



# Pump Head Repair and Replacement

## Conergy Slowpumps and Booster Pump (AKA Dankoff or Flowlight Pumps)

Conergy Slowpumps and Booster Pumps use highly efficient Procon pump heads, which are long lasting (10+ years) when installed properly. They require 10 micron, low resistance filtration on the inlet side.

Typical causes of premature failure include:

- | Cavitation - the symptom is a loud buzzing noise
- | Excessive vertical lift in system
- | Sediment
- | Mineral deposits
- | Hard freezes

Download the Slowpump/Booster Pump Installation & Service Manual for design assistance and troubleshooting help.

[http://www.conergy.us/desktopdefault.aspx/tabid-161/230\\_read-1873/](http://www.conergy.us/desktopdefault.aspx/tabid-161/230_read-1873/)

## Pump Head Replacement

### Tools Required:

- | Two 7/16" open end wrenches
- | 1/8" hex (allen) wrench

**Remove the original pump head** by loosening **only** the three bolts that hold it. **Do Not** loosen the four hex head outer bolts! Remove the coupler half from the old pump's shaft.

**Bolt the replacement pump** to the round plate, and tighten the three bolts. Retighten the coupler, ensuring the rubber "spider" is captured between the two couplers. Be sure there is a small gap between the metal coupler halves -- about 1/16 inch (2mm).

**NOTE:** If you loosened the four hex head outer bolts or if you have replaced the motor, you must **realign** the shafts or the coupler will bind, causing friction, increased power draw, and coupler wear. Replace the four bolts, but leave them finger tight. **BEFORE** re-installing the pump, drop a teaspoon of water into the inlet and 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 intake plumbing. **Flush out any dirt** or grit from intake plumbing. 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.



## **Pump Head Repair**

Procon pump heads are repairable. Contact:

Edco Service Center  
8220 Belvedere Ave, Suite F  
Sacramento, CA 95826  
(800) 559-0415

Conergy 1300 series Slowpump heads  
(Procon Series 1): approx. \$45 flat fee

Conergy 2500 series Slowpump heads and all Booster Pump heads  
(Procon Series 4): approx. \$75 flat fee

There is no charge if the head cannot be repaired.  
Edco provides a 1 year warranty on rebuilt heads.

## **Other Items you may order through your dealer:**

### **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. Specify your pump model and motor voltage when ordering.

### **Filter Cartridges**

High capacity, low resistance 10-micron filters chosen for best performance.

10" Filter Assembly Kit (canister and one filter), order part# DSP-11033

10" Filter Replacement Cartridge 2-Pack, order part# DSP-11034

30" Filter and Foot Valve Assembly, plus spare 30" filter, order part# DSP-11035

30" Filter Cartridges 3 Pack, order part# DSP-11036

### **Spare Pump Heads**

#### **1300-series Slowpump**

1322 Pump Head, order part# DSP-02004

1310 Pump Head, order part# DSP-02003

1308 Pump Head, order part# DSP-20000

1304 Pump Head, order part# DSP-02001

1303 Pump Head, order part# DSP-02005

#### **2500-series Slowpump or Booster Pump**

2505 Pump Head, order part# DSP-02006

2507 Pump Head for Booster Pump or Slowpump, order part# DSP-02007

### **Installation and Service Manual**

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