Troubleshooting tips

PROBLEM	SOLUTION
Too little material being discharged	1. Check air pressure and adjust. Remember optimum pressure is between 60-80 psi 2. Turn material control valve counterclockwise to increase flow 3. Check for obstructions in pickup tube, wand or air inlet hole in sprayhead.
Too much material being discharged	1. Turn material control valve clockwise to reduce flow of material 2. Reduce air pressure
Irregular Spray Pattern	1. As above, check for obstructions in pickup tube, sprayhead, wands or inlet hole. 2. Check for foreign material or clots of material solids in canister. 3. Check capacity of air compressor. The unit requires a minimum of 4.5 CFM @ 80 psi
Trigger on gun hard to pull	Apply small amount of silicone or oil around the valve (C-228-C) at hex nut (BB-104)

Limited 90 Day Warranty

Subject to terms and conditions set forth in this limited one-year warranty, manufacturer warrants this product to be free from defects in material or workmanship. This warranty does not include damage resulting from accident, abuse or misuse of the product nor does it apply to parts subject to normal wear. This warranty assumes no modification to the unit after manufacture. The manufacture assumes no liability for consequential damages of any nature, including but not limited to accidental application to various portions of vehicle. This warranty is in lieu of any other warranty or obligation including warranty of merchantability and/or fitness expressed or implied with no liability assumed by manufacturer, except as expressly stated herein.

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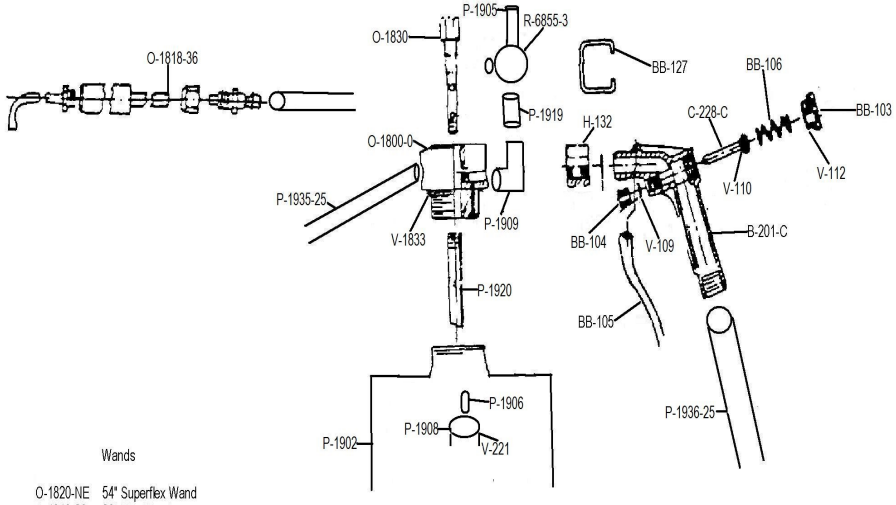
America's Most Durable Spraying Equipment

Tri-Con P-1900-1
Rust Preventative Applicator System
Operation Manual
DO NOT DISCARD!



Wands

O-1820-NE	54" Superflex Wand
O-1818-36	36" Flex Wand
O-1820	360 Degree Spray Tip

F-C- 210-N Air Gun Components

B-201-C	Body
BB-103	Retainer Cap
BB-104	Gland Nut
BB-105	Trigger Handle
BB-106	Compression Spring
V-109	Valve Stem O-Ring
V-110	Valve Head O-Ring
V-112	Retainer Cap O-Ring
BB-127	D-Ring
V-316	O-Ring

