

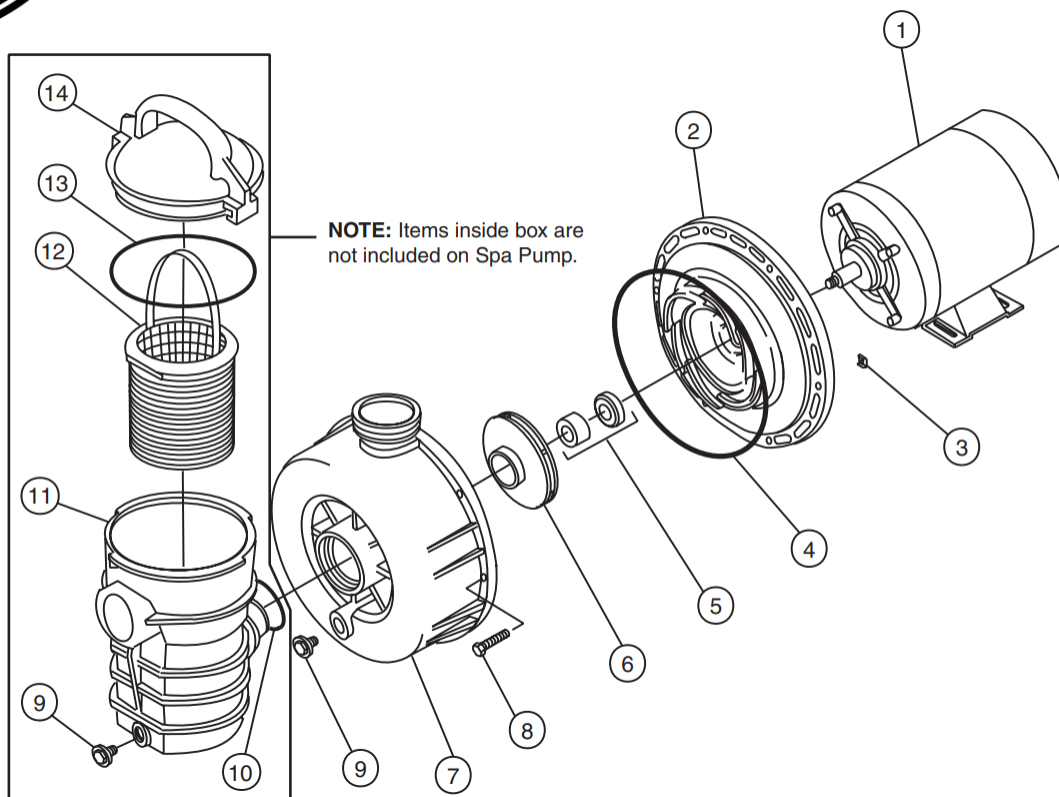


REBUILD KIT

COMPATIBLE WITH

PENTAIR®

Dynamite™/Dynamo™/Dynatron™/Triton™ Pumps



SHAFT SEAL CHANGE INSTRUCTIONS:



⚠ WARNING

IMPORTANT SAFETY INSTRUCTIONS PLEASE READ AND FOLLOW ALL INSTRUCTIONS When servicing electrical equipment, basic safety precautions should always be observed including the following. Failure to follow instructions may result in injury. **A. WARNING** – To reduce risk of injury, do not permit children to use this product. **B.** Disconnect all electrical power service to pump before beginning shaft seal replacement. **C.** Exercise extreme care in handling both the rotating and the stationary sections of the two-part replacement seal. Foreign matter or improper handling will easily scratch the graphite and ceramic sealing surfaces.

1. Stop pump and relieve system pressure.

2. Disconnect motor power at circuit breaker.
3. Close suction and discharge valves.
4. Use extreme care when handling the mechanical seal. The mating seal surfaces are polished and are easily damaged.
5. The mechanical seal can be changed without disconnecting piping by removing 6 bolts (see item 8 on page 15) and pulling the motor with pump bracket diffuser and impeller assembly away from front pump housing body.
6. Remove impeller and rotating portion of seal by holding motor shaft and rotating the impeller counter-clockwise when facing the shaft extension on the motor.
7. The rotating portion of the seal can now be removed from the impeller. Clean the impeller hub and lubricate with soapy water. Wipe off shining carbon sealing surface of new mechanical seal with a clean tissue to remove oily fingerprints or other foreign materials. The new rotating seal can be pressed back onto the impeller.
8. To remove the stationary ceramic seal seat, first loosen the four motor bolts which run through the entire length of the motor into the bracket diffuser. Remove the bracket diffuser from the motor. Press the ceramic seat and rubber gasket out of the bracket diffuser.
9. Clean the bracket diffuser seal area and lubricate with soapy water. Press the new ceramic seal and gasket into the bracket diffuser, being sure it is fully seated. Wipe off the ceramic sealing surface with a clean tissue to remove oily fingerprints or foreign substances.
10. Place the bracket diffuser on the motor and carefully align the four motor through bolts. Secure the housing onto the motor being careful not to over tighten the bolts. Gradually bring bolts up to final tightness by moving across diametrically and in a criss-cross pattern.
11. Screw the impeller with new rotating seal onto the motor shaft. Rotate the motor shaft to make sure the impeller is not touching the bracket diffuser.
12. Clean the bracket diffuser o-ring and check to make sure it is in position. Replace the motor and bracket diffuser on the front pump housing body and bolt into position with 6 bolts. Gradually bring bolts up to final tightness by moving across diametrically and in a criss-cross pattern.
13. Refer to initial start-up procedures to restart the pump, found in the pump manual.

THESE INSTRUCTIONS ARE FOR INFORMATIONAL PURPOSES ONLY. THE MANUFACTURER ASSUMES NO LIABILITY FOR ANY INJURY OR DAMAGE OF PROPERTY. ANY USE OF IMAGES, BRAND NAMES, OR LOGOS ARE FOR THE PURPOSES OF DEMONSTRATING COMPATIBILITY ONLY.

ALL PARTS ARE MADE IN THE UNITED STATES OR SOURCED FROM US SUPPLIERS.

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