

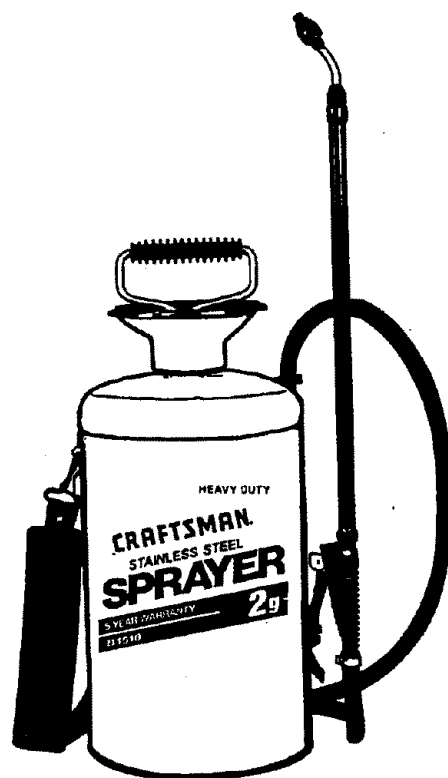
SEARS owner's manual

MODEL NO.
786.15160

CAUTION: For safe use of this product read and follow all instructions before use.

- Operating Instructions
- Repair Parts

MODEL NO.	CAPACITY
786.15160	2.0 Gallon



CRAFTSMAN® FUNNEL TOP STAINLESS STEEL SPRAYER 2.0 Gallon Model

WARNING: Do not use chlorine or chlorine based solutions in stainless steel sprayers due to chemical attack.

Sears, Roebuck and Co.
Hoffman Estates, IL 60179 U.S.A.



RULES FOR SAFE OPERATION



- Always read Owner's Manual before using sprayer.
- Always wear protective goggles, gloves, and clothing.
- Never spray flammable materials.
- Always read and follow chemical container label instructions before use.
- Never leave sprayer in the sun.
- Always release pressure in sprayer before disassembling.
- Never store material in tank.
- Always release pressure, empty and clean sprayer after use.
- Never modify sprayer from original condition.



WARNING

IMPROPER USE OR FAILURE TO FOLLOW INSTRUCTIONS CAN RESULT IN EXPLOSION CAUSING MAJOR INJURY. FOR SAFE USE OF THIS PRODUCT YOU MUST READ AND FOLLOW ALL INSTRUCTIONS BEFORE USE.

PRE-USE SPRAYER SAFETY INSPECTION:

1. Check tightness of hose clamp with screwdriver to be sure hose is securely attached to the tank outlet nipple.
2. Inspect hose for deterioration, cracks, softness or brittleness. If any of these conditions are found, replace hose before using. Replace with original manufacturer's parts only.
3. Remove pump (SEE PRESSURE RELEASE INSTRUCTIONS)
4. Inspect interior and exterior of tank for signs of deterioration (i.e. rust, cracks, bubbling and/or pitting) of body and bottom. Any sign of deterioration indicates possible tank weakening and could result in explosive bursting under pressure. If any of these signs are found, DISCARD TANK IMMEDIATELY AND REPLACE.

CAUTION: Do not attempt to patch leaks, etc. as this could result in serious injury.

5. For pressure testing or to become familiar with sprayer use, **use water only**, and follow steps 1,2,5,6 and 7 of FILLING INSTRUCTIONS.
6. Once unit is filled with water, inspect for leaks by following PRESSURIZING INSTRUCTIONS, except that in step 2, only pump plunger 8 to 10 strokes.
7. After inspection is completed, pump plunger until it works hard and lock handle.
8. (FOLLOW SPRAYING INSTRUCTIONS) to verify desired spraying patterns and practice spraying.
9. To release pressure (SEE PRESSURE RELEASING INSTRUCTIONS)
10. Empty tank.
11. Proceed with filling, pressurizing and spraying instructions with desired chemical solution.



WARNING

NEVER SPRAY FLAMMABLE MATERIALS. ALWAYS READ CHEMICAL LABEL BEFORE FILLING SPRAYER AS SOME CHEMICALS MAY BE HAZARDOUS WHEN USED WITH THIS SPRAYER.

