

Model No. 716-3EG-12} {Pump Kit For 300 Gal Sprayers
Model No. 716-3EG-34}
Model No. 718-3EG-12} {Pump Kit For 500 Gal Sprayers
Model No. 718-3EG-34}

ASSEMBLY / OPERATION INSTRUCTIONS / PARTS

GENERAL INFORMATION

The purpose of this manual is to assist you in operating and maintaining the pump kit. Please read it carefully as it furnishes information which will help you achieve years of dependable trouble free operation.

WARRANTY / PARTS / SERVICE

Your authorized dealer is the best source of replacement parts and service. To obtain prompt, efficient service, always remember to give the following information:

1. Correct part description and part number.
2. Model Number of your sprayer.
3. Serial Number.

Part description and part numbers can be obtained from the illustrated parts list section of this manual.

Whenever you need parts or repair service, contact your distributor/dealer first. For warranty work always take your original sales slip, or other evidence of purchase date, to your distributor/dealer.

TECHNICAL SPECIFICATIONS

- Hoses, fittings, clamps and control valves for plumbing systems.
- Pump to be chosen by customer and is not included with this pump kit.

ASSEMBLY INSTRUCTIONS

1. Join the suction fitting (Ref. 17) and the pressure fitting (Ref. 16) to the pump. Refer to the exploded view drawing and the parts list.
2. Thread the suction line fittings into the large fitting in the tank sump. Thread the ell barb fitting (Ref. 8) into the remaining fitting in the tank sump.
3. If agitators are not going to be used, thread a 3/4" nylon plug into the tank end fittings; otherwise refer to the agitator instructions.

4. Mount the strainer and valve assembly to the center of the boom top cross bar. Use the (2) backing plates and bolt hardware (Ref. 28) for the 1357 or 1200 Series boom. The (3) ell fittings (Ref. 6) which protrude from the solenoid valves should be located on the front side of the boom. If a 257 Series boom is being used then mount the strainer and valve assembly to the appropriate valve mount.

5. Join the tank suction fittings and the pump suction fittings with the 1-1/4" hose. Secure in place with hose clamps (Ref. 18). If the hose is cut too long, cut to the desired length, but allow enough hose to cover the length needed when raising the three point hitch if applicable. It is best to mount the boom, carrier, and pump to the tractor when determining the hose lengths.

6. Measure the distance from the pressure line fittings in the pump to the ell barb (Ref. 8) by the nylon strainer. Use the 3/4" 1 braid hose x 16 ft long (Ref. 15), shortened if necessary. Join the fittings with the hose and secure with hose clamps (Ref. 9).

7. Measure the distance from the ell barb (Ref. 8) which extends from the pressure regulator to the ell barb in the tank sump. Use a piece of hose 8 Ft. long, (shorten if necessary) and join the fittings, securing with hose clamps.

8. Measure the distance from the center boom solenoid valve to the tee barb in the center boom nozzle line. Use a piece of hose (Ref. 13) to join the fittings. Secure with hose clamps.

9. Measure the distance from the left and right solenoid valve to the perspective tee barb located in the outer boom nozzle lines. Use hoses (Ref. 12) to join the fittings. Secure in place with hose clamps. It is best to do this when the booms are folded forward so that the hoses will be long enough when the boom folds.

10. Use (2) nylon ties to secure each of the outer boom feeder hoses to the boom support struts. This will prevent the hoses from dangling and snagging.

ASSEMBLY INSTRUCTIONS CONTINUED ON PAGE 4



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