MANUAL

2 QUARTS PAINT PRESSURE CONTAINER KIT

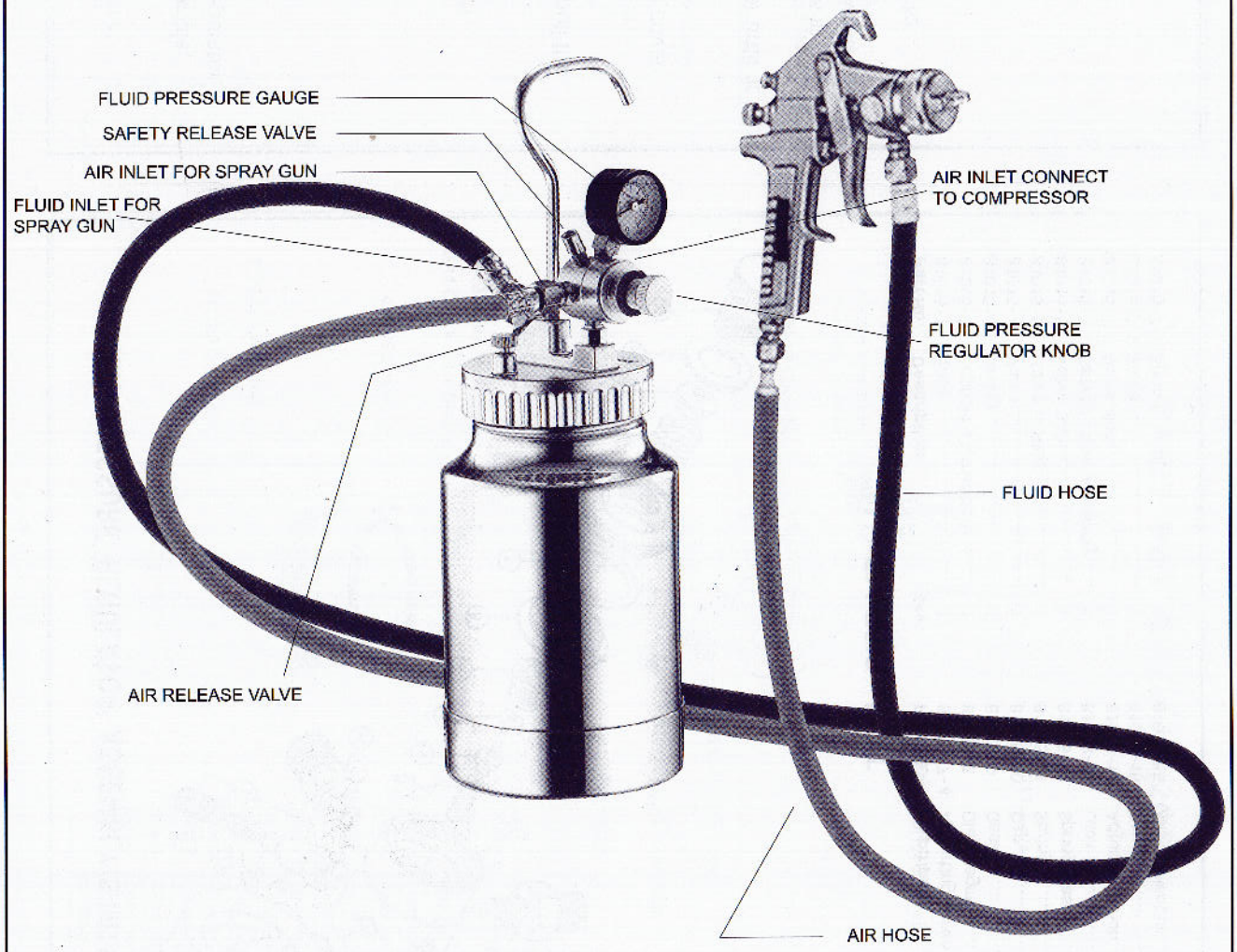
IMPORTANT! READ CAREFULLY BEFORE OPERATING THIS TOOL; FAILURE TO OPERATE ANY POWER TOOL PROPERLY CAN RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE.

