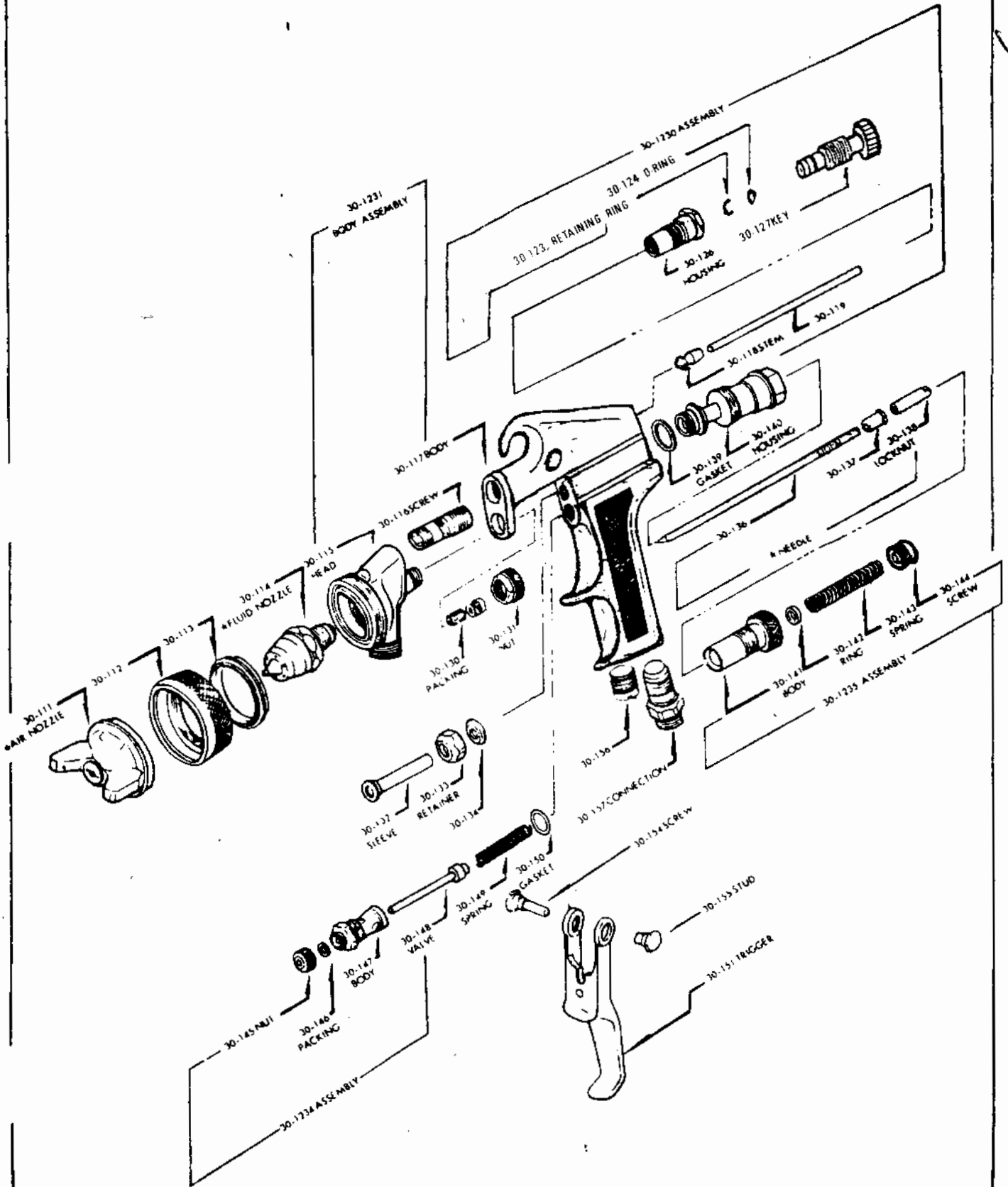


PARTS LIST

10/4



2¼-GALLON #503 PRESSURE TANK

DESCRIPTION

READ INSTRUCTIONS CAREFULLY BEFORE USING!

