

- Thumb-control valve for accurate spraying

- Nozzle adjusts from mist to stream spray

- Noncorrosive polypropylene pump

- Convenient carrying handle with wand storage clip

- Noncorrosive polyethylene tank

EXCLUSIVE FEATURES

owner's guide

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OWNER'S GUIDE DECK SPRAYER

For applying wood stains, preservatives, and sealers to decks or concrete surfaces. Use only with Thinner, water weight products. Will not spray thicker, brush on only products.

PLEASE READ AND FOLLOW ALL INSTRUCTIONS BEFORE USING SPRAYER

WARNING

Always inspect your sprayer thoroughly before each use. Be sure hose is securely attached and in good condition before pressurizing tank. Test with water at beginning of each season.

Always follow directions on spray material containers. Read them thoroughly and follow carefully.

Always wear such protective clothing (goggles, face masks, long sleeves, long pants, gloves, etc.) when spraying as is recommended by the manufacturer of the spray material.

Do not allow spray to reach people or animals.

Always relieve air pressure before removing pump by turning tank upside down and holding valve open.

Do not use flammable materials as the sprayer, as this could cause the sprayer to explode.

Do not use caustic, acidic, or corrosive material in the sprayer, as they could weaken and corrode the parts which could lead to injury.

Do not use mechanical devices to pressurize the tank. They can create excessive and dangerous pressure which could cause the tank to explode.

Do not stand over pressurized tank while using or pumping it.

Always securely tighten the pump. An improperly tightened pump could be forcibly ejected and cause serious injury.

Do not use solutions hotter than 105°F.

Do not pressurize sprayer until ready to use. Do not leave pressurized sprayer unattended.

Do not lift or carry sprayer by hose or extension rod.

Clean tank and valve thoroughly with soap and water after herbicides and other poisons have been used.

If nozzle clogs, do not force open with air pressure. Remove nozzle and clean with fine wire or toothpick.

Read and follow all instructions in sprayer manual before using sprayer.

FAILURE TO HEED ALL SAFETY INSTRUCTIONS AND WARNINGS COULD RESULT IN SERIOUS BODILY INJURY.

WARNING

This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Do not place your hands in your mouth after handling the product. Do not place the product in your mouth. *Wash your hands after touching this product.*

Note: The brass in this product contains lead.

HOW TO PREPARE YOUR SPRAYER FOR USE

Assemble extension rod to valve by inserting and holding rod into open end of valve. Attach extension cap securely by hand.

NOTE: Never use tools to tighten connection nuts.

Remove pump and cap assembly.

Mix spray solution in separate receptacle, following directions on spray solution container.

Strain solution through fine cheesecloth or household strainer to remove particles that could clog nozzle.

Use any amount of liquid to the "Fill-To-Here" mark. **DO NOT** fill beyond this line.

Replace pump and cap assembly and tighten securely.

Pressurize tank by pumping approximately 10-20 times (depending upon amount of liquid used).

HOW TO USE YOUR SPRAYER

1. Adjust nozzle cap for direction of fan spray.
2. Pump occasionally to maintain tank pressure and desired spray pattern.
3. The extension rod can be rotated 360°, turning counter-clockwise with extension rod pointed away from you.
4. Attach extension rod to handle by pushing it into the two clips provided.
5. Sprayer should only be carried by top of handle or strap (if provided). Never carry tank by the hose or discharge rod.

CLEANING AND MAINTENANCE INSTRUCTIONS

NOTE: A small amount of care will repay you in long life and efficient operation.

RELEASE AIR PRESSURE - allow all air to escape.

Loosen cap slowly. Remove pump and cap assembly. Pour out any remaining spray solution and rinse all parts thoroughly with clean water.

Leaving a small amount of clean water in tank, pressurize and flush discharge equipment by depressing trigger approximately 30 seconds.

RELEASE AIR PRESSURE - Rinse tank again and empty water.

To clean nozzle cap, refer to nozzle maintenance section.

Always store tank empty and with tank cap loose, upside down.

Apply approximately 10 drops of 20 weight or heavier motor oil in oil hole provided at top of tank cap before each growing season use and periodically thereafter.

If trigger is sluggish, remove extension rod assembly, depress trigger and apply 5 drops of oil in end of valve head.

TROUBLE SHOOTING YOUR PLASTIC SPRAYER

PROBLEM: Sprayer Fails To Pressurize.

Be sure tank cap is tight.

Oil pump cup.

Lift pump plunger and apply approximately 10 drops of 20 weight or heavier motor oil in hole provided in top of tank cap. (A)

Work plunger up and down.

