

## *Dankoff Solar Slowpump® and Flowlight® Booster Pump*

### 2010 UPDATE to the INSTRUCTION MANUAL

There is NO CHANGE to the installation process.  
This bulletin applies only to maintenance and repair.

Our pumps have been improved, with a newly-designed motor and structure. The new version has a BLACK motor. The improvements are:

- The new motor is fully enclosed against debris.
- Delicate brush holders have been replaced with internal ones.
- Brush life is greatly increased, estimated at 10-20 years.
- The motors can now be considered maintenance-free.
- Wiring interface is improved.
- Pump head mounting is improved. No adjustment is ever necessary.
- Finger guards are added for safety. They snap off instantly for service.

In most cases, brush life will now match the economical service life of the motor.

Until we print a new instruction manual, please disregard the sections on brush replacement. Inspection or replacement now requires removal of the rear plate of the motor. DO NOT attempt to do this until you have received illustrated instructions (included with new brush kits). We feel that this is a reasonable trade-off to produce a more robust motor with longer brush life.

New (black) motors of ALL voltages now use the same brushes. The new version brushes are NOT interchangeable with old versions (silver motor).

To observe motor rotation or to turn the coupling by hand, remove one or more of the black plastic finger guards. Pry sideways, lightly, with a screwdriver to remove a finger guard.

A revised instruction manual will be available by request or by download from our web site in summer 2010.