2¼-Gallon Pressure Tank provides pressurized material up to a maximum of 80 PSI. This tank is equipped with an air regulator, gauge, safety valve, and fluid outlet. It is constructed of only the finest materials for durability. The 2¼-gallon capacity enables you to handle most any job with professional results. This versatile tank can also spray materials other than paint.

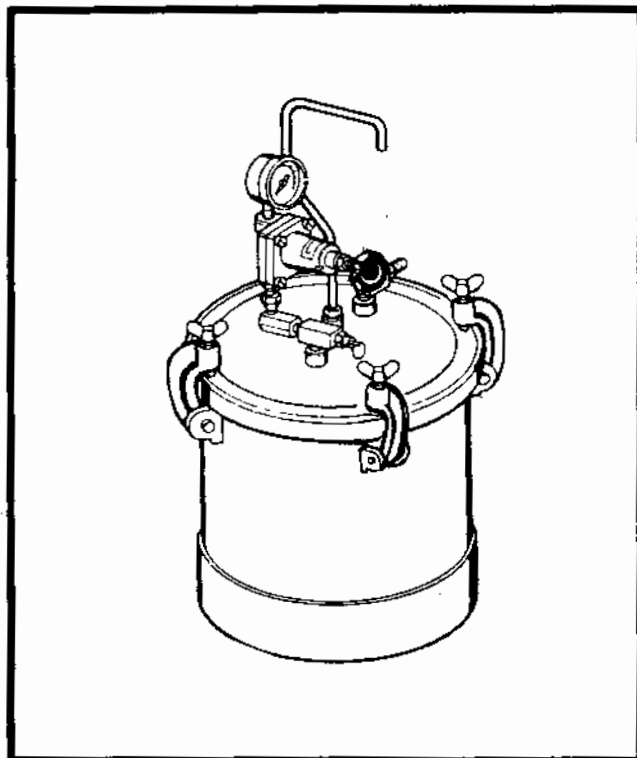
CAUTION

This pressure tank is not designed for highly abrasive, corrosive, or rust inducing materials. If used with such materials, frequent and thorough cleaning is advised to reduce the necessity for replacement of parts.

WARNING

AIR PRESSURE LOADS THAT ARE HIGHER THAN DESIGN LOADS, OR ALTERATIONS TO THE PRESSURE FEED TANK CAN RESULT IN TANK RUPTURE OR EXPLOSION.

- A SAFETY VALVE PROTECTS THE TANK FOR OVER PRESSURIZATION. DURING EACH USE, PULL THE RING ON THE SAFETY VALVE TO CHECK IF IT OPERATES FREELY AND RELIEVES AIR PRESSURE. IF THE VALVE IS STUCK, DOES NOT OPERATE FREELY, OR DOES NOT RELIEVE AIR PRESSURE, IT MUST BE REPLACED. DO NOT DISCARD OR MAKE ANY ALTERATIONS OR SUBSTITUTIONS TO THIS VALVE.
- DO NOT MAKE ANY CHANGES TO THE AIR TANK. TAMPERING IN THE FORM OF DRILLING, WELDING, ETC. . . WILL WEAKEN THE TANK.
- THE MAXIMUM OPERATING PRESSURE OF THE TANK IS 80 PSI.



