1. Loosen the four or eight body bolts (depending on which assembly). Shift the bearing assembly position slightly to allow for any pressurized water to escape. Remove the body bolts.
2. Remove entire motor/seal-bearing-impeller assembly from body.
3. Remove impeller nut and impeller.
4. Remove old seal assembly. **NOTE:** For Bell & Gossett* seal assemblies, also remove the insert gasket and insert retainer with a screwdriver.
5. Clean shaft sleeve and insert recess thoroughly.
6. Install new cup and ceramic insert. (Do not drop or chip ceramic.) Lube O.D. of rubber cup with soapy water or light oil (DO NOT USE GREASE). On Pro-Fit® bearing assemblies A, B, C and D only, butt shaft inside of the bearing assembly with a wooden block to eliminate end play.
7. Moisten inner diameter of seal assembly with soapy water or light oil (DO NOT USE GREASE) and press down tightly on pump shaft. Carbon seal face **MUST** be tight against ceramic.
8. Replace impeller and impeller nut. Line up the keyways on the impeller and shaft carefully.
9. Clean the surfaces of the pump body and bracket and remove pieces of the old gasket. Install a new body gasket.
10. Fit the pump on the pump body and tighten capscrews evenly. Do not over-tighten.
11. Open the pump suction and discharge service valves. If the system was drained, close the boiler drain valve and then fill the system up to the correct pressure. Use standard industry practices to purge any free air.

> ⚠ **CAUTION:** Be aware that hot water leaks could occur. Pressurize the pump body slowly. Check for leaks at all gasketed joints. Failure to follow these instructions could result in property damage and/or moderate personal injury.

12. Vent any remaining air from the system at high point air vents installed in the system piping.
13. Reconnect electrical power to the boiler, pump and any related equipment. Return the system to normal operating conditions. Check the pump and the surrounding piping for evidence of leaking and correct as required.
14. Operate the system for a short period of time. Purge any additional air at a vent located at a high point in the system.

PERIODIC INSPECTION: Pro-Fit® replacement parts from Taco® are designed to provide years of trouble free service. It is recommended that periodic inspections are made to check for potential problems. If any leakage or evidence of leakage is present, repair or replace the unit.

For continued quality performance, use only Pro-Fit® replacement parts from Taco®.

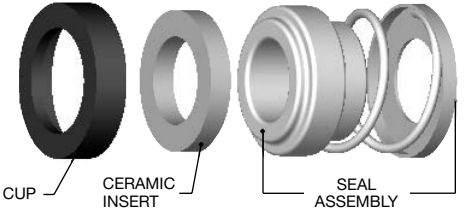
* A trademark of ITT Industries, Inc.

Taco® Comfort Solutions™ A Taco Group Company
Taco, Inc., 1160 Cranston Street, Cranston, RI 02920 | Tel: (401) 942-8000 | FAX: (401) 942-2360
Taco (Canada), Ltd., 8450 Lawson Road, Suite #3, Milton, Ontario L9T 0J8 | Tel: (905) 564-9422 | FAX: (905) 564-9436
Visit our web site: www.TacoComfort.com | Printed in USA | ©2015 Taco, Inc.

Taco® HIGH QUALITY REPLACEMENT PARTS
PRO-FIT®
Fits Bell & Gossett* And Armstrong* Pumps
*Both not affiliated with Taco, Inc.

102-125
Plant ID No. 001-3800
Supersedes: September 1, 2004
Effective: July 31, 2007

Replacement Seal Kit Instructions



⚠ **SAFETY INSTRUCTIONS:** This safety alert symbol will be used in this manual to draw attention to safety related instructions. When used, the safety alert symbol means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED! FAILURE TO FOLLOW THE INSTRUCTIONS MAY RESULT IN A SAFETY HAZARD.**

INSTALLATION INSTRUCTIONS:

> ⚠ **WARNING:** To prevent electrical shock and/or unintentional operation, shutoff the power supply before servicing. Electrical power to the boiler and any related equipment must also be disconnected. Failure to follow these instructions could result in serious personal injury or death.

> ⚠ **WARNING:** Check surfaces for high temperatures. Allow the pump/piping temperature to reach approximately 100°F before proceeding. Failure to follow these instructions could result in property damage and/or moderate personal injury.

> ⚠ **CAUTION:** To prevent water damage, close the service valves on the suction and discharge sides of the pump before proceeding. If no valves have been installed, it will be necessary to drain the system. To drain the system, close the pressure reducing valve which supplies water to the boiler. Allow the system to cool to approximately 100°F. Open the boiler drain valve. Be sure to take necessary precautions against water damage. Leave the drain valve open until servicing is completed. Failure to follow these instructions could result in property damage and/or moderate personal injury.