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**Guide to Replacing M-7500  
M-6100 Pump Coupler**



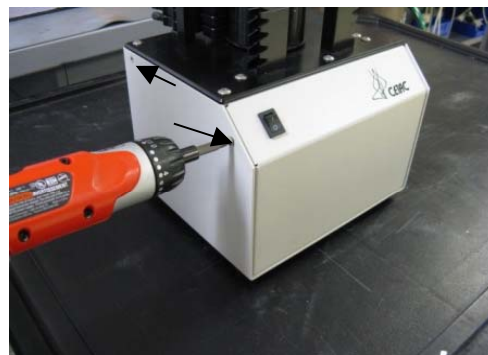
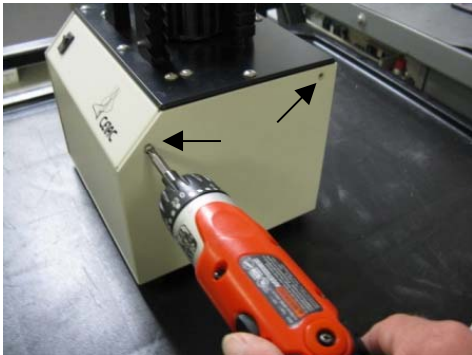
**Tools Needed:**

- 1) #2 Phillips screwdriver
- 2) 3mm Allen wrench
- 3) Standard screwdriver

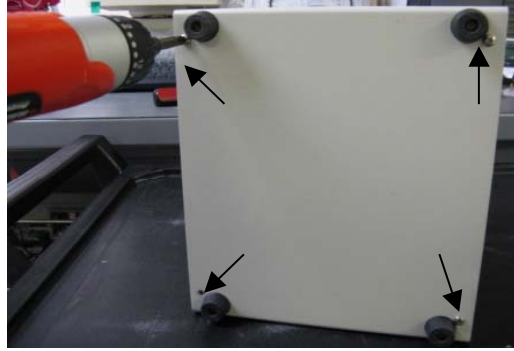
**Part to be replaced:**

**SP8043**

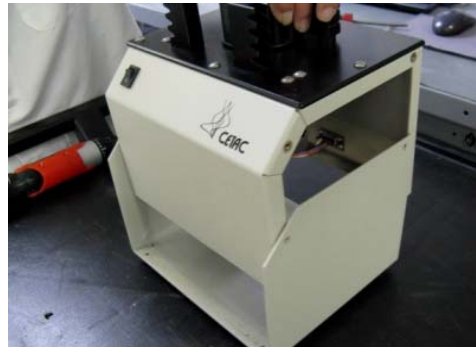
- 1) Remove the power and all tubing from the pump.
- 2) Using a #2 Phillips screwdriver remove the (2) screws from each side.



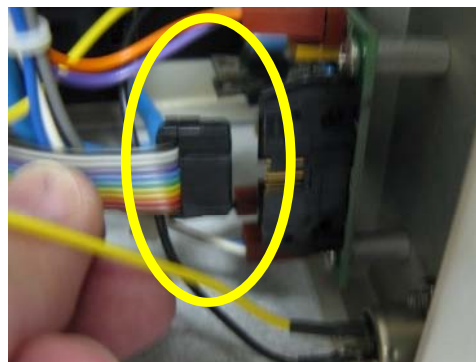
- 3) Using a #2 Phillips screwdriver remove the (4) screws from the bottom of the pump.



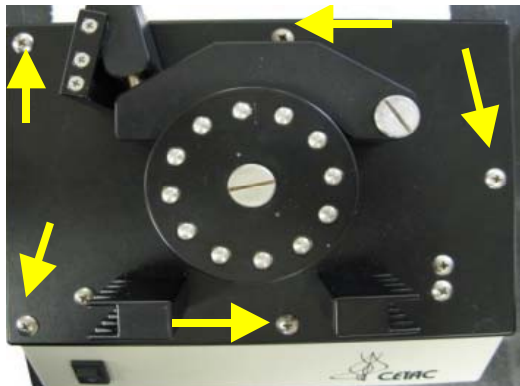
4) Lift straight up and remove the head of the pump from the outer chassis.



