

# CENTRIFUGAL PUMP KIT (Less Pump)

MODEL 716-M-12LP & 716-M-34-LP  
(5300032) (5300611)

MODEL 718-M-12-LP & 718-M-34-LP  
(5300303) (5300305)

## 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 pump kit.
3. Serial number.

Part numbers and descriptions 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 or 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. 7) and the pressure fitting (Ref. 24) 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.

3. If agitators are not going to be used, thread a 3/4" nylon plug into the tank fitting; otherwise refer to the agitator instructions.
4. Mount the tee valve and the strainer support bracket to the carrier valve mount using (2) 3/8" x 1-1/4" bolts, nuts and lock washers. Use (2) 1/4" x 1" bolts, nuts and lock washers to connect the strainer to the strainer support bracket. Pay attention to the direction of flow on the strainer. Attach the fittings and ball valve to the strainer as shown. Join the fittings to the tee valve as shown.
5. Join the tank suction fittings and the pump suction fittings with the 1-1/4" hose. Secure in place with hose clamps. 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 by the nylon strainer. Use the 3/4" - 1 Brd. hose x 6 Ft. long (Ref. 9), shortened if necessary. Join the fittings with the hose and secure with hose clamps.
7. Use the 3/4" - 1 Brd. hose x 18" long to join the strainer to the tee valve. Be sure that the hose does not kink. Secure the hose ends in place with hose clamps.
8. Measure the distance from the tee valve center hose fitting to the tee barb in the center boom nozzle line. Use a piece of hose (Ref. 20) to join the fittings. Secure with hose clamps.
9. Measure the distance from the tee valve left and right hose fitting to the perspective tee barb located in the outer boom nozzle lines. Use hoses (Ref. 21) 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. Shorten the hoses if they are too long. **Note:** The hoses extending from the left and right tee valve outlets must cross to feed the respective outer booms.
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.



by

