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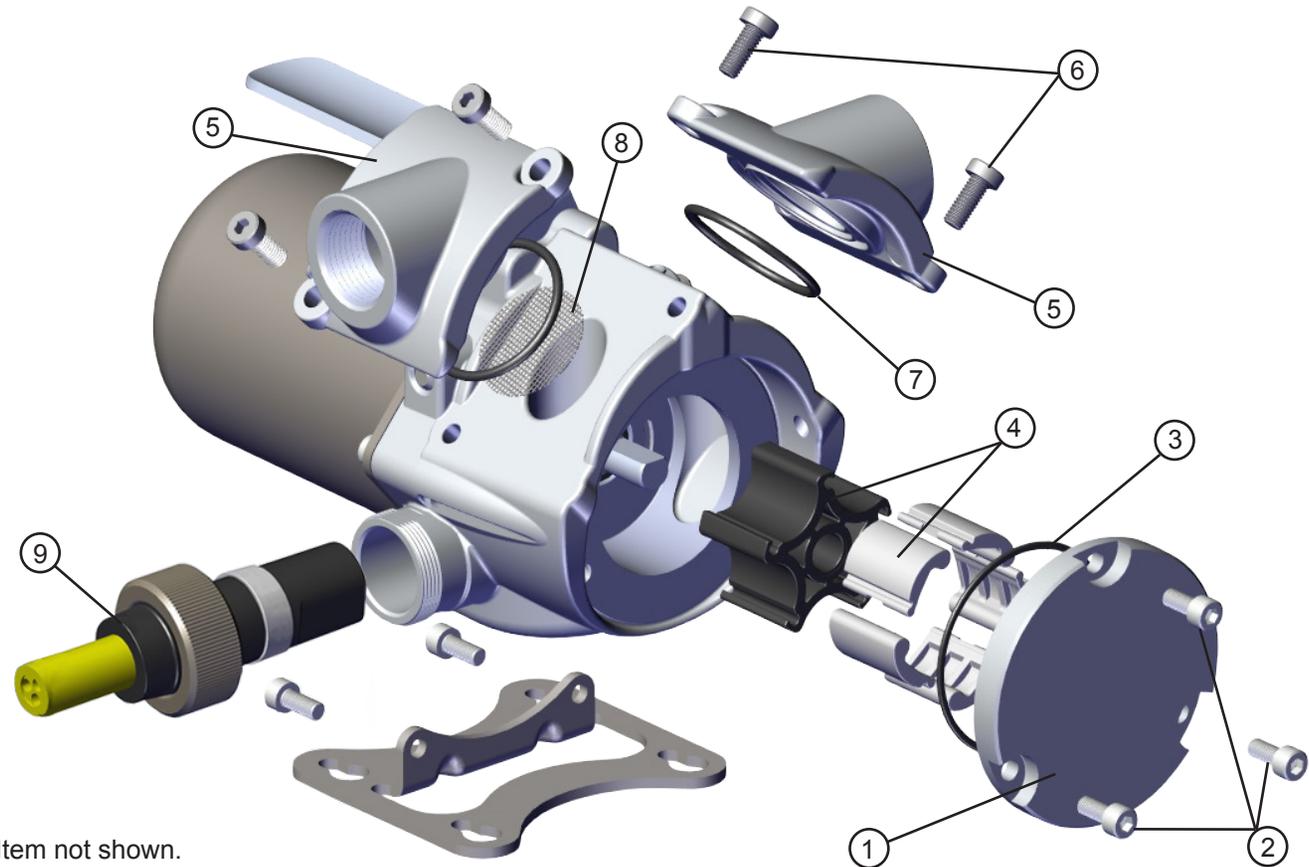
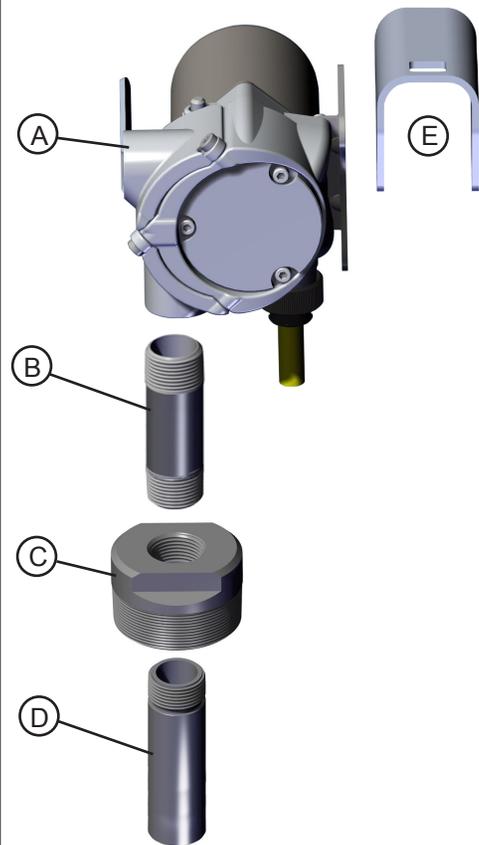
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RD Series Kits and Parts

