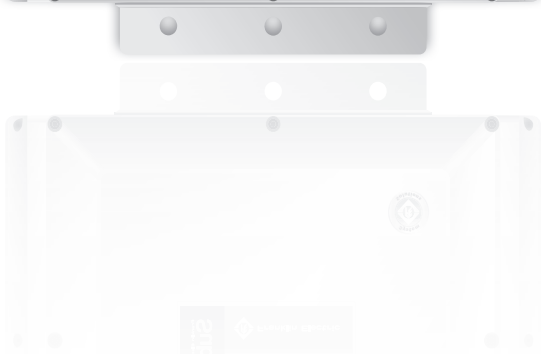


SubDrive300

Stirring Fan Install Guide



SUBDRIVE300

STIRRING FAN INSTALL GUIDE

The stirring fan should run if either cooling fan is running. The fan provides constant airflow to equalize temperatures inside the drive, allowing the SubDrive to operate efficiently and safely.

⚠ WARNING

Serious or fatal electrical shock may result from contact with internal electrical components. **DO NOT**, under any circumstances, **ATTEMPT TO CHANGE FAN** until power has been removed from drive, capacitors are discharged, and 5 minutes have passed for internal voltages to discharge! Before replacing fan, make sure fan is not working properly by performing the simple fan test below:

Fan Test

- Fans can be unplugged from the drive and tested with a 9V battery to show functionality.
 - Connect the red (+) lead from the battery to the red fan connector and the black (-) lead from the battery to the black fan connector.
 - Connect the battery clip to the 9V battery. The fan should spin freely and quietly.
- To make sure fan power supply works properly; the drive must be run and powered above 2000 watts.



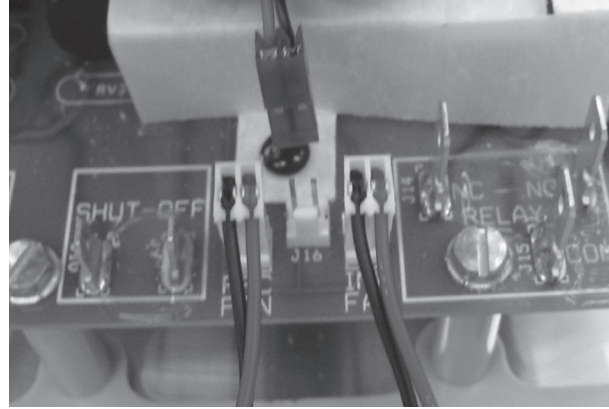
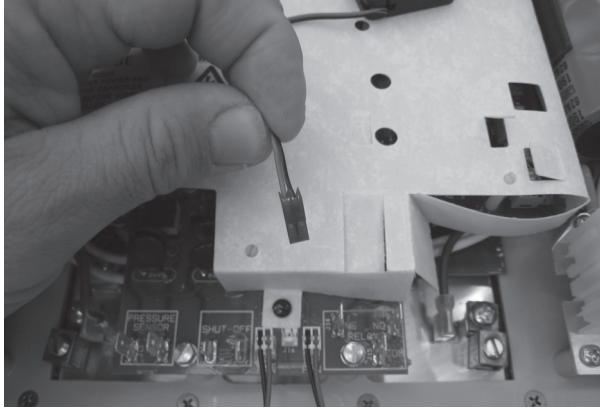
If the fan does not perform as stated above, note the error and consult your local Franklin Electric Representative or call Franklin Electric's Submersible Service Hotline at 1-800-348-2420.

SUBDRIVE300

STIRRING FAN INSTALL GUIDE

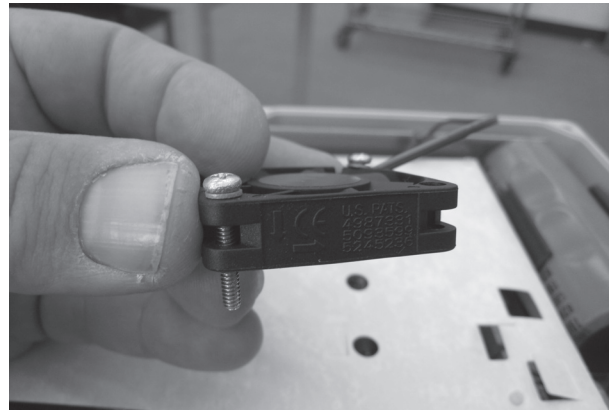
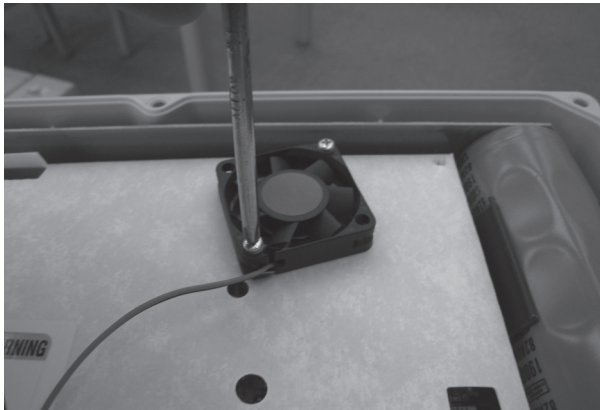
STEP 1:

Remove fan connector wire from J16 terminal.



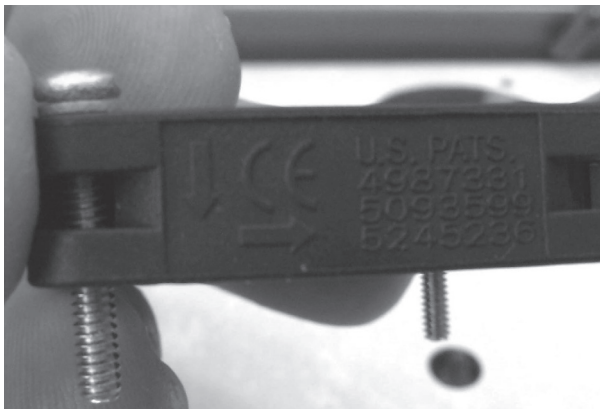
STEP 2:

Remove the 2 screws holding fan assembly in place and remove fan.



NOTE:

When replacing fan, make sure airflow indicator arrow is pointing down. Fan connector wires should be to the left.



SUBDRIVE300

STIRRING FAN INSTALL GUIDE

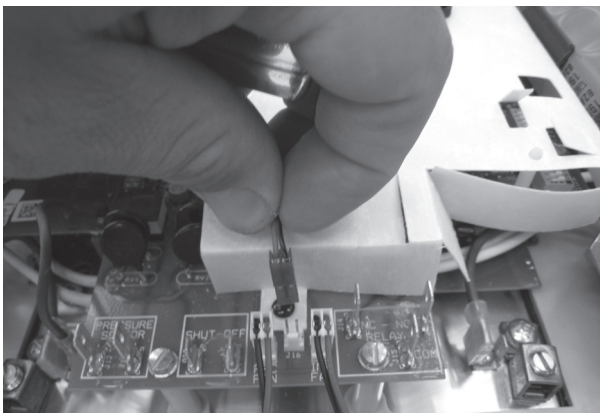
STEP 3:

Place new fan assembly in drive and screw the 2 screws into place.



STEP 4:

Plug fan wires into control board connector.



STEP 5:

Fan installation complete. Verify that fan turns on and is working properly.

If you experience any difficulty in performing these steps, consult your local Franklin Electric representative or call Franklin Electric's Submersible Service Hotline.

Submersible Service Hotline: 1-800-348-2420

