Troubleshooting:

Issue	Possible Solution
Cannot adjust pressure.	Make sure that your engine is throttled up. The engine will only build a small amount of pressure at idle speed.
Have an uneven spray pattern.	Remove small strainers inside nozzle bodies and see if they are plugged. Next, remove the bowl on the line strainer to clean out screen. Finally, check the tip itself for small particles of debris or dried chemical.
My pressure drops when I use my boom.	It is common to expect a 5-10 pound pressure drop when boom is turned on. It is best to set your pressure while the boom is running to achieve the desired results.

Winterizing Instructions:

1. Empty the sprayer of water and chemical as thoroughly as possible, then run RV anti-freeze through the entire system. Usually two or three gallons is sufficient. Rule of thumb is: run enough anti-freeze until the spray becomes pink. Be sure to run it through all spray systems on your sprayer (boom and/or boomless system and spray wand).

2. Drain all gas from engine (if applicable) to prevent corrosion.

Should you need spare parts, spray tips or help with your sprayer please call us and we will do everything possible to help.

Thank you for purchasing a sprayer from F/S Manufacturing!

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OWNER'S MANUAL
F/S ATV SKID SPRAYER
for 50 or 100 Gallon Models

Included in this Manual:

1. Setup Instructions
2. Operating Instructions
3. Troubleshooting Guide
4. Winterizing Guide

a quality TRU-KLEEN product

Pre-Cautionary Items:

1. On Gas-Engine Units you must add oil before operation.
2. Do not run pump without water in sprayer - the seal in the pump was not designed to run dry.
3. Test your sprayer with water before filling chemical.

Remove All Items from Tank BEFORE setting up your sprayer.

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All Standard Sprayers Should Contain:

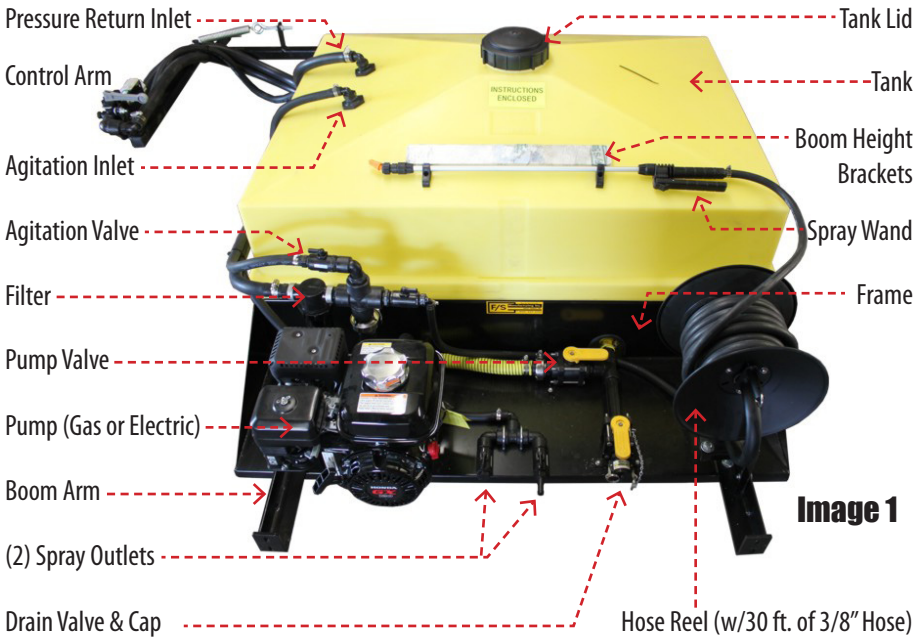
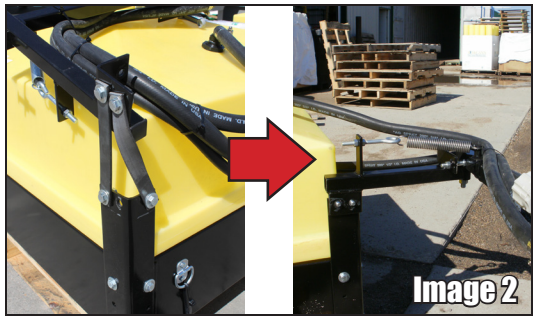


Image 1

Setup Instructions:

1. Remove the 4 bolts and 2 unpainted shipping braces on the control arm. The two 6" shipping braces may be discarded and there will be one extra set of nuts and bolts. Rotate arm to line up with three holes on the corner bracket then reinstall bolts and tighten. **See Image #2.**
2. Install the pressure gauge in the port next to the manual control valve, located on the control arm. **See Image #3.**
3. Slide sprayer inside the machine and secure down.


Image 2

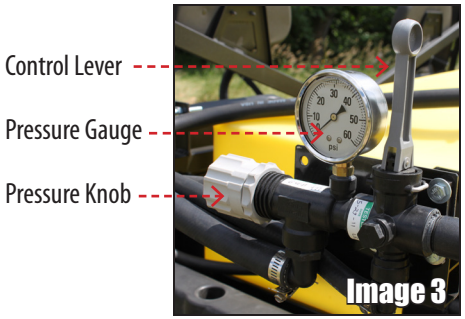
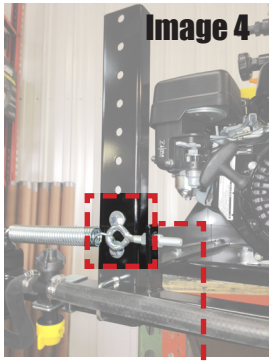


Image 3

(Setup Instructions...)


Image 4

3rd & 4th Holes

4. Attach the adjustable boom height brackets to the boom arms on the sprayer. The hardware is wrapped together with the brackets. Suggested boom height is typically achieved by using the third and fourth holes in the brackets. **See Image #4.**
5. Install Boom and/or Boomless assembly on appropriate brackets according to instructions in boom package. **Note:** Boom should not be positioned below 19" above the ground and Boomless Nozzles should not be positioned lower than 36" above the ground.
6. **Wet Test Sprayer:** (a) With drain valve closed, put water only in the tank (25 gallons is plenty). (b) Open pump valve. (c) Prime the pump by opening agitation valve, running the pump at full throttle for 15-30 seconds, then closing the agitation valve. (d) Check for leaks - It is not uncommon for hose clamps to leak initially due to the clamps relaxing some from the initial position. Turn on boom and/or boomless system (See #4 below) and tighten clamps if any leaks appear.

Operating Instructions:

1. Fill Sprayer, close the drain valve, and open the pump valve to allow water to the pump.
2. Start engine or electric pump, and pressure should build on the gauge. **Note:** the gas engine units can build up to 50 lbs. of pressure, and the electric units can build up to 100 lbs. of pressure.
3. The easiest way to prime the pump is to open the agitation valve for 15-30 seconds.
4. The booms are operated by the gray lever next to the pressure gauge on the control arm. **See image #3.**
5. The pressure adjustment is done using the gray knob on the control arm **(Image 3)**. Loosen the jam ring next to the knob and turn the knob to adjust the pressure; then tighten the jam ring to lock in place. If the pressure will not adjust; back off adjusting nut completely and re-tighten until desired pressure is reached. **Note:** the TeeJet dripless nozzle bodies will not spray below 10 psi.
6. To drain unit see **Image 1** - Close Pump Valve, Remove Drain Cap & Open Drain Valve.
7. The filter screen should be cleaned periodically - loosen and tighten.
8. The tension of the control arm can be adjusted my moving the Eye-bolt **(Image 2)** in and out.