FILLING INSTRUCTIONS:

1. To engage handle in lock position: Push handle down to completely compress spring. Rotate handle 1/4 turn clockwise. Allow handle to raise into the lock position.
2. To remove pump engage handle in locked position and turn pump handle counterclockwise.
3. Prepare spray solution following directions on chemical container label.
4. Strain solution to remove foreign particles which can clog sprayer nozzle.
5. Fill tank to indicated or desired usable capacity, leaving remaining space for compressed air (SEE FRONT PAGE OF MANUAL FOR THE MAXIMUM USABLE CAPACITY).
6. Check pump barrel to be sure no dirt or grass is stuck to barrel.
7. Place pump into tank opening and rotate clockwise until tightly locked and sealed into tank opening.

PRESSURIZING INSTRUCTIONS:

CAUTION: To prevent ejected pump assembly and/or solution from striking and injuring you, **never stand with face or body over top of tank when pumping or loosening pump.** Never pressurize sprayer by any means other than the original pump.

1. Disengage handle from locked position by pushing down and turning 1/4 turn counterclockwise to release handle.
2. TO PRESSURIZE TANK, pump plunger up and down until it works hard.
3. Engage handle in lock position.



WARNING

THIS SPRAYER IS NOW UNDER PRESSURE AND DANGEROUS.

SPRAYING INSTRUCTIONS:

1. Always wear protective goggles, gloves; long sleeve shirt, long pants and sturdy foot protection.
2. Point nozzle away from you.
3. Squeeze shut-off handle to open and adjust nozzle to desired spray pattern by rotating nozzle cap (not complete nozzle) clockwise from fine spray to solid stream (maximum 2 turns).



WARNING

TURNING NOZZLE CAP TOO FAR WILL RESULT IN CAP FLYING OFF ALLOWING SPRAY MATERIAL TO SPRAY BACK ON YOU. Re-pump unit as required to maintain spray force.

CAUTION: Do not leave a pressurized sprayer in the hot sun. Heat can cause pressure build-up.

PRESSURE RELEASE INSTRUCTIONS:



WARNING

To safely release pressure in tank and avoid possibility of injury, Completely follow steps 1 through 4 AS LISTED BELOW:

1. Place unit on its side with top directed away from you and with hose outlet on top.
2. Direct nozzle away from you and open shut-off allowing spray solution in discharge assembly and remaining air pressure to be completely exhausted.
3. Turn sprayer upright.
4. Remove pump (FOLLOW STEPS 1 and 2 OF FILLING INSTRUCTIONS) while maintaining position of top of sprayer directed away from you.

CLEANING SPRAYER AFTER USE:

1. Rinse tank thoroughly with clear water.
2. Empty tank.
3. Refill tank with clear water.
4. Check pump barrel to be sure no dirt or grass is stuck to barrel.
5. Place pump into tank opening and rotate clockwise until tightly locked and sealed in tank opening.
6. Disengage handle from locked position by pushing down and turning 1/4 turn counterclockwise to release handle.
7. Pump plunger up and down 8-10 strokes.
8. Open shut-off and allow water to run through to clean discharge assembly.
9. Release pressure (FOLLOW PRESSURE RELEASE INSTRUCTIONS).
10. Remove pump.
11. Empty sprayer.
12. REPEAT STEPS 1-11 IF NECESSARY.

SPRAYER MAINTENANCE:

1. Pump should be periodically oiled by dropping 10-12 drops of light oil down pump rod, through opening in cover.
2. If nozzle clogs:
 - a. Remove complete nozzle assembly.
 - b. Disassemble nozzle.
 - c. Clean openings of any obstructions.
3. Never use any tool to remove pump if there is pressure in sprayer.
4. Periodically remove nozzle and extension tube from shut-off. With shut-off discharge hole pointing upward, place 6-8 drops of light oil into discharge hole, then activate lever.
5. For shut-off maintenance see drawing on following page.

SPRAYER STORAGE:

1. Sprayer tank should be stored upside down, with pump removed, in a warm dry location.
2. Do not store or leave any solution in tank after use.

CAUTION: Use only Sears parts to repair this product.

Replacement Parts and Optional Accessories

SEARS SPRAYER MODEL 786.15160

1625 OPTIONAL NOZZLE KIT	1607 REPLACEMENT PARTS KIT	1626 REPLACEMENT EXTENDABLE WAND
<p>RED TIP 1/4 GPM</p> <p>BLUE TIP 1/3 GPM</p> <p>YELLOW TIP 1/2 GPM</p> <p>NOZZLE BASE</p> <p>O-RING</p> <p>FILTER FILTER HOUSING</p>	<p>CHECK VALVE GASKET</p> <p>DIAPHRAGM O-RING</p>	
<p>Also available - #2-1457-16 Operating Instructions and Parts List for: 786.15160</p>		

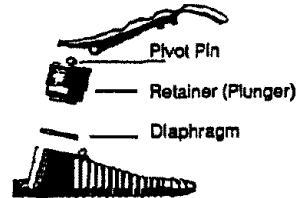
HOW TO ASSEMBLE AND DISASSEMBLE SHUT-OFF ASSEMBLY FOR MAINTENANCE

1. To remove lever, lift up on rear of lever until lever snaps off pivot pin.



2. Use handle as wrench to turn retainer counterclockwise and lift out.

Turn wrench on handle clockwise to seal after cleaning.

