Stealth Pump Body Replacement Kit Instructions

FOR YOUR SAFETY: This product must be installed and serviced by a professional service technician, qualified in pool/spa installation. The procedures in this manual must be followed exactly. Improper installation and/or operation can create mechanical or electrical hazards which could result in death, serious injury or property damage. Improper installation and/or operation will void the warranty.

These instructions are to be used with the following Jandy Replacement Parts: R0445602-- Body Replacement Kit, California Pools (SHPF-CP/SHPM-CP)

⚠ WARNING

Before servicing the pump, be sure to switch off the circuit breaker to the circuit supplying power to the pump. Failure to do so could result in property damage, severe injury, or death.

Parts List	R0445602
Description	
Body, Pump	**1**
Instructions	**1**

1. Introduction

This procedure contains information for the proper replacement of the pump body on Jandy® Stealth Pumps. Refer to Figure 1 and the parts list to identify part(s) included in replacement kit.

These instructions must be followed exactly. Read through the instructions completely before starting the procedure.

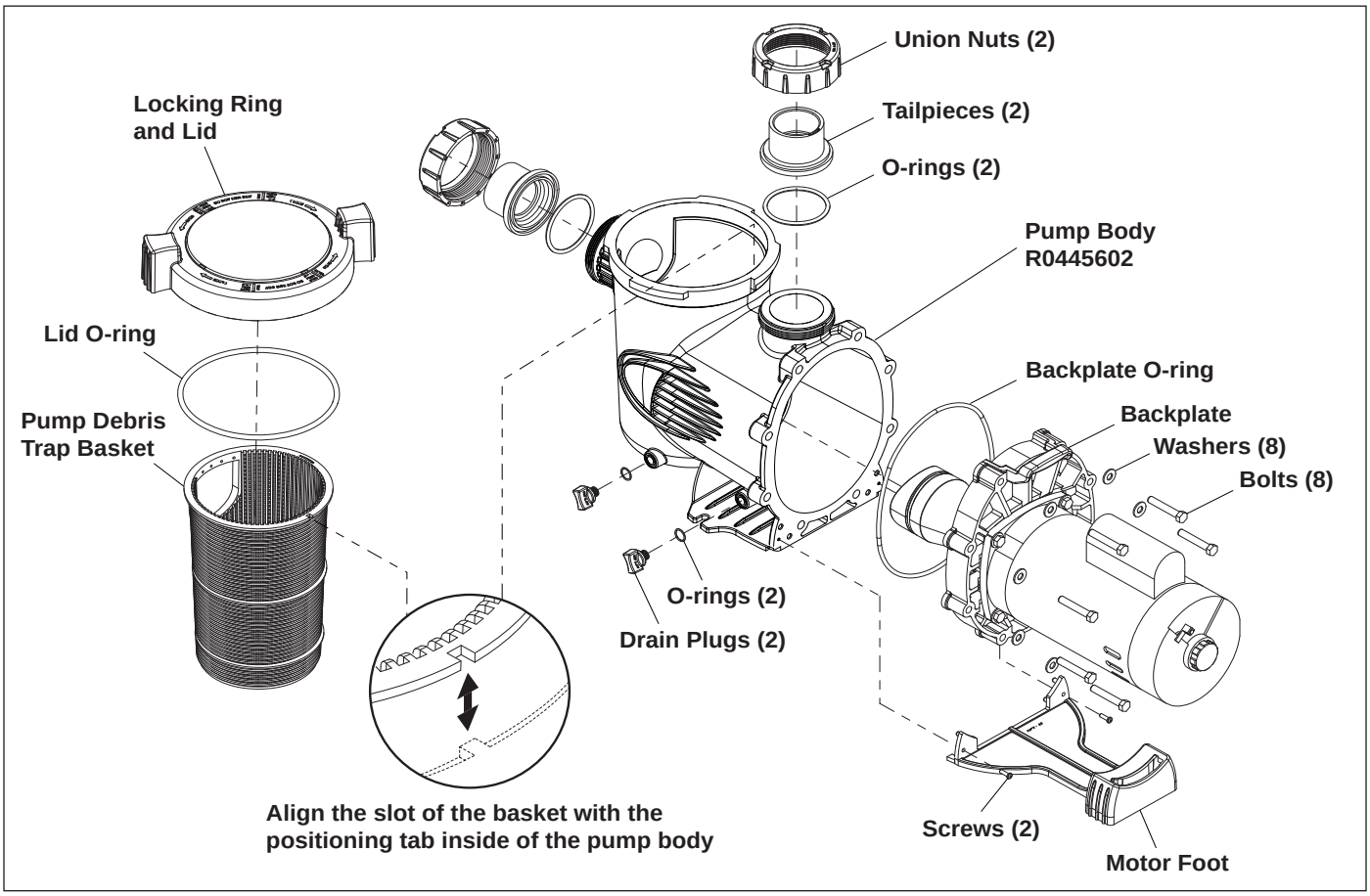

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Figure 1. SHPF-CP and SHPM-CP Exploded View