5) Unplug the ribbon cable from the Pump Control board.



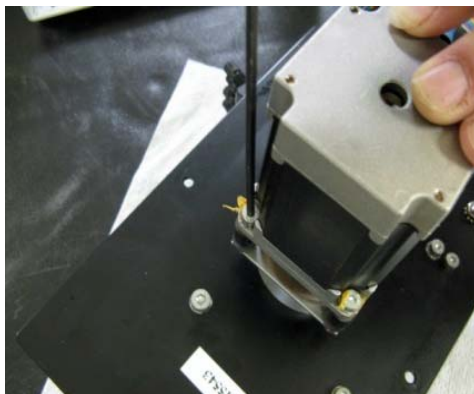
6) Using a #2 Phillips screwdriver remove the (5) screws from the top of the pump head by holding the nut on the inside with your finger.



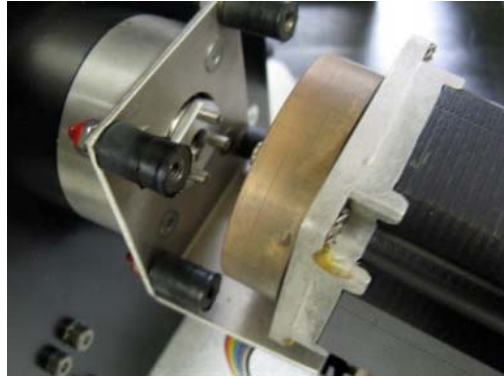
7) Lift the pump head off of the pump chassis.



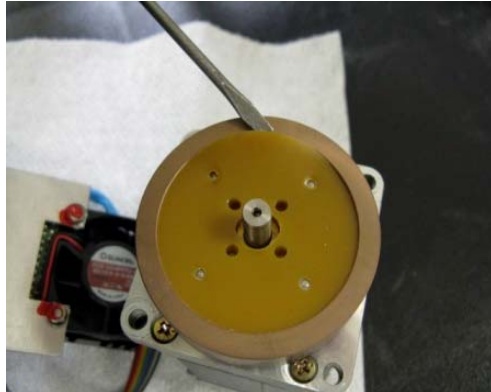
8) Lay the pump head on its side and use a 3mm Allen wrench to remove the (4) screws that hold the pump motor to the head of the pump.



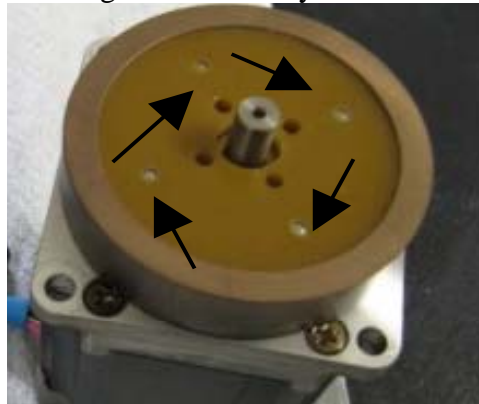
9) After removing the (4) screws the motor should easily separate from the head.



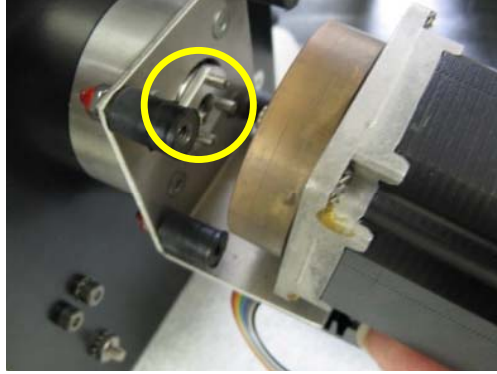
10) Stand the motor upright and use a standard screwdriver to remove the old coupler.



11) Replace the coupler being careful to fully insert the new coupler over the (4) pins



12) Install motor into the pump head by re-installing the (4) screws removed from step 7.  
**(Note: Be sure the motor is lined up with the (4) center pins from the pump head.)**



13) Re-install the (5) screws and nuts removed from step 5.

14) Plug in ribbon cable that was removed in step 4.

15) Set pump head back on outer chassis and secure with screws removed from steps 2&3.