

SubDrive2W

Fan Replacement Install Guide

Kit # 225635910



Franklin Electric

SubDrive2W

FAN REPLACEMENT INSTALL GUIDE

⚠ 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

- Fan can be unplugged from the drive and tested with a 9 V battery (not included) 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 9 V battery. The fan should spin freely and quietly.
 - The yellow wire is unused.
- To make sure fan power supply works properly, the drive must be run and powered above 500 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.

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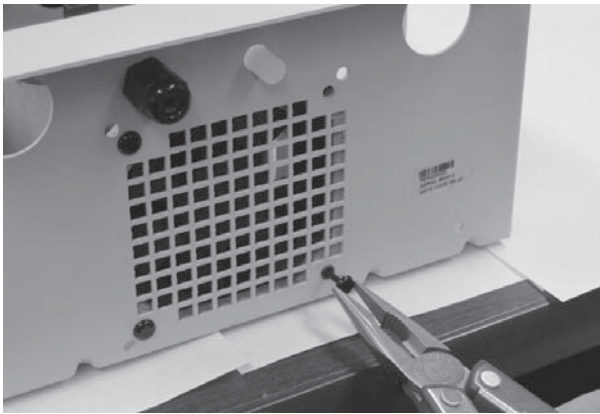
FAN REPLACEMENT INSTALL GUIDE

⚠ WARNING

REMOVE ALL INCOMING ELECTRICAL POWER TO THE SUBDRIVE. THIS IS A NON-POWERED ELECTRIC PROCEDURE.

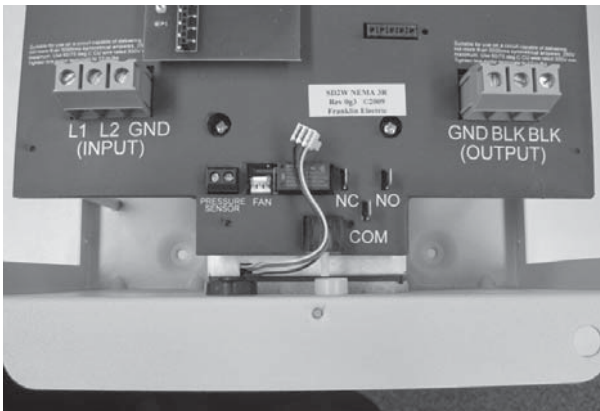
STEP 1:

Remove rivets from bottom of enclosure.



STEP 2:

Disconnect power connection from main board.

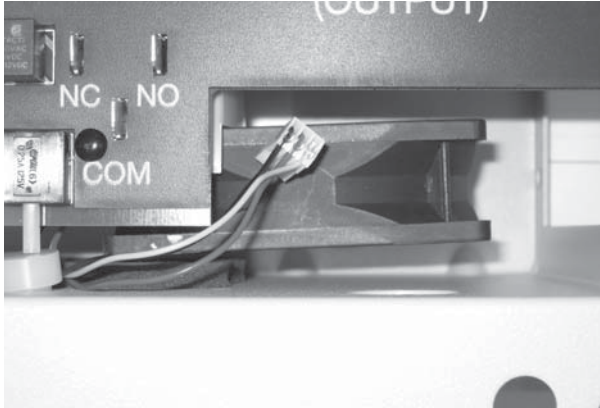


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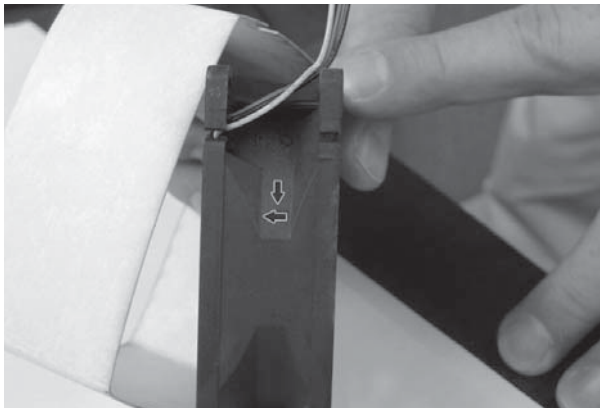
STEP 3:

Remove fan from enclosure.