P-1900 Sprayhead Components

O-1800-0	Body Spray Head
O-1830	Material Control Valve
V-1833	O-Ring
H-132	1/4" Nipple Adaptor
P-1902	5 gal. Canister
P-1920	Pickup Tube
R-6855-3	Gauge & Regulator
P-1905	1/4" Check Valve
P-1906	1/4" Safety Relief Valve
P-1908	Aluminum Filler Cap
V-221	Filler Cap O-Ring
P-1909	1/4" Brass Elbow
P-1918-1	1/4" Female Connector
P-1918-2	1/8" Female Connector
P-1919	1/4" x 2 1/2" Brass Nipple
P-1936-25	3/8" x 25' Air Hose

The P-1900-1 is a revolutionary new product for applying undercoating / rust preventative. The unit incorporates an agitated pressure concept which will deliver the product in a fine, atomized state. By adhering to a few simple instructions and maintenance steps, you will get extended years of service from this unit.

Using the P-1900-1

IMPORTANT: The P-1900-1 dispenses liquids by means of compressed air. NEVER POINT OR SPRAY THE UNIT AT ANYONE! ALWAYS WEAR SAFETY GLASSES AND A RESPIRATORY MASK WHEN OPERATING THIS UNIT!

Preparation

You will need:
1. An air compressor with a minimum capacity of 4.5 CFM @ 80 psi.
2. An air supply hose with a 1/4" NPT female inlet.
3. A well ventilated area.

Assembly

1. The gun (F-C-210-N) handle and sprayhead (O-1801) have been assembled at the factory. Do not attempt to separate the gun from the sprayhead.
2. Remove filler cap and Fill the pressure canister (P-1900-1) with the material to be sprayed and screw on to the sprayhead assembly (O-1801).
3. snap into the quick disconnect (OP-1918)
4. Attach air line to gauge and regulator (R-6855-3) at the top sprayhead assembly. Note arrow on regulator for direction of flow.

Operation

IMPORTANT: Follow recommended preparation and safety precautions.
1. Before spraying, make sure that the canister is tightly threaded to the pressure head, but do not force!
2. The unit operates between 40-120 psi with an optimum pressure between 60-80 psi.
3. For best results in spraying, adjust air pressure and material control knob (O-1830)
4. Set and maintain your air compressor at proper pressure levels.
5. When ready to spray, point wand at surface to be sprayed and depress trigger of gun. Material will dispense as long as trigger is held, with a slight after spray. As a safety feature, the unit will relieve itself of any pressure built up in the canister. To prevent spraying at unintended targets, keep the wand point at the application site until the material stops flowing.
6. For best results, test spray a small area to make sure that the force of the spray and the amount of atomization are as desired. If not, adjust the control knob (O-1830) accordingly.
7. Under normal conditions, when applying typical material, the control knob should be turned counterclockwise 2 full turns from the or "down" position. Changes in temperature may affect the viscosity of your material so, you may need to make minor adjustments to achieve your desired spray pattern. To reduce the amount of Material being sprayed, turn the knob clockwise. To increase, turn counterclockwise. Make sure to keep the unit pointed away from you or others while making adjustments.
8. To prevent accidental discharge, disconnect the air line before refilling the canister.
9. Pull ring on pressure release valve to release all air pressure before filling.
10. Always clean your P-1900-1 after every use.

Maintaining your P-1900-1

Your P-1900-1 is a quality product. With proper care, it will give you excellent performance for a long time.

1. After disconnecting the air line, refill with diluted mixture of solvent. When using solvents, be sure to follow the cautions on the solvent container. Also, because strong solvents will shorten the life of seals and O-rings, dilute the agent, following the advice of the solvent manufacturer.
2. Reconnect the canister and spray the cleaning solution through the unit and all used wands for 30 seconds.
3. Should air leaks develop in the gun, adjust the packing nut (BB-104) directly below the trigger or the retainer cap (BB-103) at the back of the gun.
4. To assure smooth operation of the trigger, occasionally spray silicone or oil around the valve mechanism of the spray gun.
5. Before each use pressurize canister to 120 psi max (over 125 psi relief valve will release) Check the control head, hose, hose connections and spray applicator gun for air leaks. When leaks are detected may require tightening, threads taped or o-ring replaced.