If sprayer will not pressurize, proceed to Step 4.

Check pump assembly. See FIG. 4.

RELEASE AIR PRESSURE.

Remove pump and tank cap assembly.

Remove pump plunger by holding pump cylinder (B) firmly and pushing tank cap (A) up with thumbs to remove.

Inspect cylinder gasket (D). If soiled, clean all surfaces of gasket and rim of tank with clean lint-free cloth. If split or worn, replace using parts from Kit R-30C (refer to back page).

With pump still disassembled, inspect pump cup (E) for damage. If in good condition, wipe off any foreign particles. If damaged, replace using parts from Kit R-30C (refer to back page). Oil with 20 weight or heavier motor oil.

Inspect check valve (F). If soiled, clean with lint-free cloth. If worn or split, replace using parts from Kit R-30C (refer to back page).

Reassemble by starting plunger into pump cylinder at an angle. Replace cylinder into tank and tighten tank cap until cylinder and cap "snap" together and are tight.

Oil pump cup following instructions in Step 3.

If tank fails to retain pressure, proceed to the next sections to check for leaks.

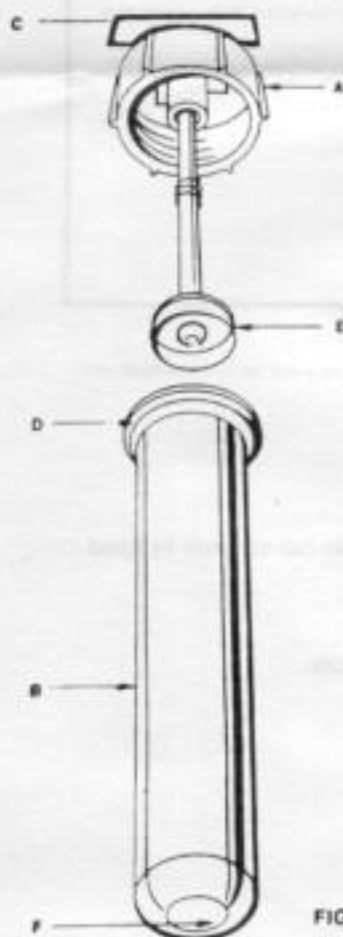


FIG. 4

PROBLEM: Sprayer Leaks. SEE FIG. 5



FIG. 5

Step 1. Extension cap at extension rod.

- Tighten extension cap securely by hand.
- If leak persists **RELEASE AIR PRESSURE**, remove rod by loosening extension cap and pulling rod straight out.
- If connection surfaces are scratched or damaged, replace using parts from Kit R-14C. (refer to back page for part)

POSITION CLAMP AWAY FROM HOSE END AND CLOSE TO THIS RAISED SURFACE



FIG. 6

Step 2. Hose at tank. See FIG. 6.

- Release air pressure.
- Inspect hose, if split or worn replace with parts from Kit R-51C. (NOTE: DO NOT ATTEMPT TO REUSE ORIGINAL FACTORY INSTALLED CRIMPED CLAMP).
- (a) Slide clamp on hose.
- (b) Holding end of hose under hot water for approximately 3 minutes will allow hose to slide on tank outlet easier.
- (c) Push hose fully onto tank outlet.
- (d) Slide clamp into position shown in FIG. 6.
- (e) Tighten clamp until a snug fit is obtained.
- Test for leakage by pressurizing with plain water.
- If leak persists tighten clamp until it stops.

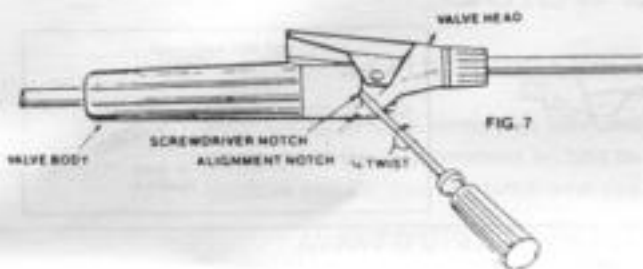


FIG. 7

Step 3. Where hose enters valve body.