STEP 4:

Locate airflow indication arrow on side of fan. Position fan so that air is directed into the enclosure.

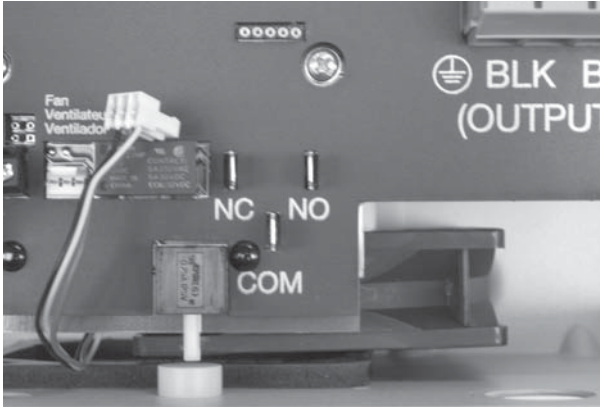


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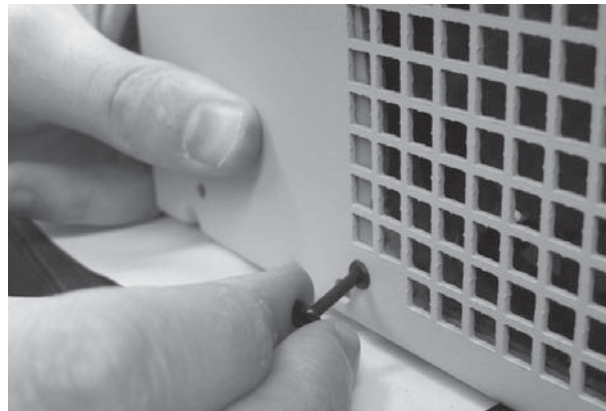
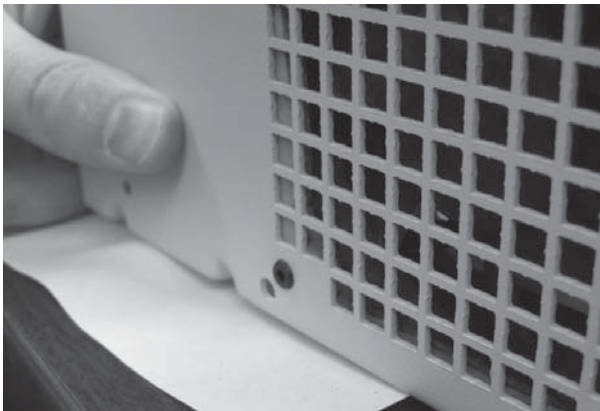
STEP 5:

Reinstall in enclosure.



STEP 6:

While holding fan in place with one hand, secure fan using the supplied plastic rivets to enclosure. To install rivet, first insert outer plug then insert plunger to secure.

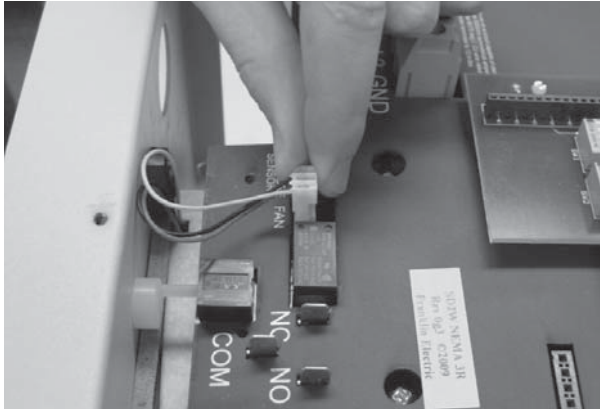


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STEP 7:

Reconnect power connection.



STEP 8:

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

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