



## **APS ADHESIVE SYSTEM**

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# **APS SYSTEM**

Congratulations for purchasing **The Albatross APS Adhesive System**. The APS will greatly reduce your cost for pallet adhesives compared to aerosol cans while also providing a cleaner, safer work environment. The following pages will assist in assembly, operation, and maintenance of the unit.

## **UNPACKING**

The following items should be included in the box, please make sure all pieces are present.

- 1- Base dolly including hardware for attaching support pole.
- 2- “U” shaped support pole with gun hook.
- 3- Pump base plate with pump, regulator, dual hoses, and spray gun already assembled.

## **ASSEMBLY**

- 1- Place dolly on floor and lock wheels to keep it from moving during assembly process.
- 2- Insert support pole through the two outer holes in the pump base plate. Make sure the gun hook is on the opposite sides of the pump base plate from the regulator and hose (see picture on cover) keeping the pole between the dual hose connection on pump.
- 3- Invert gun hook as illustrated on cover picture and secure with nut.
- 4- Slide the base plate up the support pole, over the locking buttons within the pole.
- 5- To attach the support pole to the dolly, locate the hardware already in place. Simply remove the nut and insert screws through the two holes on either side of the dolly. Please make sure the spacers are placed between the dolly and support pole; larger spacer on top, smaller on the bottom. Secure all four nuts in place.
- 6- Connect air source to the regulator using a 1/4" pipe thread male connector (not provided). Teflon tape on all connections is strongly recommended.

## **OPERATION**

- 1- Raise the base plate and lock in the upright position to install the 5 gallon pail of Albatross Safe-T-Tack Adhesive.
- 2- Unseal and open the pour spout on top of the pail.
- 3- Position the 5 gallon pail in the dolly so the suction tube is over the pour spout. Insert suction tube in pour spout.
- 4- Press the locking buttons on support pole and lower base plate so it sits on top of the pail.
- 5- Roll the APS System to your desired location near loading station.

6- Priming the unit:

- a- turn on air supply
- b- adjust regulator between 20-30 psi ( It may be necessary to increase the psi on regulator if unit does not prime. Once unit is primed lower the gage to your desired level.)
- c- turn the on/off valve on the dual coil hose to the off position.
- d- starting from the closed position turn the flow regulator screw (#18) on your PSN Gun several times counter clockwise.
- e- aim the spray gun into an empty container and pull trigger. This should activate the pump and adhesive should flow through the hose to the spray gun. As soon as adhesive starts to shoot from the nozzle, release the trigger.
- f- turn the on/off valve on the dual coil hose to the on position, and the flow regulator screw (#18) all the way clockwise.
- e- your APS System is now primed and ready for use

7- See separate instruction manual for Spray Gun techniques and operation.