- Insert small blade screw driver into notch and twist 1/4 turn to separate valve body from valve head. SEE FIG. 7
- Slide valve body back along hose to expose connection of hose with valve head. SEE FIG. 8
- Plastic sleeve must be tight on hose, if not grip sleeve firmly with thumb and forefinger and push toward end of hose until snug.
- If leakage is due to cracked or damaged hose, cut off behind sleeve, remove sleeve with pliers as shown then cut remaining hose off valve head hose fitting. See FIG. 9
- To reassemble.
- (a) Slide plastic sleeve over hose (larger end of tapered sleeve toward end of hose.) SEE FIG. 8
- (b) Push hose fully on valve head fitting (soaking end of hose in hot water first will make this operation much easier.)
- (c) Push sleeve snugly on hose as described above.
- (d) Align valve body with valve head and snap together tightly. SEE FIG. 7

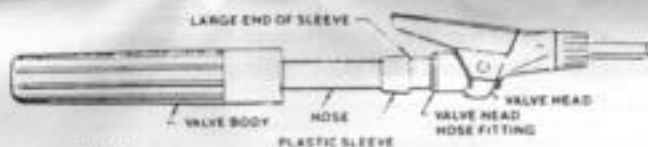


FIG. 8

Step 4. If leak is from any other area of valve, replace valve assembly using Kit R-51K.

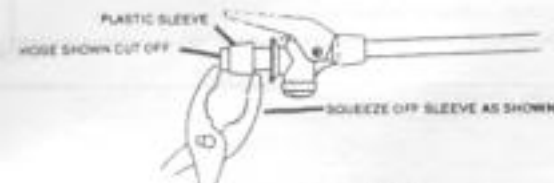


FIG. 9

PROBLEM: Sprayer Nozzle Does Not Spray or is missing.

Step 1. Clean nozzle

- **RELEASE AIR PRESSURE**
- Remove nozzle cap.
- Clean nozzle body (A) and cap orifice (B) using a toothpick or broom straw.
- Replace nozzle.

Step 2. Install new nozzle cap.

- If damaged or lost, replace using parts listed on back page. (refer to back page).

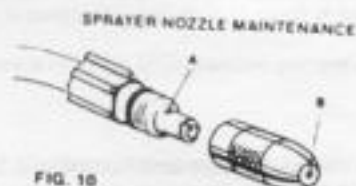
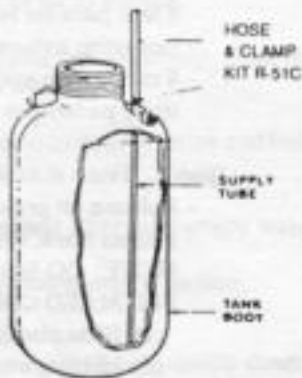


FIG. 10

POLYETHYLENE TANK SPRAYERS

Parts List

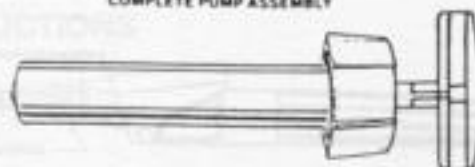
Part Name	010DS 1 Gal.	020DS 2 Gal.
Tank	010P20DS	020P20DS
Supply Tube	100024A	200024A
Complete Pump Assembly	101P75BK	101P75BK
Pump Plunger Assembly	101P74BK	101P74BK
Pump Cylinder Assembly	15581	15581
Strap		
Complete Ext. Rod	101P76WM	101P76WM
Nozzle Cap	R17C	R17C
Hose & Clamp	R51C	R51C
Pump Repair Kit	R11C	R11C
Complete Discharge Valve Assembly	R58C	R58C



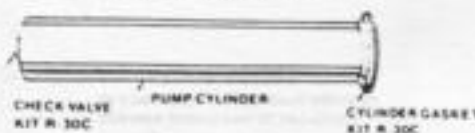
COMPLETE VALVE ASSEMBLY
KIT R-58C



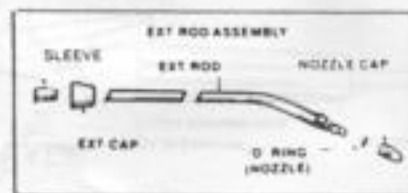
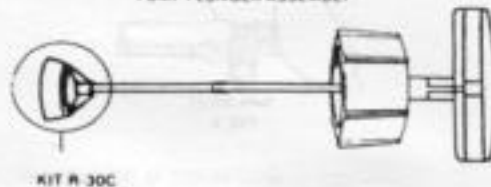
COMPLETE PUMP ASSEMBLY



PUMP CYLINDER ASSEMBLY



PUMP PLUNGER ASSEMBLY



SPRAYING TIPS

- Start at top and work down - Do banisters first. Maintain a fine mist. (Brush out any drips or runs).
- After covering 30 ft. or so, check for puddles. Where needed, back brush with the grain using a push broom or brush.
- Use drop cloths to protect plants, house, etc.

Gilmour Manufacturing Co.
P.O. Box 838, Somerset, PA 15501-0838
Parts Department
(800) 852-2723
Customer Service
(800) 458-0107 (814) 443-4802

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