FanDRIVE control board kits

FanDRIVE control board kits are replacement circuit boards for FanDRIVE controls.

- Model **KFD-2-7** is for the FD-2-7 FanDRIVE
- Model **KFD-1-14** is for the FD-1-14 FanDRIVE.

FanDRIVE layout

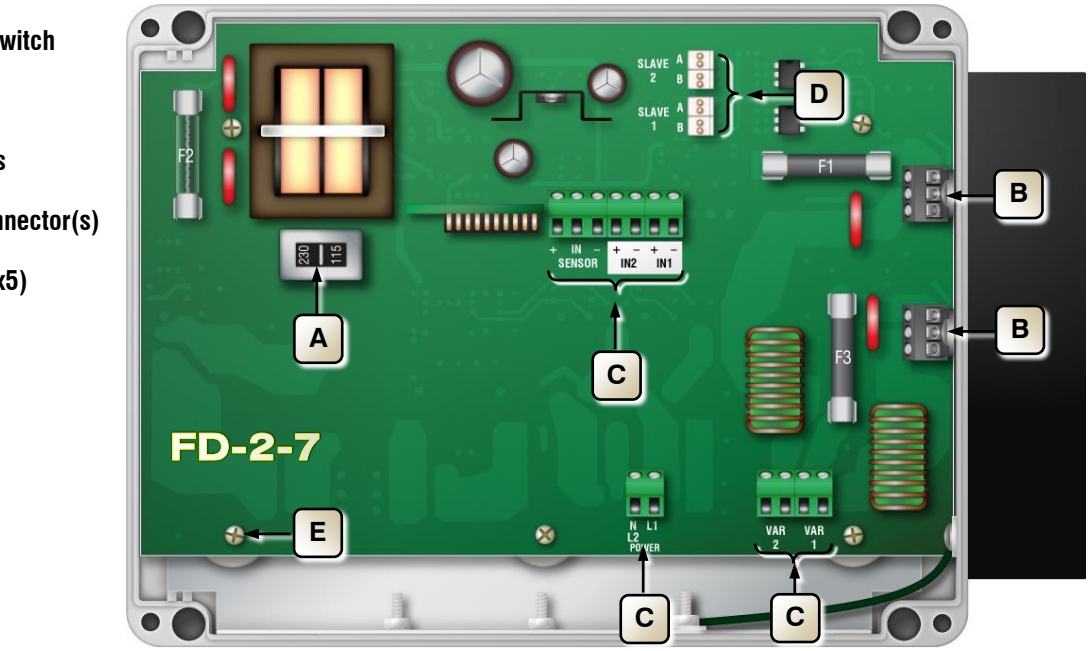
A **Voltage switch**

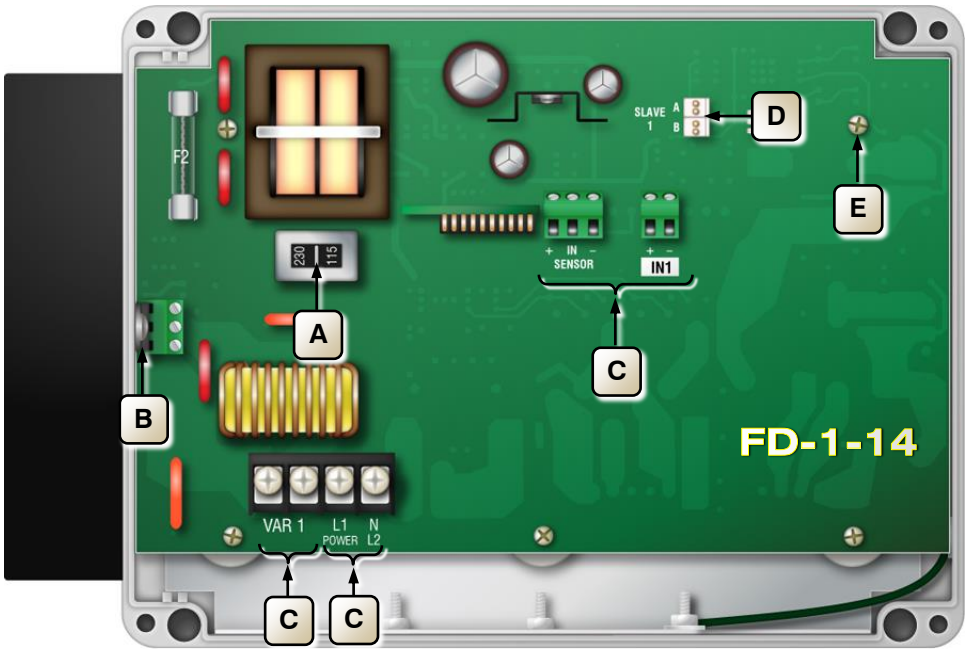
B **Triacs**

C **Terminals**

D **Slave connector(s)**

E **Screws (x5)**





Follow the instructions in the order they are listed to replace the circuit board.

Before installing the kit or servicing the control, switch OFF the incoming power at the source.

Label all wires and cables before disconnecting them.

Removing the damaged circuit board

1. Switch off the power to the FanDRIVE.
2. Remove the cover from the unit.
3. Label all wires and cables.
4. Disconnect the slave cable(s).
5. Remove all other wires from their terminals.
6. Remove the screw(s) fastening the triac(s) to the heatsink.
7. Remove the five screws fastening the circuit board to the enclosure.
8. Remove the circuit board from the enclosure.
9. Wipe the thermal compound (white paste) and dust from the inside of the heatsink using a clean cloth.

Installing the new circuit board

1. Remove the new circuit board from the bag.
2. Place the voltage selection switch in the correct position.
3. Remove the orange cap(s) from the triac(s).
4. Place the new circuit board in the enclosure.
5. Fasten the circuit board to the enclosure using the five screws.
6. Fasten the triac(s) to the heatsink using the screw(s). Do not over tighten the screw(s).
7. Reconnect the wires to their correct terminals.
8. Reconnect the slave cable(s).
9. Verify all wires are properly connected to their correct locations.
10. Switch on the power to the unit and verify it operates properly. If it does not operate properly, check the wires and cables. If the unit still will not operate properly, contact your dealer.
11. Fasten the cover to the enclosure using the four screws.

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