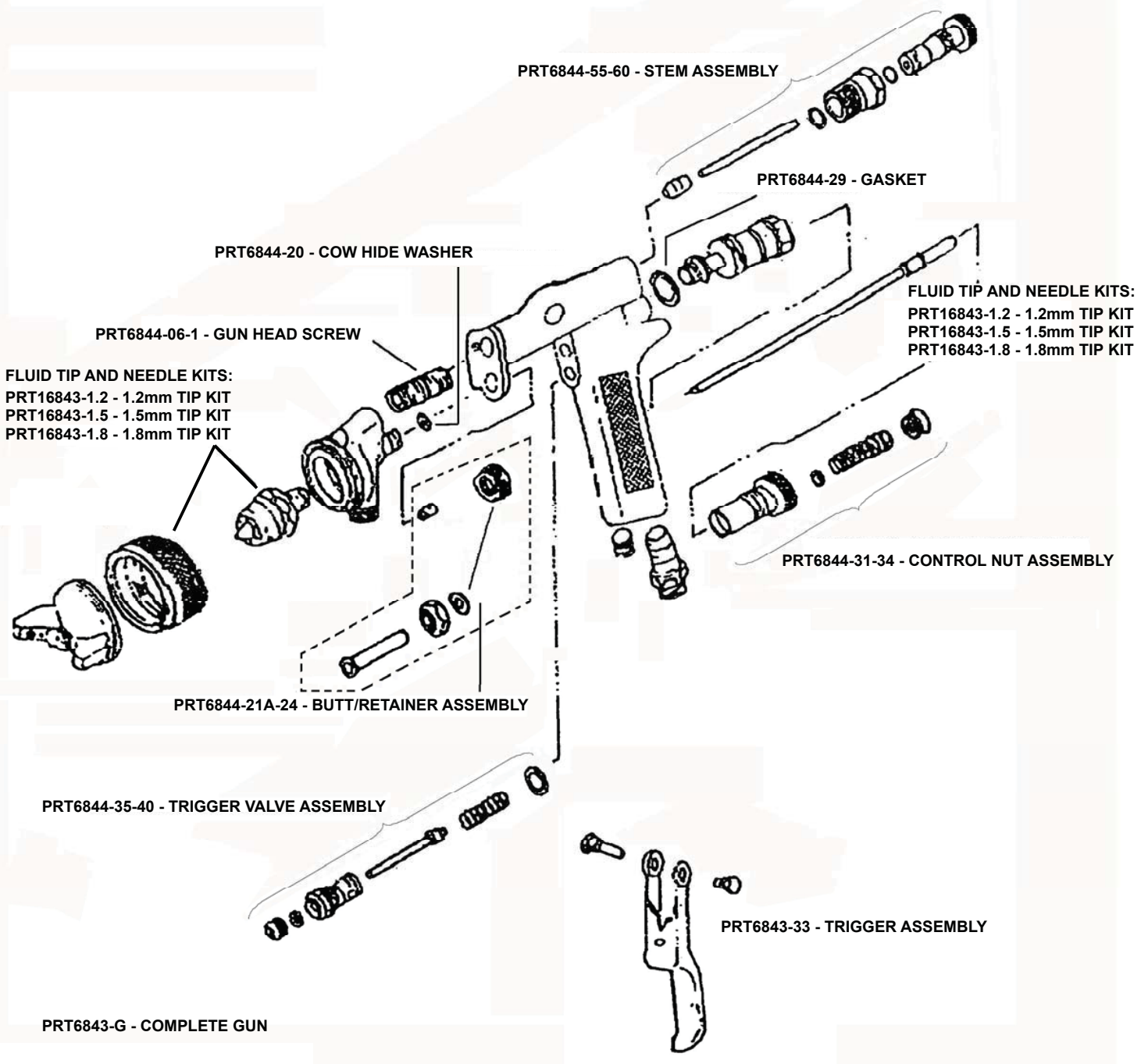
- Open air release valve on pressure cup cover. Reduce pressure in cup until gauge reads zero, (turn knob counter-clockwise).
- Loosen cup cover and set fluid tube on angle in cup.
- Loosen air nozzle two turns, place cloth over nozzle and pull the trigger to force paint into cup.
- Remove cover and clean cup and cover thoroughly.
- With approximately 1/4 to 1/2 cup of clean solvent, attach cover and set fluid pressure at approximately 10 P.S.I.
- Close air adjusting valve at spray gun.
- Trigger gun and allow solvent to flow into a container until it flows clear.
- Remove solvent; then clean air nozzle. If any dirt appears in orifice, clean with tooth pick; wire will damage nozzle. Blow nozzle and cup dry. Replace nozzle and cover loosely.
- Never allow solvent to remain in cup; solvent tends to reduce service life of gaskets. Separate storage of cup and cover is highly recommended.

