

TE5 BALDOR MOTOR REPLACEMENT IN MCB INSTRUCTIONS

Due to a motor change with the TE-5C March pump, the motor may not fit as intended in your current application. The footprint of the motor base is different and may require a new pump stand in the event of a failure. This Tech Note describes the necessary part and installation instructions to replace the pump. This kit can be viewed as a one-time purchase. If the replacement pump fails in the future, only the pump is required.

The installation kit P/N W3T578981 contains:

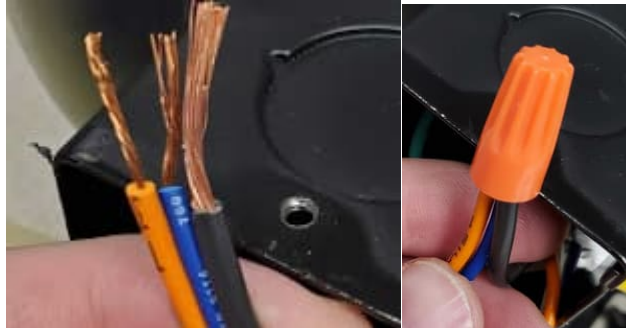
- 1 pump (P/N W2T914739)
- 2 screws (item 1 on mounting detail)
- 2 locking washers (item 4 on mounting detail)
- 2 flat washers (item 2 on mounting detail)
- 2 threaded inserts (item 3 on mounting detail)
- 2 wire nuts
- Strain relief, conduit washer and spare power cord length.

Instructions:

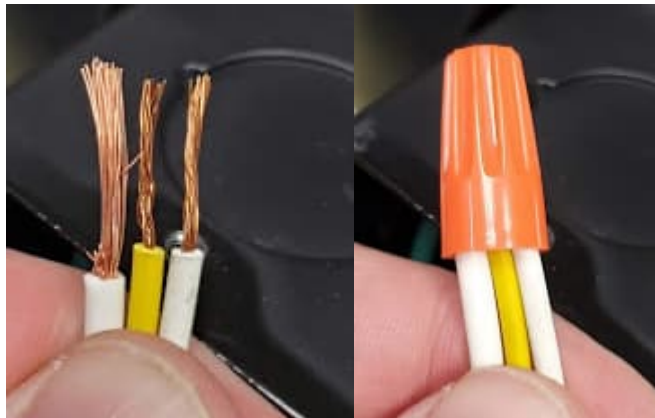
1. Close all valves to pump to be replaced.
2. Ensure the power has been disconnected from the motor.
3. Remove the inlet and outlet fittings from pump and let drain.
4. Remove the cover from the conduit box on the motor and loosen the strain relief.
5. Electrically disconnect the power cord from the motor wires and remove the cable from the conduit box.
6. Remove pump mount from position and discard per local regulations.
7. Position replacement pump in place and mark where to tap new mounting holes. If possible, reuse previous mounting holes.
8. Use 13/32" drill bit to drill thru hole where new mounting hole is needed. Use 23/64" tap to tap 1/2" through hole for threaded insert. Insert threaded insert.
9. Using a screwdriver and a mallet, remove the knockout located at the front of the motor and install the strain relief and conduit nut. Feed the controller cable through the strain relief. Use spare power cord length if needed.



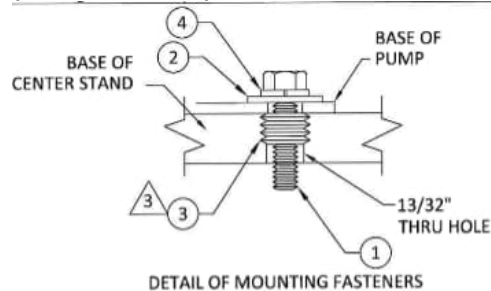
10. Wire nut the blue and orange wires from the motor to the black power cord wire from the controller.



11. Wire nut the white and yellow wires from the motor to the white power cord wire from the controller.



12. Attach the green ground wire to the green screw in the conduit box.
13. Tighten the strain relief to tighten the rubber grommet against the cable.
14. Secure replacement pump to base with provided hardware.



 THREAD IN UNTIL FLUSH WITH TOP SURFACE OF CENTER STAND.

15. Reattach the inlet/outlet fittings to pump.
16. Open valves to pump.
17. Ensure the liquid level in the tank is at least as high as the pump head because this pump is not self-priming.
18. Operate the system in accordance with the Operation and Maintenance manual and perform a leak check.
19. Perform a clean/disinfection procedure (if required) before putting the system back into Service. Follow the procedure in the Operation and Maintenance manual.