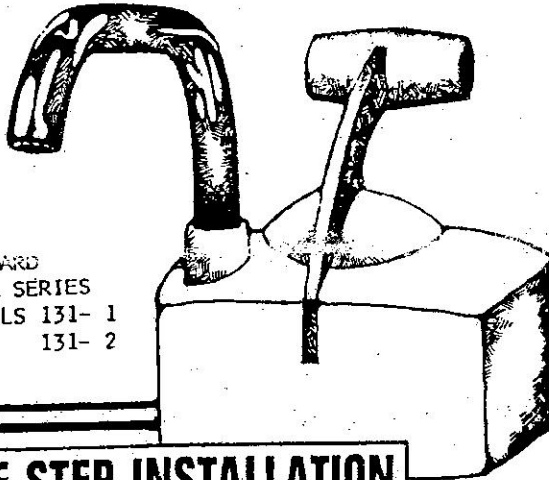
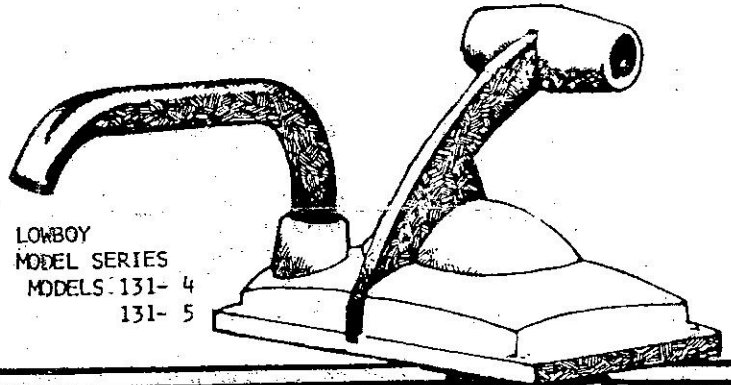


INSTALLATION AND OPERATION: HAND PUMP AND WATER FIXTURE

STANDARD
MODEL SERIES
MODELS 131- 1
131- 2



LOWBOY
MODEL SERIES
MODELS 131- 4
131- 5



FIVE STEP INSTALLATION

- 1 Determine the desired pump location and using the enclosed template, mark and drill the required holes.
 - 2 The city water line must go to the center (B) port only. Screw the fitting onto the male threaded port. CAUTION!! Do not over-tighten especially when using metal fittings.
 - 3 Either side port (A or C) may be used for the pump or for the electric pump line. Or you may plug the opening or openings not used.
 - 4 Use a tank filter (D) - to protect the check valves in the pump from foreign material.
 - 5 Following wiring procedure below, Cut the wire loop on the hand pump and bare the ends of the wire. Run a 16 gauge or heavier wire from the positive terminal of the battery to one of these wires. In this line we recommend a 3 amp fuse. From the remaining pump wire run another 16 gauge or heavier wire to the RED terminal on the pump motor. From the remaining motor terminal run 16 or heavier gauge wire back to the negative (ground) terminal of the battery.
- NOTE: Step five applies to models 131- 1 and 131- 4 only.

NO ABS CEMENT OR PIPE DOPE

Do not use ABS cement or pipe dope, it gets into the pump and causes premature failure or excess current consumption. Use Teflon tape if a seal is needed.

IMPORTANT

All factory installed plugs in A, B or C ports should not be removed. A & C ports in Model 131-1 are interchangeable.

12 VOLT DRY CELL

A simple 12 volt dry cell may be satisfactorily used in place of the car battery. Follow the same procedure for hook-up.

TROUBLE SHOOTING

Failure to prime

Look for leaks in input hoses crack tube. Loose fit of hoses on fittings. Add Clamps if necessary.

Pump runs backward

Pump may be running backwards due to Reversal of polarity.. switch motor wires Right to left

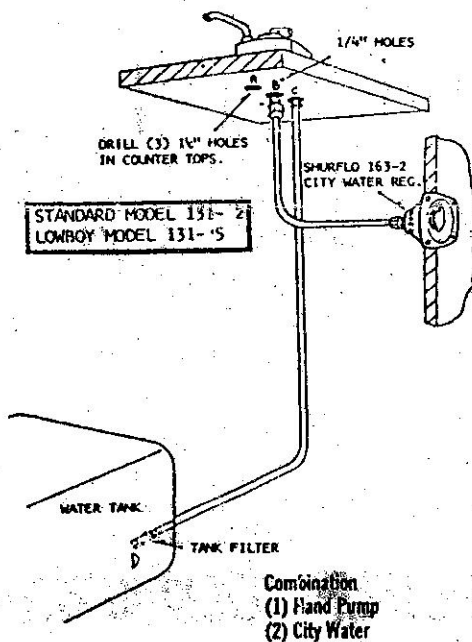
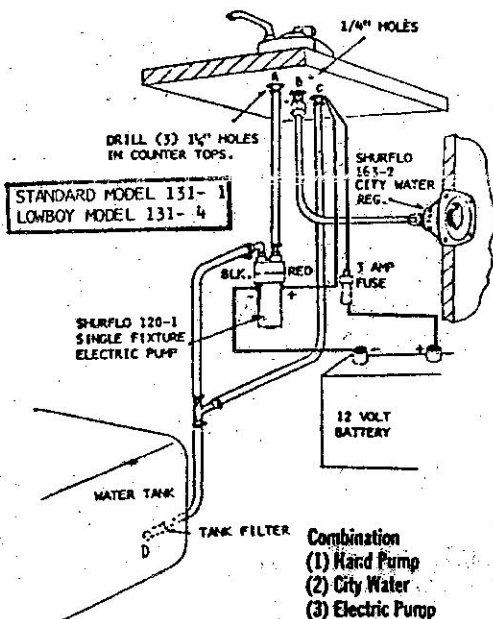
Electric pump does not pump

Air leaks in the inlet supply line. Correct as under failure to prime above.