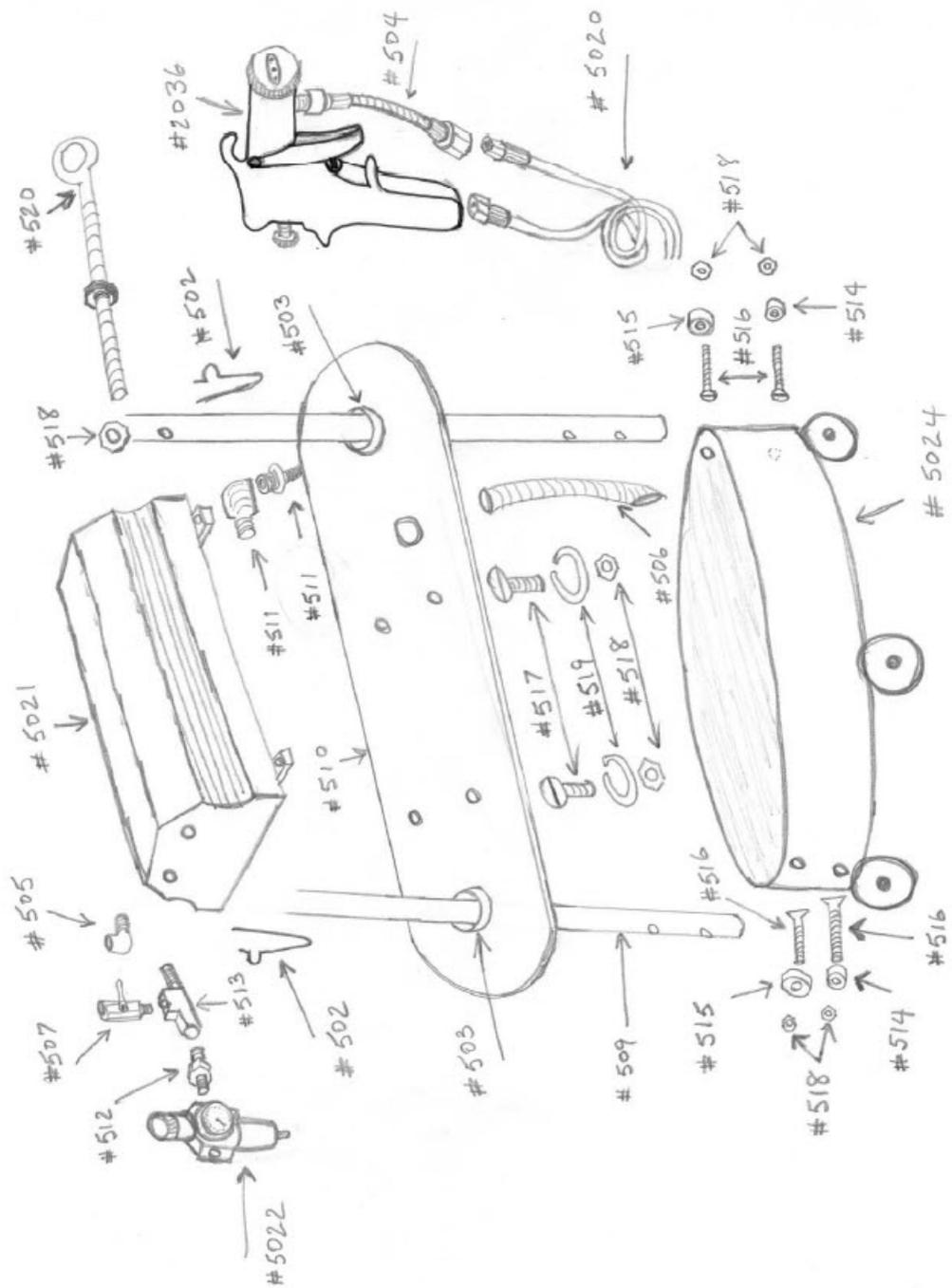
**MAINTENANCE**

The maintenance for APS System is primarily based on clean-up. The more often the unit is cleaned, the better. Daily cleaning of the system is strongly recommended.

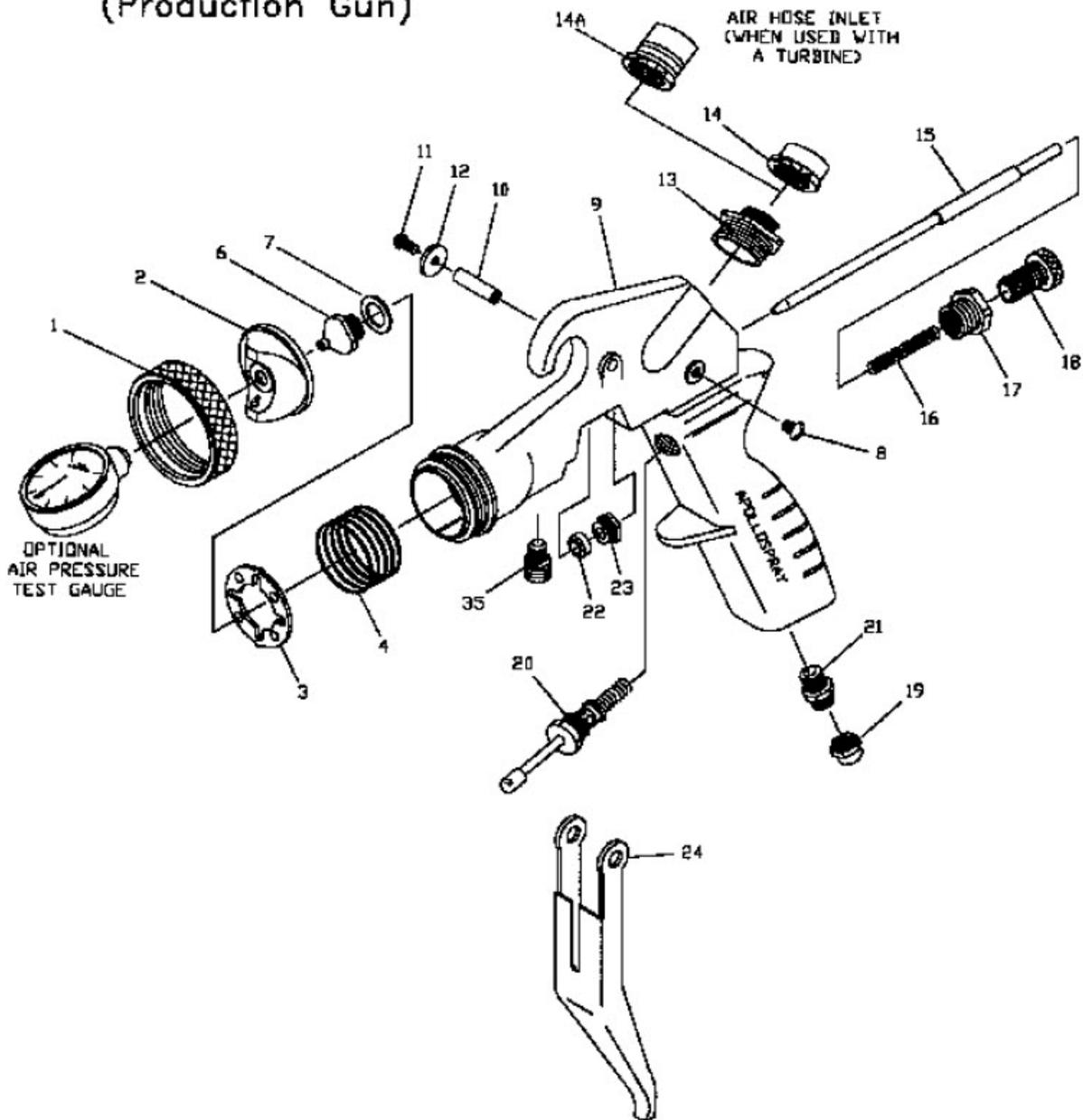
To clean the unit:

- 1- Raise the base plate to upright position and lock in place.
- 2- Remove the suction tube from the adhesive pail. (Keep a damp rag handy for any drips)
- 3- Turn the on/off valve on dual coil hose to the off position. This will prevent the adhesive from atomizing during the cleaning process.
- 4- Turn the regulator screw #18 several times counter clockwise
- 5- Aim the nozzle into the pail of adhesive and pull the trigger. A straight stream of adhesive should be shooting back into the pail, bleeding the lines, while not wasting any product.
- 6- Place the suction tube into a small bucket of water or water soluble cleaner. Pull the trigger until the water/ cleaner is flowing through the hoses and out the nozzle of the spray gun.
- 7- Turn the on/off valve back on and the regulator screw (#18) all the way clockwise. This will prevent accidental spraying of adhesive the next time the system is used.
- 8- See separate instruction manual for cleaning of spray gun nozzle.

This entire process should be no more than 10 minutes.



# PSN Spray Gun (Production Gun)



## PSN Spray Gun Parts List

### January 1, 2002

Diagram #	Part #	Description
1	A5200	Air cap ring
2	A5201	Air cap # 1
2	A5297	Air cap # 2
3	A5203	Air distributor plate (stainless)
4	A5204	Air distributor spring (stainless)
6	A5206	Fluid nozzle/jet (stainless) .75MM
6	A5207	Fluid nozzle/jet (stainless) 1.00MM
6	A5208	Fluid nozzle/jet (stainless) 1.50MM
6	A5208-2	Fluid nozzle/jet (stainless) 2.00MM
6	A5209	Fluid nozzle/jet (stainless) 2.50MM
7	A5210	Fluid nozzle gasket
8	A5246	Air feed blanking screw (stainless)
9	A5212	Gun casting
10	A5213	Trigger bushing
11	A5214	Trigger pivot screw (stainless)
12	A5215	Trigger screw washer
13	A5216	Upper port insert
14	A5217	Air blanking plug
14a	A5227	Air hose quick release coupler (male)
15	A5218	Needle (stainless) .75MM
15	A5219	Needle (stainless) 1.00MM
15	A5220	Needle (stainless) 1.50MM
15	A5220-2	Needle (stainless) 2.00MM
15	A5221	Needle (stainless) 2.50MM
16	A5222	Needle spring (stainless)
17	A5223	Flow screw insert
18	A5224	Material flow adjusting screw
19	A5259	Air blanking plug
20	A5260	Air valve assembly
21	A5261	Air coupler 1/4 NPT brass
22	A5228	Gland seal
23	A5229	Gland nut (stainless)
24	A5230	Trigger (stainless)
35	A5254	Fluid connector, 3/8" (stainless)