

DC FAN KIT - 06401-004-87-48



WARNING: This kit should be installed only by qualified service personnel to reduce risk of electric shock, serious injury, or fire. A plumbing permit and services of a licensed plumber and electrician might be required in some areas.

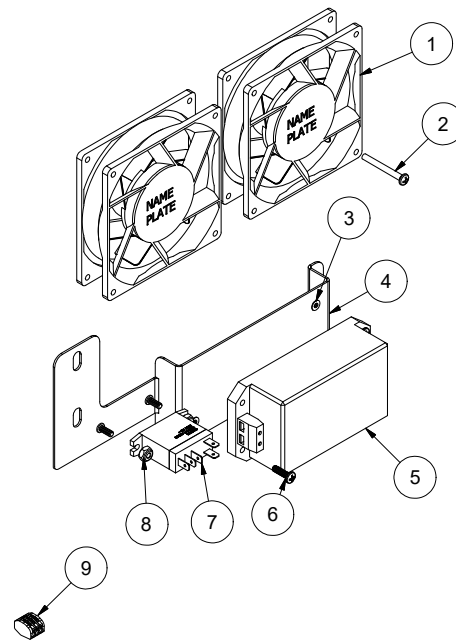
Turn off power supply and place dishwasher disconnect (if applicable) in off position. Lockout/tagout to prevent power supply from being turned back on inadvertently.

CAUTION: Failure to install this kit within guidelines might adversely affect safety, performance, component life, and warranty coverage.

TOOLS REQUIRED

- 5/16 Nutdriver
- Phillips Screwdriver
- Stepladder
- Wire Cutter/Stripper

PARTS INCLUDED



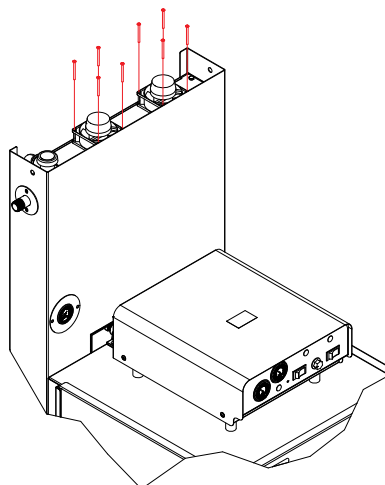
ITEM	QTY	DESCRIPTION	PART NUMBER
1	2	Fan, 24 V DC	05999-004-81-80
2	8	Screw, 6/32 x 1 1/4	05305-002-47-13
3	2	Nut, 6/32 Plated	05340-118-04-00
4	1	Bracket, Power Supply	05700-004-83-91
5	1	Power Supply, In 100-240 V DC, 1.8 A, Out 24 V, 2.5 A	05950-004-81-79
6	2	Screw, 6/32 x 1/2	05305-004-23-63
7	1	Relay, 10 A, 220 V	05945-004-84-93
8	2	Locknut, 6-32 Hex with Nylon Insert	05310-373-03-00
9	3	Connector, 3-Position	05935-004-09-31
-	1	Instructions, AC to DC Fans	07610-004-85-69
-	1	Schematic, DC Fan Option	09905-005-13-04

PROCEDURE

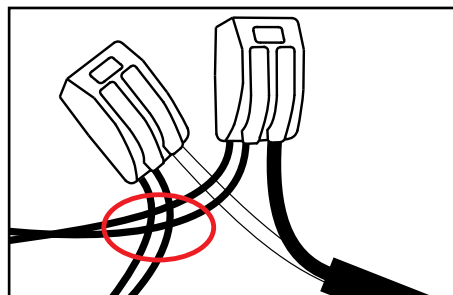
1. Remove screws securing old fans with screwdriver. Use stepladder to reach fans.

Stepladder & screwdriver used in this step.

Keep hardware!

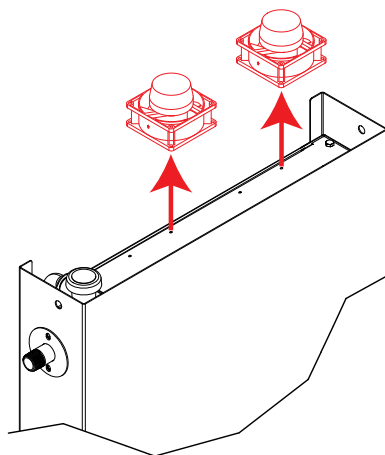


2. Disconnect four small BLK fan wires from connectors.

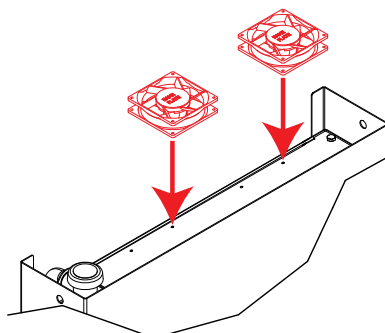


Do not disconnect larger wires.