REPAIR KIT

Leisure Components has a repair kit for your hand pump. With use of the repair kit your hand pump is restored to almost new condition. The kit includes all gaskets, plungers and seals to rebuild your faucet. Ask your dealer for the #199-9 Repair Kit or write for pricing to:

Leisure Components
16730 Gridley Road
Cerritos, CA 90703-1730



P/N 84-047C

WARRANTY PROCEDURE

Leisure Components warrants its pump to be free of defects in work and materials for one year beginning with the purchase date of the coach or in the absence of proof of the purchase date then one year from the date of manufacture as shown on the pump.

Each and every pump has been operated and tested before being shipped from the LC factory. In the event you feel the pump is not operating correctly we suggest:

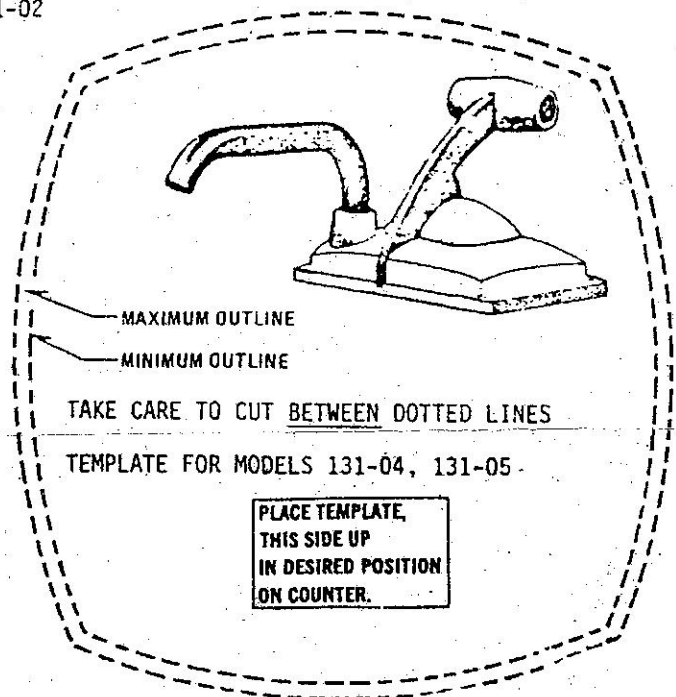
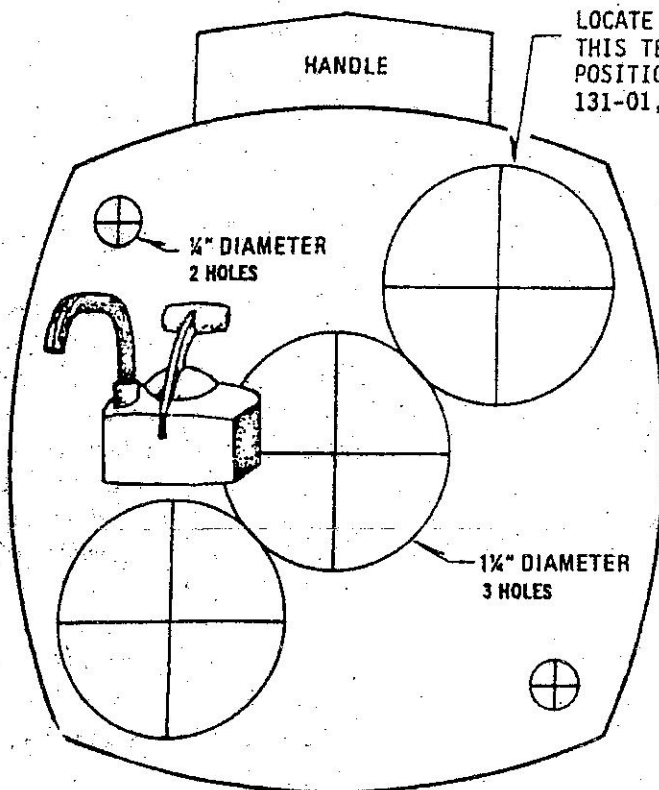
You communicate with the LC factory by phone or letter. You will be asked to return the pump to the factory. (562) 924-5763. No collect phone calls will be accepted.

Upon inspection, if the pump itself is found to be faulty, the pump will be repaired or replaced. During the warranty period there will be no charge for parts or labor used in the repair of the pump. However, we have no control over the location of the pump in the coach, how it is installed, nor its accessibility for repair. There may be a charge for removal and reinstallation of the pump. We are not responsible for such charges.

If you wish to repair the pump yourself you may do so without voiding the warranty provided you use LC parts and assemble the pump correctly.

Or, you may send the pump to us for prompt repair. Package it carefully to avoid shipping damages. Enclose your name and address, the date of purchase of your coach and the Brand name of the coach - plus \$7.00 for return postage. We will process the pump and have it sent back promptly to you.

The above represents our limited warranty policy. Under no circumstances will we accept responsibilities for unauthorized expenditures.



Another product of

LEISURE COMPONENTS

16730 Gridley Road • Cerritos, CA 90703 • (562) 924-5763 • FAX (562) 924-0846