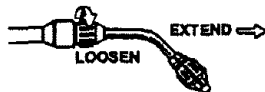


3. To replace lever, position forked end of lever under head of plunger and push down until lever snaps onto pivot pin.



WARNING:

Please read instructions below before using the extendable wand.



TO EXTEND EXTENSION - Grasp locking nut and turn counter-clockwise until loose. Pull brass tube up to desired length and re-tighten locking nut by turning clockwise until tight. DO NOT USE TOOLS AS THIS WILL DAMAGE EXTENSION.

TO RETRACT EXTENSION - Grasp the locking nut and turn it counter-clockwise until loose. Push the brass tube down into the base tube to desired length (CAUTION: POINT THE NOZZLE IN A SAFE DIRECTION. IF THE EXTENSION HAS FLUID IN IT THE FLUID WILL SPRAY OUT OF THE NOZZLE WHEN PUSHING THE BRASS TUBE DOWN, POSSIBLY CAUSING IT TO SPRAY ON YOU. YOU CAN ELIMINATE THIS BY REMOVING THE EXTENSION FROM THE SHUT-OFF AND ALLOWING THE FLUID TO DRAIN.) Re-tighten the locking nut by turning it clockwise to hold brass tube in position.

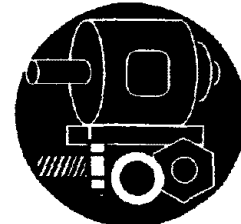


TROUBLE SHOOTING

Trouble	Look For	Remedy
Sprayer leaks at tank opening.	<ol style="list-style-type: none"> 1. Sediment or foreign particles on surface of pump gasket or closure surface. 2. Chipped, torn, swollen or defective pump gasket. 	<ol style="list-style-type: none"> 1. Clean all foreign particles from pump gasket and closure surface. 2. Remove old gasket and replace with new.
Spray material overflows through pump barrel or pump handle rises when handle is unlocked.	<ol style="list-style-type: none"> 1. Sediment or foreign particles under check valve. 2. Chipped, torn, or swollen pump check valve. 	<ol style="list-style-type: none"> 1. Remove pump, clean check valve and pump valve seat. 2. Replace if necessary.
Hose leaks at tank.	<ol style="list-style-type: none"> 1. Loose hose clamp. 2. Cracked hose. 	<ol style="list-style-type: none"> 1. Tighten hose clamp. 2. Replace hose.
Poor spray pattern, partial spray or complete stoppage.	Spray extension, nozzle, or shut-off plugged.	<ol style="list-style-type: none"> 1. Remove nozzle and clean. 2. Remove extension and clean. 3. Depressurize tank, remove lever and unscrew retainer from shut-off. Remove rubber diaphragm and clean inside of shut-off. See assembly and disassembly diagram on previous page.
Hose leaks at shut-off.	Swollen, split or faulty hose.	Replace hose.
Sprayer pumps hard.	Plunger cup dry.	Oil plunger cup.
Sprayer does not compress air.	Damaged plunger cup.	Replace unit.
Nozzle drips when spray control valve is shut-off.	Dirt in shut-off valve or worn out diaphragm.	Depressurize tank, remove lever and unscrew retainer from shut-off. Remove rubber diaphragm and clean inside of shut-off. Replace diaphragm if swollen or torn. See assembly and disassembly diagram on previous page.
Sprayer tank leaks.	Evidence of spray material escaping from tank.	Replace unit.
Outlet tube leaks.	When spray shut-off handle is opened, tank air pressure is released through nozzle before tank is empty.	Replace unit.

For the repair or replacement parts you need delivered directly to your home:

Call 7 am - 7 pm, 7 days a week
1-800-366-PART
 (1-800-366-7278)



HOW TO ORDER REPAIR PARTS

The Model Number will be found on back of tank.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Part Number 2. Part Description | <ol style="list-style-type: none"> 3. Model Number 786.15160 4. Name of Item - 2.0 Gallon Funnel Top Stainless Steel Sprayer |
|---|--|