SPECIFICATIONS:

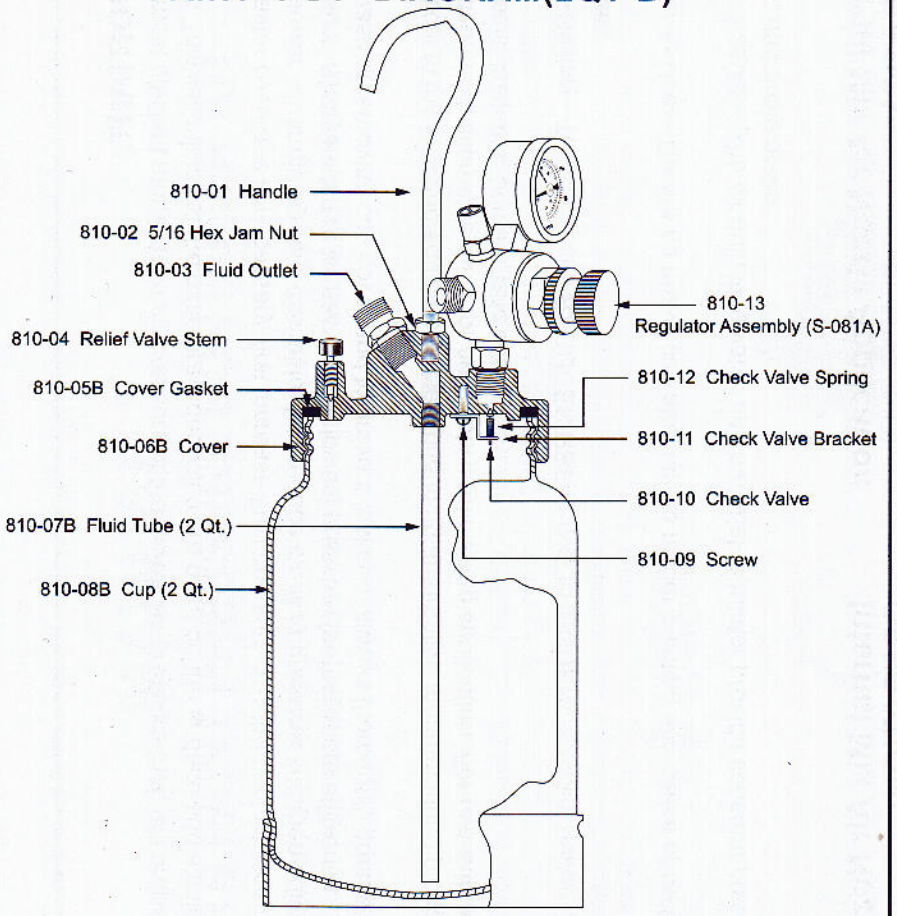
WORKING AIR PRESSURE FOR SPRAY GUN 30-65PSI
IDEAL AIR PRESSURE FOR CONTAINER 5-20PSI
ENAMELS 10PSI
LACQUERS 5PSI
SAFETY VALVE RELEASE 50PSI
COMPRESSOR REQUIRES 1.H.P
AIR INLET .....1/4"PF / 1/4"NPS(M)/PS
FLUID INLET .....3/8"PF / 3/8"NPS(M)/PS

OUTFITS CONSISTS OF:

SPRAY GUN 1PC
FLUID HOSE LENGTH 6FT
AIR HOSE LENGTH 6FT
2QT. PRESSURE CUP 1PC



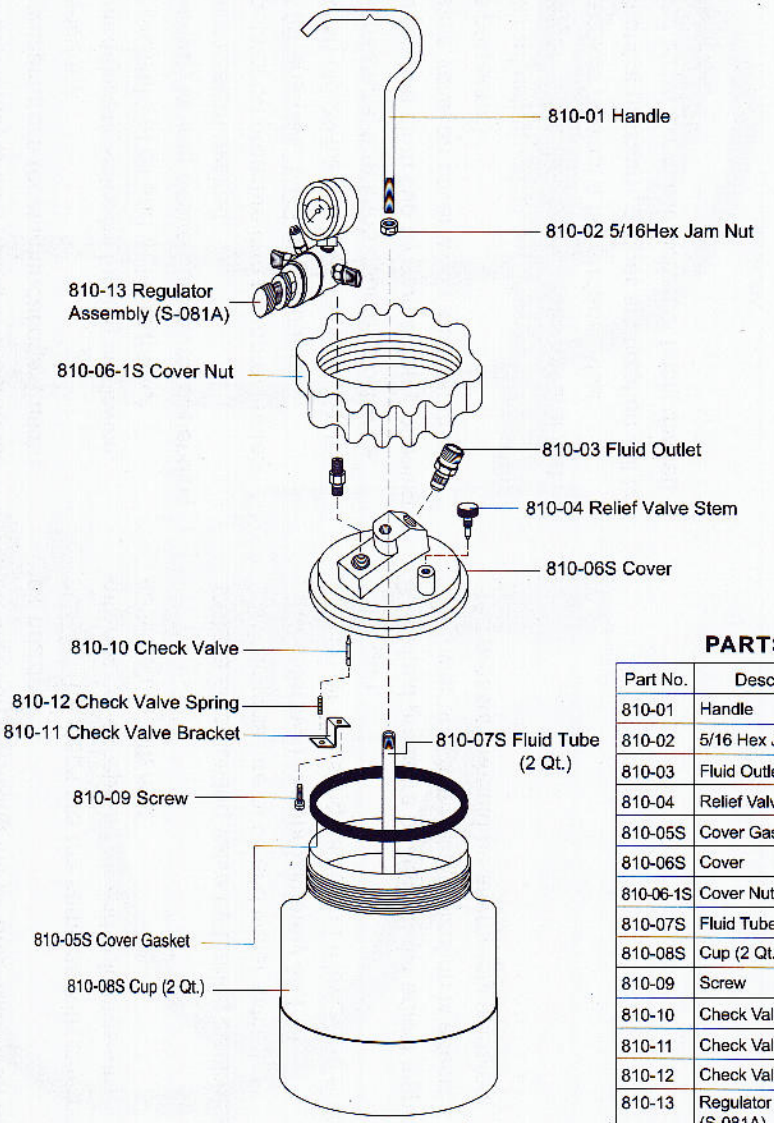
PAINT POT DIAGRAM(2QT-B)



PARTS LIST

Part No.	Description	Qty.	Part No.	Description	Qty.
810-01	Handle	1	810-08B	Cup (2 Qt.)	1
810-02	5/16 Hex Jam Nut	1	810-09	Screw	1
810-03	Fluid Outlet	1	810-10	Check Valve	1
810-04	Relief Valve Stem	1	810-11	Check Valve Bracket	1
810-05B	Cover Gasket	1	810-12	Check Valve Spring	1
810-06B	Cover	1	810-13	Regulator Assembly (S-081A)	1
810-07B	Fluid Tube (2 Qt.)	1			

PAINT POT DIAGRAM(2QT-S)



PARTS LIST

Part No.	Description	Qty.
810-01	Handle	1
810-02	5/16 Hex Jam Nut	1
810-03	Fluid Outlet	1
810-04	Relief Valve Stem	1
810-05S	Cover Gasket	1
810-06S	Cover	1
810-06-1S	Cover Nut	1
810-07S	Fluid Tube (2 Qt.)	1
810-08S	Cup (2 Qt.)	1
810-09	Screw	1
810-10	Check Valve	1
810-11	Check Valve Bracket	1
810-12	Check Valve Spring	1
810-13	Regulator Assembly (S-081A)	1

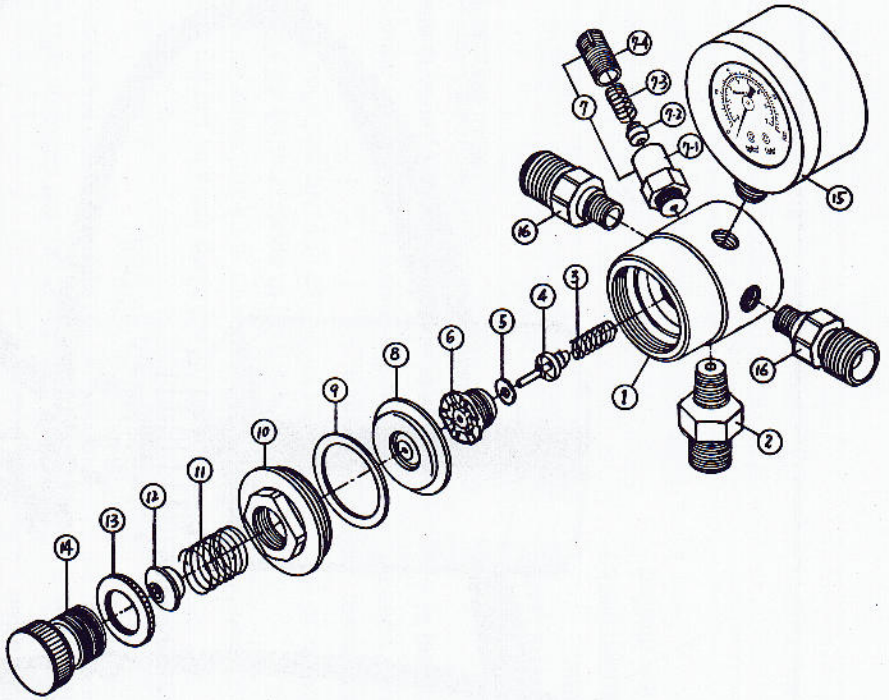
CAUTION:

If the cup is accidentally tipped over or held at too great an angle, fluid will load up the under side of cup cover, and leak into regulator. If this happens: ***Clean immediately.***

CLEANING:

1. Open air release valve on pressure cup cover.
2. Reduce pressure in cup until gauge reads zero, (turn knob counter-clockwise).
3. Loosen cup cover and set fluid tube on angle in cup.
4. Loosen air nozzle two turns, place cloth over nozzle and pull the trigger to force paint into cup.
5. 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 PSI.
6. Close air adjusting valve at spray gun.
7. Trigger the gun and allow solvent to flow into the container until it flows clear.
8. Remove solvent, then clean the 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.
9. Never allow solvent to remain in cup; solvent vapors tend to reduce service life of gasket.
10. Separate storage of cup and cover is recommended.

AIR PRESSURE REGULATOR ASSEMBLY (S-081A)



PARTS LIST

Part No.	Description	Qty.	Part No.	Description	Qty.
81015-1	Body	1	81015-7-4	Adjusting Screw	1
81015-2	Support Connection	1	81015-8	Diaphragm	1
81015-3	Spring	1	81015-9	Gasket	1
81015-4	Valve	1	81015-10	Cap	1
81015-5	Valve O-Ring	1	81015-11	Spring	1
81015-6	Valve Seat	1	81015-12	Spring Washer	1
81015-7	Safety Valve Assembly	1	81015-13	Lock Nut	1
81015-7-1	Valve Body	1	81015-14	Adjusting Knob	1
81015-7-2	Valve	1	81015-15	Gauge	1
81015-7-3	Spring	1	81015-16	Air Connection	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 wastage.

If a faster coverage is necessary, first increase fluid pressure and then adjust atomization air pressure. If a slower coverage is more desirable, first reduce the fluid pressure and then adjust atomization air pressure. Always attempt to maintain the lowest pressure for maximum efficiency.
For ease of removing cup cover and to prevent leakage, always thoroughly grease the threads on cup.

Identical to the finishing equipment used in leading automotive manufacturing plants, the unit is the ideal production-type outfit for automotive refinishing application. For use with all conventional enamels, lacquers, primers, and sealers.

Time-Saving---Two-quart cup REDUCES REFILLING FREQUENCY, which makes longer, faster strokes.

Easier-to-Use---There's no heavy cup attached to hinder painting and cause operator fatigue.

Finer Results---The air adjusting valve and material regulator provide constant pressure to avoid runs, sags, and dusty areas.

External Mix Air Nozzle Application OPERATION:

1. Connect hose as shown in diagram.
2. Fill cup with strained fluid mixed in accordance with manufacturer's recommendations. Fasten cover securely.
3. Close air adjusting valve by turning clockwise. Set air pressure at oil and water extractor (transformer) to your desired pressure, depending upon atomization desired.
4. Set regulator on pressure cup to approximately 10 PSI for enamels; 5 PSI 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.)
5. Open air adjusting valve.
6. 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.

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 nozzle, except the air and fluid pressure settings are different.

1. Close air adjusting valve by turning clockwise. Set air pressure at oil and water extractor (transformer) to approximately 45 PSI.
2. Open air adjusting valve and allow air to enter the gun.
3. Set fluid pressure at 20 PSI and adjust higher or lower until desired atomization is effected. Air pressure should be alternately adjusted.