INSTALLATION

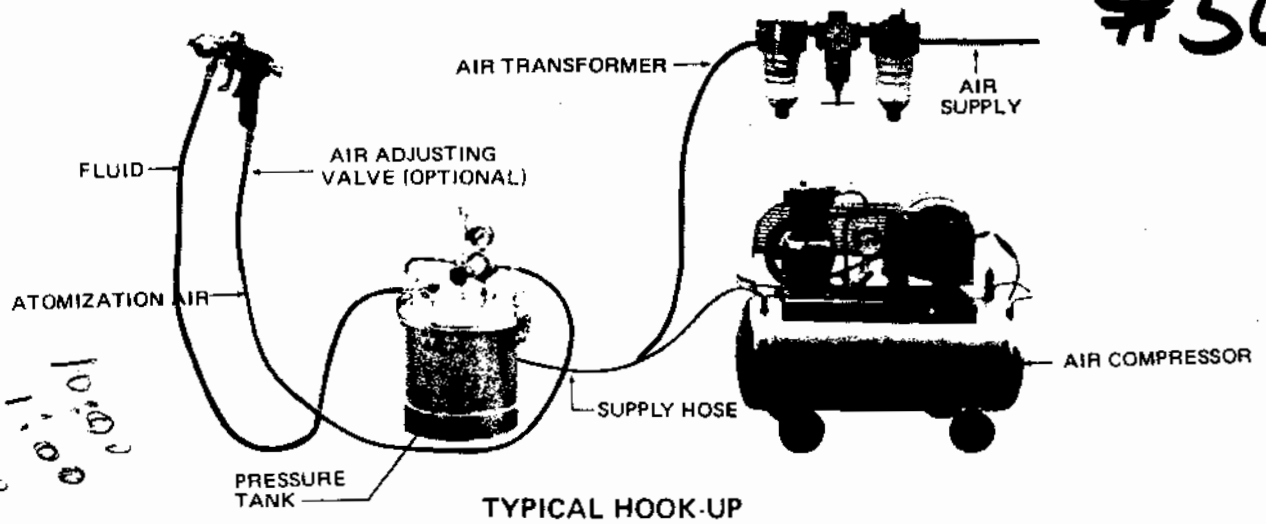
Follow the manufacturer's directions for the mixing and preparation of material. Strain material using a fine mesh screen in order to prevent the entry of foreign matter and the clogging of passageways.

1. Always relieve all air pressure in the tank. Pull the ring on safety valve until pressure bleeds down.
2. Loosen thumb screws, tip lid clamps back and remove lid assembly.
3. Pour material into the tank.
4. Replace the lid assembly and tighten clamps and thumb screws securely.
5. It is best for the air supply line to pass through a transformer to filter dirt from air and remove entrained water and oil. Connect the air supply hose to the air inlet fitting on tank regulator.
6. Attach the atomization air hose to the air outlet fitting which is directly opposite air inlet fitting.
7. Connect material hose to the fluid outlet fitting.
8. Refer to figure below for a typical assembly.

#503

10.00
1.00
0.50
0.25
0.10

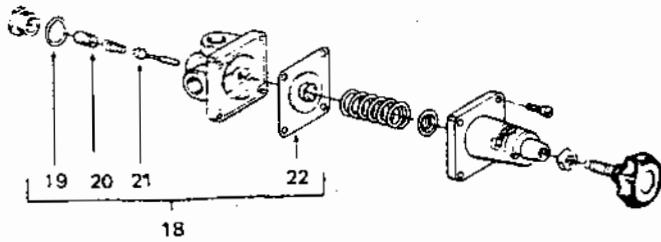
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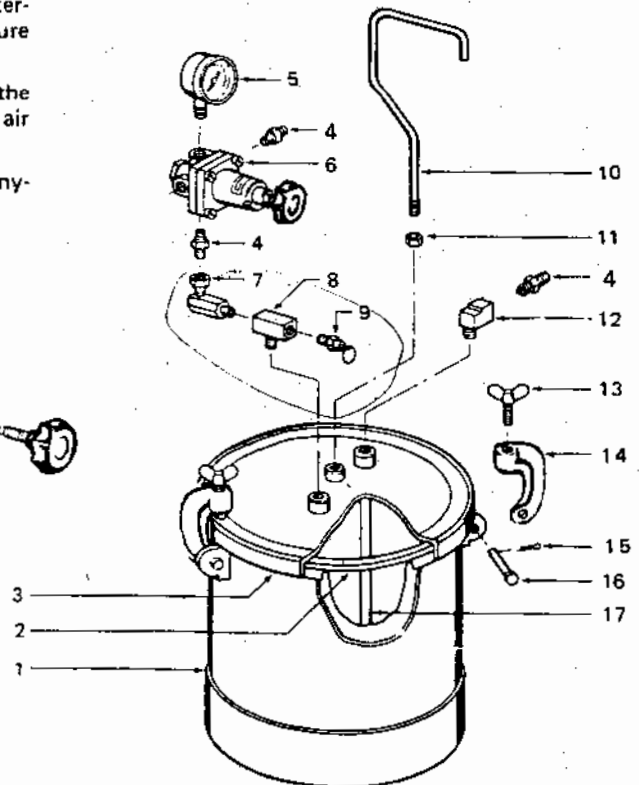
TYPICAL HOOK-UP

