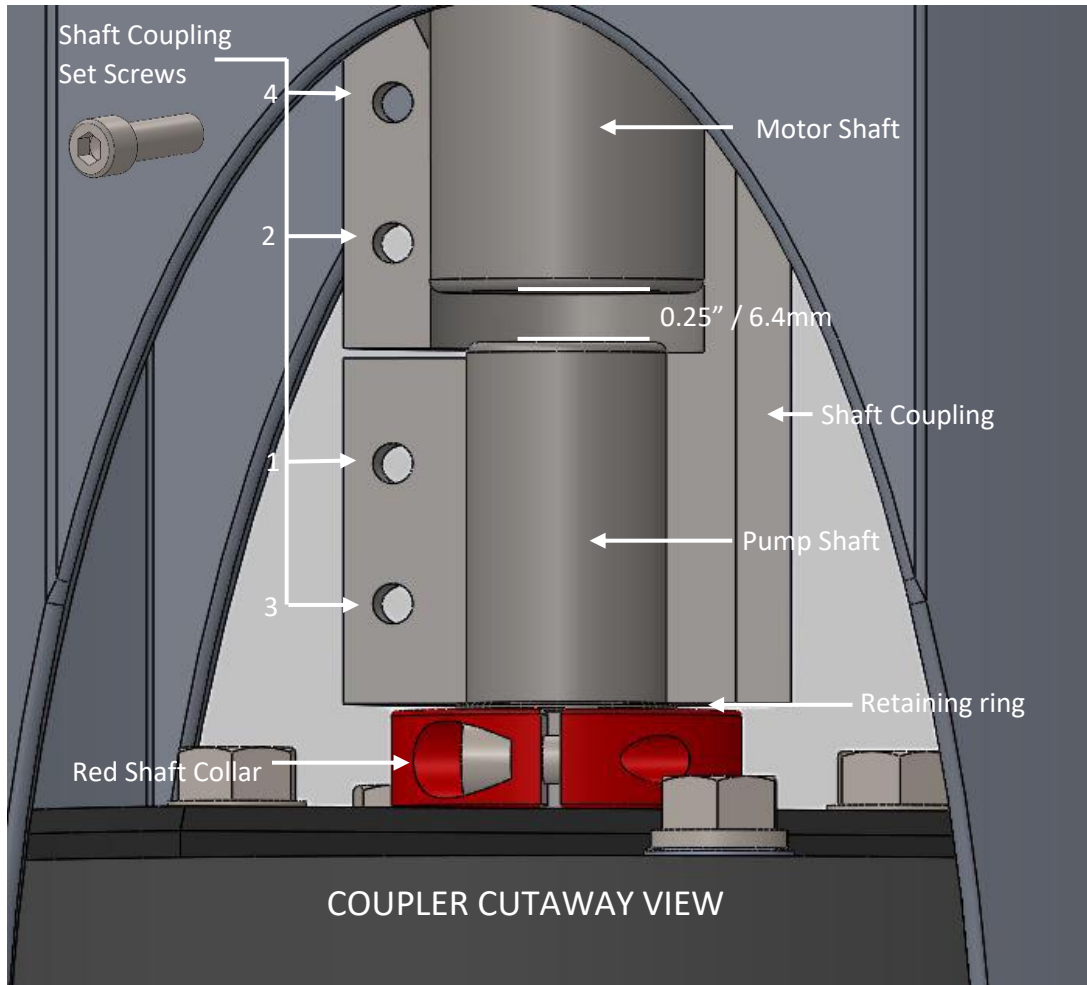


# RIVERFLOW PUMP INSTALLATION GUIDE

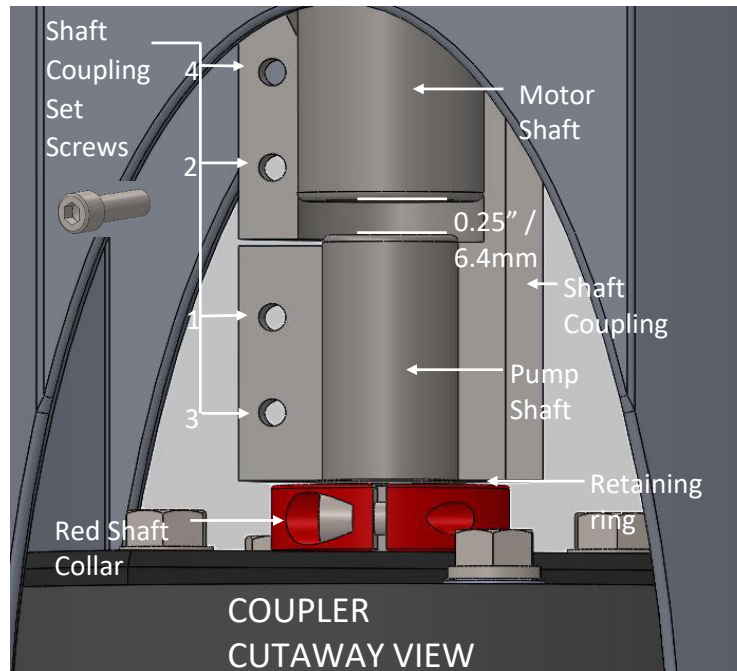
## MOTOR AND SHAFT COUPLER INSTALLATION INSTRUCTIONS



1. Cut away protective plastic wrap from pump and open the motor installation kit.
2. Use the provided "T-Handle" Allen wrench for the following operations.
3. Loosen all keyless coupling set screws by 1 full turn and slide shaft coupling down till it is resting on top of the retaining ring as illustrated in the above picture.
4. Remove wooden block from top of shaft coupling and set aside.
5. Remove motor shaft key and then clean the motor shaft of any grease or debris.
6. Leaving the shaft coupling in place on the pump shaft, carefully place the motor shaft into the shaft coupling so the motor face is fully seated into the motor mount register. (Shaft keys are not required)
7. Install the four 1/2" X 1-1/8" stainless bolts, washers, and lock washers through the bottom side of the motor mount, into the face of the motor using a 3/4" socket wrench. Tighten to 15 LBS/FT

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8. Make sure shaft coupling, retaining ring, and red shaft collar are fully seated as illustrated in the above picture. If so, continue to the next step. If not, then adjust as needed.
9. Tighten inner shaft coupling setscrew #1 to 100 in-LBS, then tighten inner setscrew #2 to 100 in-LBS. (See picture above)
10. Tighten outer shaft coupling setscrew #3 to 100 in-LBS, then tighten outer setscrew #4 to 100 in-LBS. (See picture above)
11. Check and re-tighten all shaft coupling setscrews to 100 in-LBS in the same order as before (#1, #2, #3, #4) a minimum of 4 times. The supplied Allen Wrench will flex approximately a  $\frac{1}{4}$ " turn.

## WARNING

ALL MANUFACTURER'S WARRANTIES ARE VOID WHEN FAILING TO ENSURE THE SHAFT COUPLER AND SET SCREWS ARE NOT PROPERLY TIGHTENED AND SET TO 100 in-LBS. THE TIGHTENING SEQUENCE MUST BE COMPLETED A MINIMUM OF 4 TIMES. NOT FOLLOWING THIS PROCEDURE WILL RESULT IN SHAFT COUPLING FAILURE.

12. Remove red shaft collar from beneath the shaft coupling and save for future use.
13. Rotate the shaft coupling at least 360 degrees in both directions by hand. If the shaft does not rotate freely call Current Systems Technical support