

# DESIGN ENVELOPE 4300, 4322, 4200H, 4302 & 4312 COUPLING KIT REPLACEMENT | INSTALLATION AND OPERATING INSTRUCTIONS

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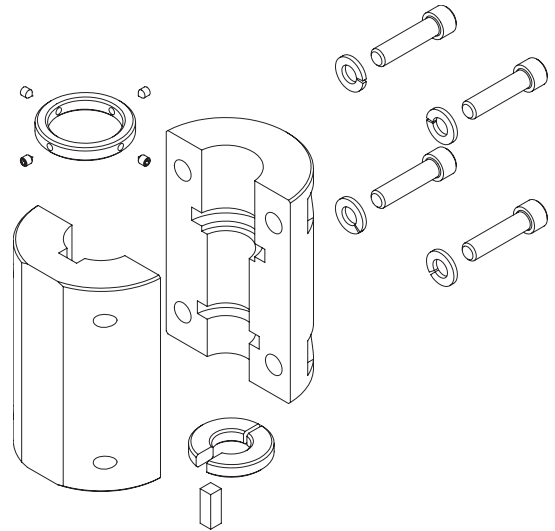
## CAUTION



Always disconnect power supply from motor before beginning service work.

- Remove the coupling guard to access the coupling bolts.
- Loosen off the seal collar set screws.
- Remove the coupling screws and lock washer and separate the coupling halves.
- Remove the motor shaft key and the pump shaft key.
- For easier coupling installation, motor and pump shaft keys should be 180 degrees from the working area. to automatically locate the impeller in the pump, insert the coupling screw allen wrench into positioning hole and lift pump shaft until the pump shaft collar is positioned in the coupling groove, then rotate shaft to locate the pump shaft key into blind keyway in coupling.
- Fit the motor shaft key and the pump shaft key then install the keyed coupling half first.
- Place the second coupling half into position and tighten the coupling screws.
- Snug fit the coupling screws and confirm even gap spacing between coupling halves, then firmly tighten coupling screws.
- Check the rotating assembly by rotating the coupling & rotation should be smooth without noise.
- Assemble the coupling guard.

**NOTE:** Care should be taken that the controls are not damaged during lifting and that the flush line, accessories and the coupling guard



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