

RAYPAK SERVICE INSTRUCTIONS

PROTÉGÉ CARTRIDGE FILTER SERIES RPCFP

KIT 018248F, MOUNTING HARDWARE FOR PUMP

KIT 018238F, CARTRIDGE FILTER BASE

IMPORTANT NOTICE: These instructions are for the use of qualified individuals specially trained and experienced in the installation and maintenance of this type of equipment and related system components. Installation and service personnel are required by some states to be licensed. Persons not qualified shall not attempt to install, service, or maintain this equipment.

DANGER – SHOCK HAZARD: Make sure electrical power to Pool Pump and heaters is disconnected to avoid damage to components, potential serious personal injury or death.

WARNING: Make sure water & power have been turned OFF before making any repairs or service to the unit.

Scope

These kits provide the parts required to replace the mounting hardware for the Protégé Line of pumps.

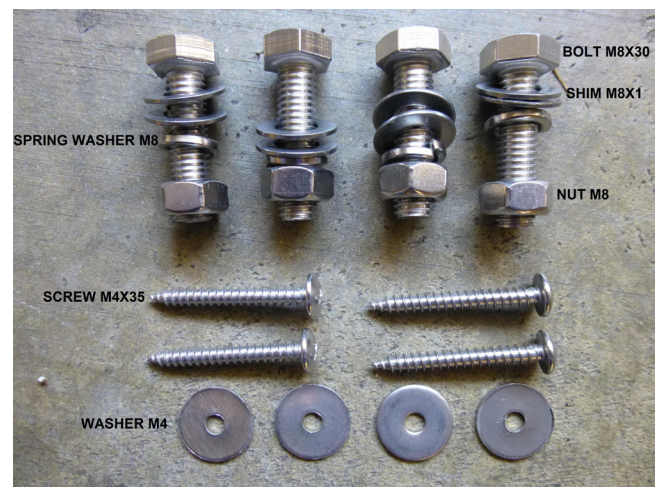
Required Tools

- Wrench (2)
- Phillips head screwdriver

Kit Parts

| Kit | Parts Provided |
|---------|--|
| 018248F | (4) Bolt Hex Head M8x30 304 SS (4) Spring Washer M8 304 SS (8) Shim M8x1 304 SS (4) Nut M8 304 SS (4) Screws M4X35mm SS (4) Washers M4 SS |

| Kit | Parts Provided |
|---------|--|
| 018248F | Cartridge filter base (image on next page) |



Replacing Pump Mounting Hardware

1. Turn off the electrical power at the Pump's power switch and/or unplug it at the receptacle.
2. Allow the pump motor to cool down before servicing the unit.
3. Close the water valves, if installed, to isolate pump and filter from the system.
4. Open the pressure relief valve to remove remaining pressure. Drain the filter tank and pump.
5. Remove the Union pipe assembly connecting the pump to the filter. Unscrew the unions or otherwise detach the hardware connecting the pool plumbing to the pump inlet and filter outlet.
6. Remove the existing screws that attach the filter to the base. Lift the filter up and away from the base and set aside.
7. Tilt the pump and base to the side to expose the hardware underneath. Remove the nuts from the four bolts holding the pump to the base, then remove the bolts. Lift the pump up and away from the base and set aside.
8. If you are replacing the existing base, remove the old base and position the new one appropriately. Place the pump in position on the base, making sure the mounting holes in the bracket align with the appropriate holes in the base.
9. Using one washer (shim) for each M8 bolt, insert the four bolts through the pump bracket and into the base.
10. Tilt the pump and base to the side, exposing the protruding bolts. Attach one additional washer (shim) to each bolt, followed by one spring washer each, and secure with nuts using two wrenches.
11. Reposition the base to its proper location and mount the filter to the base, securing with the supplied M4 screws and washers.
12. Reinstall the union pipe assembly between the pump outlet and the filter Inlet.
13. Reattach the unions or hardware joining the plumbing to the return port on the filter and the inlet port on the pump.