## CAUTION:

If the cup is accidentally tipped over or held at too great an angle, fluid will load up the underside of cup cover, and leak into regulator. In the event this happens CLEAN IMMEDIATELY.



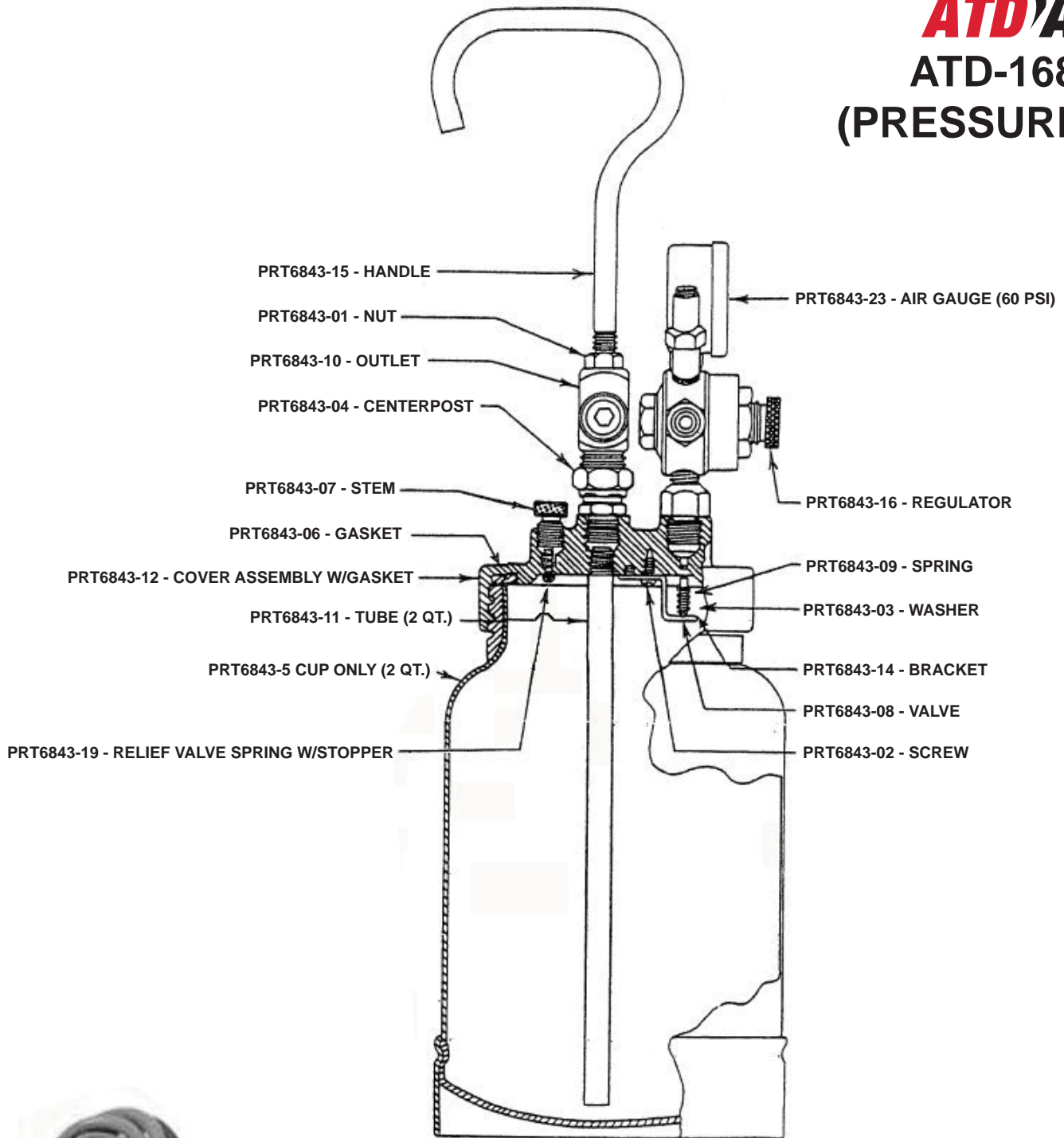
**ATD AIR**  
**ATD-16843**  
**(GUN)**





# ATD AIR

## ATD-16843 (PRESSURE POT)



PRT6843-POT - COMPLETE POT, LID AND REGULATOR ASSEMBLY



PRT6843-H - HOSE SET