Kit	Description	Parts
KIT812PC	Power Cable Kit	Quick Connect Power Cable Assembly (9) and Instructions*
KIT812RG	Rebuild Kit	Rotor & Vanes (4), Rotor Cover (1), Inlet Screen (8), Flange O-rings (7), Rotor Cover O-Ring (3), Flange Fasteners (6), Rotor Cover Fasteners (2), and Instructions*
KIT812FL	Single Flange Kit	Flange (5), Inlet Screen (8), Flange O-Ring (7), Flange Fasteners (6), and Instructions*
KIT812SL	Seal Kit	Inlet Screen (8), Flange O-rings (7), Rotor Cover O-Ring (3), Flange Fasteners (6), Rotor Cover Fasteners (2), and Instructions*
KIT812NH	Hose Kit	3/4" x 6' Suction Hose*, 3/4" x 8' Discharge Hose*, PTFE Tape*, and Instructions*
KIT812NP	Bung Mount Kit	Suction Tube (D), Bung Adapter (C), Nipple (B), Nozzle Boot (E), Nozzle Boot Fasteners*, PTFE Tape*, Instructions*

KIT812NP Bung Mount Kit



*Item not shown.

KIT812PC Instructions

Inspect power cable before each use! Damage to the outer jacket of the cable that exposes wiring requires replacement of the power cable. Install power cable by aligning flat on plug with front of pump. Insert the plug fully into the pump housing. Lock into place using the threaded collar. **HAND TIGHTEN ONLY!**

KIT812RG Instructions

KIT812RG includes the necessary rotor, rotor cover, vanes, and seals to rebuild the fluid handling section of the RD series pump.

1. Replace the flange O-ring seals and inlet screen following the KIT812FL instructions.
2. Remove rotor cover and attaching hardware.* Safely and appropriately discard the old rotor cover and attaching hardware.
3. Remove rotor and vanes from pump cavity. Safely and appropriately discard.
4. Install rotor into pump cavity. Take care to align flat in rotor with flat on motor shaft.
5. Install new vanes on new rotor (if vanes do not install properly, the rotor is installed backwards. Reverse the rotor on the motor shaft to correct this).
6. Install new rotor cover and seal using new attaching hardware and O-ring seal. Torque to 50 inch lbs. with a 4 mm hex wrench.*

KIT812FL Instructions

KIT812FL provides the necessary parts and O-ring seal to replace one flange.

To replace a flange, or change the position:

1. Remove the two socket head cap bolts holding the flange in position. Safely and appropriately discard the socket head cap bolts.
2. Remove the flange; safely and appropriately discard the flange.*
3. Position the new screen (inlet flange only) and new O-ring seal. Place the new flange in the desired position.
4. Use the two new socket head cap bolts to reattach the flange firmly to the pump housing. Torque to 50 inch lbs. with a 4 mm hex wrench.

KIT812SL Instructions

The KIT812SL kit includes the necessary seals and fasteners to rebuild the fluid handling section of the RD series pump.

1. Replace the flange O-ring seals and inlet screen following the KIT812FL instructions.
2. Remove rotor cover, O-ring seal, and attaching hardware. Safely and appropriately discard the O-ring seal and attaching hardware.
3. Install rotor cover using new attaching hardware and new O-ring seal. Torque to 50 in/lbs with a 4 mm hex wrench.

KITKIT812NP Bung Mount Kit

The RD series pump mounts to a tank or drum using the bung adapter. The suction tube threads into the bung adapter, and must be adjusted to a length that positions it within 3" from the bottom of the tank. The tank or drum must be vented. **Be certain the power switch is off and the power cord is disconnected from the pump and power source before proceeding.** Removal of the power cord from the pump simplifies installation by allowing it to be maneuvered during installation. Diagram on front page.

1. If so desired, change outlet configuration (A) for horizontal discharge (optional).* See **KIT812FL** instructions above for reconfiguration details.
2. Screw nipple (B) into pump inlet and tighten liquid tight (use appropriate sealant, or sealing tape, for the fluid being pumped).*
3. Screw other end of nipple into bung adapter (C) and tighten liquid tight (use appropriate sealant, or sealing tape, for the fluid being pumped).*
4. Screw threaded end (D) of the adjustable suction tube into the bottom of the bung adapter.*
5. Extend suction pipe into tank or barrel opening to within 3" of bottom of tank or barrel. **Do not** rest suction pipe on bottom of tank or barrel.
6. Thread bung adapter into tank or drum and tighten.
7. Install discharge hose; install nozzle or valve at the end of the discharge hose. All connections should be liquid tight. Nozzle or valve should shut off fluid tight to prevent siphoning when the pump is not in use (use appropriate sealant, or sealing tape, for the fluid being pumped).*

* Always examine sealing surfaces before reassembly to make sure they are clean and free of nicks, damage, debris, and will provide a fluid tight seal.