2. Pump Disassembly

2.1 Turn off the pump. Switch off the circuit breaker to the pump motor.

2.2 Close all necessary valves to prevent pool water from reaching the pump.

⚠ WARNING

Due to the potential risk of fire, electric shock, or injuries to persons, Jandy® Pumps must be installed in accordance with the National Electric Code, all local electrical and safety codes, and the Occupational Safety and Health Act (OSHA). Copies of the National Electrical Code may be ordered from the National Fire Protection Association, 470 Atlantic Ave., Boston, MA 02210, or contact your local government inspection agency.
In Canada, Jandy® Pumps must be installed in accordance with the Canadian Electrical Code.

2.3 Remove the drain plugs and o-rings to drain the water from the pump. See Figure 1.

2.4 Using a 9/16" wrench, loosen the eight (8) bolts connecting the pump body to the motor backplate.

2.5 Pull the motor with attached backplate assembly out of the pump body. Remove the backplate o-ring from the pump body.

2.6 Remove the two (2) Phillip head mounting screws the secure the motor mounting foot to the pump body assembly.

2.7 Unsnap the mounting foot and pull it straight out from the pump body assembly.

2.8 Remove the tailpiece, union nuts and o-rings from the inlet and outlet ports of the pump body. A spanner wrench can be used to aid loosening the union nuts.

2.9 Following the markings on the locking ring, turn the ring counter-clockwise until the ‘START’ markings align with the ports. Remove the locking ring/lid and lid o-ring.

2.10 Lift the pump debris trap basket out of the pump.

2.11 Remove the nuts and washers anchoring the pump to the equipment pad and remove the old pump body.

3. Pump Assembly

3.1 Place the new pump body into the now vacant corresponding position on the equipment pad. Anchor the new pump body to the equipment pad with the nuts and washers previously removed.

3.2 Before reinstalling the o-rings, check for debris around the o-rings and mating surfaces, as debris will cause air leaks into the system.

NOTE Great care must be used to keep the seal and mating parts clean.

⚠ WARNING

Trapped air in system can cause the filter lid to be blown off which can result in death, serious personal injury, or property damage. Be sure all air is out of system before operating.

3.3 Reinstall the drain plugs with o-rings onto the body, hand-tighten only. Do not exceed 18-20 in-lbs of torque.

3.4 Reinstall the o-rings into the groove of the tailpieces and hand-tighten the union nuts into the ports of the pump. **Do not use any tools to tighten the union nuts.**

3.5 Attach the motor mounting foot to the pump body assembly by snapping the mounting foot on the pump body assembly.

3.6 Secure the mounting foot using the two (2) Phillip head mounting screws. Do not exceed 25 in-lbs of torque.

3.7 Slide the motor and backplate assembly into the pump body.

3.8 Slide the diffuser into the inside centric hole of the pump body. While supporting the motor, start two screws on opposite sides. (This will hold the motor in position while you start the other six (6) screws).

3.9 Tighten the screws lightly in a crossing "X" pattern using a 9/16" wrench starting with the inner (middle) four (4), then the outer (top and bottom) four (4) to draw the backplate to the body in an even manner. Once all the screws are snug, tighten in the same order to 15 ft-lbs of torque.

3.10 Place the pump debris trap basket assembly into the pump body. Make sure that the slot of the basket is aligned with the positioning tab inside of the pump body. See Figure 1.

⚠ CAUTION
A misaligned basket will cause the lid to be improperly seated, allowing an air leak which could result in pump damage.

3.11 Fill the pump trap with water before starting the pump.

NOTE Before reinstalling the lid, check for debris around the lid o-ring seat, as debris will cause air leaks into the system.

⚠ WARNING
Trapped air in system can cause the filter lid to be blown off which can result in death, serious personal injury, or property damage. Be sure all air is out of system before operating.

3.12 Place the locking ring/lid onto the pump body. Following the markings on the locking ring, align 'START' markings with the ports and turn clockwise until 'LOCKED' markings align with the ports. Hand-tighten the lid. **Do not use any tools to tighten the lid.**

3.13 Return valves to proper position for normal operation. Open the filter pressure release valve in order to bleed air.

3.14 Once all air has been bled from the filter, close the pressure release valve.

3.15 Switch on the circuit breaker to the pump motor.

3.16 Turn on the power to the pump.

Notes

6000 Condor Drive, Moorpark, CA, USA 93021 • 707.776.8200 FAX 707.763.7785

For Technical Support call 707.776.8200, ext. 260

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