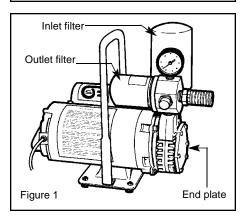
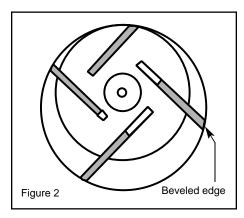
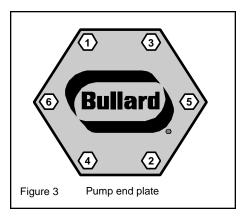


# **Repair Kit for EDP10 Free-Air® Pumps**

A WARNING A: UNPLUG MOTOR CORD BEFORE DIS-ASSEMBLING PUMP. FAILURE TO DO SO MAY RESULT IN ELECTRIC SHOCK OR PER-SONAL INJURY.







# Kit (Cat. No. 15921) ContainsQty.Cat. No.Description4Carbon vanes123611Inlet filter1S17101Outlet filter

#### **Carbon Vane Replacement:**

- 1. Remove the six bolts holding the end plate (See figure 1) to the body using a 3/16 inch hex key Allen wrench.
- 2. Remove end plate.
- 3. Remove the four used carbon vanes.
- 4. Brush off or blow to clean rotor assembly.
- 5. Inspect for rust and clean ifnecessary.
- 6. Install new carbon vanes. Be sure that the beveled edge faces the outside of the rotor. The flat edge should face the inside of the rotor. (See figure 2.)
- 7. Rotate rotor by hand. Rotorshould turn easily with no drag. If rotor drags, the pump may be damaged and may require factory repair. Contact our Customer Service Team at 800-827-0423 for assistance.
- 8. Reattach end plate with the six bolts. Hand tighten until snug.
- 9. Tighten using Allen wrench in order shown in figure 3.
- 10. Rotate shaft counter-clockwise using a screwdriver in slot on rear of motor. Rotation should be freewith only a slight drag.

### **Outlet Filter Replacement:**

- 1. Unscrew and remove aluminum jar labeled "Carbofine Outlet FilterCartridge".
- 2. Unscrew the wing nut and remove metal retainer.
- 3. Remove and replace the filter.
- 4. Sandwich the new filter (Cat. No. S17101) between the metal retainers and put it back into position. Replace the wing nut and tighten by hand. Do not overtighten.
- 5. Screw the aluminum jar labeled "Carbofine Outlet Filter Cartridge" back into place. Be sure the jar makes a tight seal.

## **Inlet Filter Replacement:**

- 1. Unscrew and remove inlet filter by turning counter-clockwise.
- 2. Replace with new inlet air filter (Cat. No. 23611) and tighten.

RECOMMENDED: REPLACE THE INLET FILTER EVERY 500 RUNNING HOURS, OR MORE OFTEN IF REQUIRED. REPLACE THE OUTLET FILTER CARTRIDGE EVERY 200 RUNNING HOURS OR MORE OFTEN IF REQUIRED.