OPERATION

1. Turn on the air supply.
2. Turn Tee-Handle adjusting screw clockwise on the tank regulator to increase material pressure; turn it counter-clockwise to decrease pressure. Maximum tank pressure is 80 PSI.
3. Atomization air for the spray gun can be adjusted at the gun by means of an air adjusting valve or adding an air regulator kit to the tank. See accessories.
4. Operate Spray Gun according to instructions accompanying gun.



REGULATOR (NO.6)



2 1/2-GALLON PRESSURE TANK

- * EQUIPPED WITH A SAFETY VALVE THAT CONTINUOUSLY RELEASE EXCESSIVE AIR WHEN OVER PRESSURIZATION OCCURS (MAX. 70 PSI).
- * USE THE AIR REGULATOR VALVE TO CONTROL AND ATTAIN DESIRED AIR PRESSURE.
- * TO PREVENT CONTINUOUS RELEASE OF EXCESSIVE AIR FROM THE SAFETY VALVE, USE THE AIR REGULATOR VALVE TO SHUT-OFF AIR SUPPLY WHEN SPRAY GUN IS NOT IN USE.
- * TO PREVENT ACCIDENTAL INJURY, BE SURE TO PULL THE RING OF THE SAFETY VALVE (PART NO. 9) AND DISCHARGE ALL AIR INSIDE THE TANK PRIOR TO OPENING AND REFILLING PAINT

#503

4014

Number	Part	Quantity
1	Tank Shell Assembly	1
2	Lid Gasket, Thiokol	1
3	Lid Assembly	1
4	Adapter	3
5	Gauge	1
6	Regulator	1
7	Swivel Adapter	1
8	Branch Tee	1
9	Safety Valve	1
10	Handle	1
11	Hex Nut	1
12	Street Elbow	1
13	Thumb Screw	4
14	Yoke Assembly	4
15	Cotter Pin	4
16	Hinge Pin	4
17	Fluid Tube	1
18	Repair Kit	1
19	Gasket	1
20	Strainer	1
21	Disc and Guide Assembly	1
22	Diaphragm Assembly	1

MAINTENANCE: CLEANING EQUIPMENT

1. Turn off the main air supply to the tank.
2. Relieve all pressure from the tank by pulling the ring on safety valve until the pressure bleeds down.
3. Turn T-handle adjusting screw on tank regulator counterclockwise until no spring tension is felt.
4. Loosen thumb screws, tip clamps back and tip tank lid to one side.
5. Loosen spray gun air cap retaining ring about three turns.
6. Turn on the air supply.
7. Cup cloth over air cap on the gun and pull trigger. This will force material back through the hose, into the tank.
8. Empty and clean tank and parts which come in contact with material. Use a suitable solvent.
9. Pour solvent into the tank.
10. Replace lid and tighten thumb screws and clamps.
11. Spray until clean solvent appears.
12. Repeat steps 4-7.

Note: Keep the safety valve clean at all times.