

Pump Head Replacement for *Solar Slowpump* or *Flowlight Booster Pump*

Remove your original pump head by loosening only the three bolts that hold it. Remove the coupler half from the old pump's shaft. You will need a 1/8" allen wrench.

Bolt the replacement pump to the round plate, and tighten it's three bolts. Re-tighten the coupler. Be sure there is a small gap between the metal coupler halves -- about 1/16 inch (2mm).

The shafts must be aligned or the coupler will bind, causing friction, more power draw, and coupler wear. If you did not loosen the four outer bolts that hold the round plate to the motor, then you have maintained the original alignment, and can skip the next paragraph.

If you did loosen the four outer bolts you need to realign the shafts as follows: Replace the four bolts, with their flat washers, but leave them loose. **BEFORE** installing the pump, drop a teaspoon of water into the inlet and run the pump (on 12 volts is OK for the 24v pumps). With the motor running, slide the plate around so it settles into the position where there is **NO VIBRATION**, then tighten the bolts firmly.

Do not use iron pipe fittings on your pump, or in the intake plumbing. **Do not get any dirt in it.** Rust and dirt particles will cause immediate damage to your pump.

Safety Screen: If your order includes a new safety screen, it fits into the 3/4" brass reducer fitting originally supplied with your pump. Push it into the intake fitting.

Label: If your pump has an old name and address on it, please apply the enclosed adhesive label to bring it up to date.

Return Shipping: If this is a REBUILD-EXCHANGE, please return your old pump head to the above address. UPS shipment is preferable. If you disassembled your pump, you may return it in pieces -- No need to reassemble it.

Other Items you may order directly, or through your dealer:

Instruction Manual for your pump: If you don't have this important component, order for any future troubleshooting. 16 pages. \$5 post-paid.

Motor Brushes: Your motor will stop without warning when the brushes wear down. See your Instruction Manual for advice on how to check brushes for wear. Motor brushes are \$20/pair, postage or UPS-paid. Specify your motor voltage when ordering.

Filter Cartridges: high capacity fiber-wound (best kind) 10-micron grade --
9 7/8 inch for the inline filters \$14 for pack of 2
30 inch for the intake filter/foot valve \$44 for pack of 3 UPS-paid

Spare Pump Head

1300-series Slowpump \$131 2500-series Slowpump or Booster P. \$193 UPS-paid

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Solar Water Pump Manufacturing
Since 1983