3. Remove old fans.



4. Replace with new fans from kit.

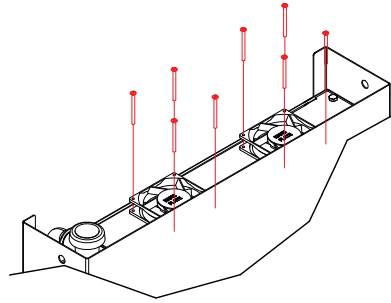


Fans from kit used in this step.

PROCEDURE

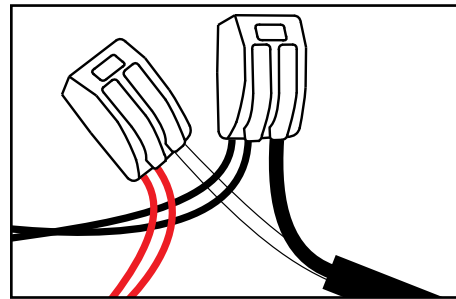
5. Reinstall screws from Step 1.

Hardware from Step 1 used in this step.



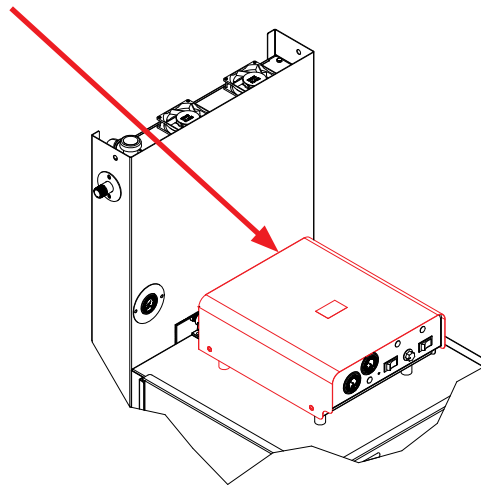
6. Connect BLK fan wires from new fans to connector with BLK wire from Step 2. Connect RED fan wires from new fans to connector with WHT wire from Step 2.

Ensure larger wires are still securely connected.



7. Remove control box cover using screwdriver.

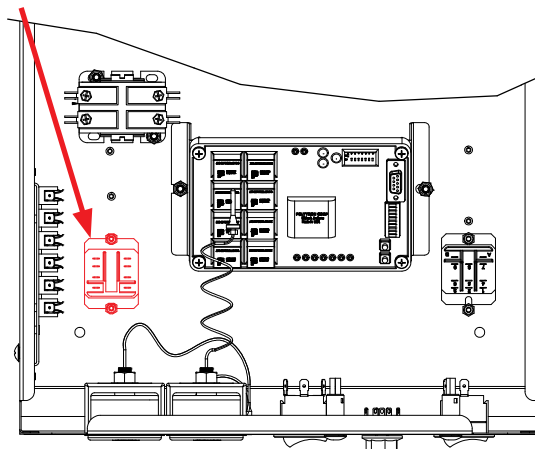
Screwdriver used in this step.



8. Remove control relay from studs using 5/16 nutdriver and keep hardware.

5/16 nutdriver used in this step.

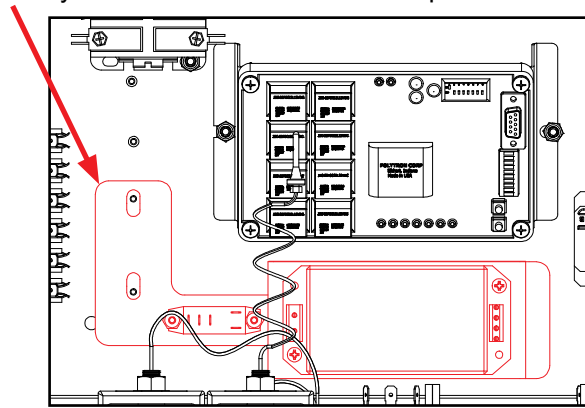
Keep hardware!



PROCEDURE

9. Install assembly from kit on studs from last step.

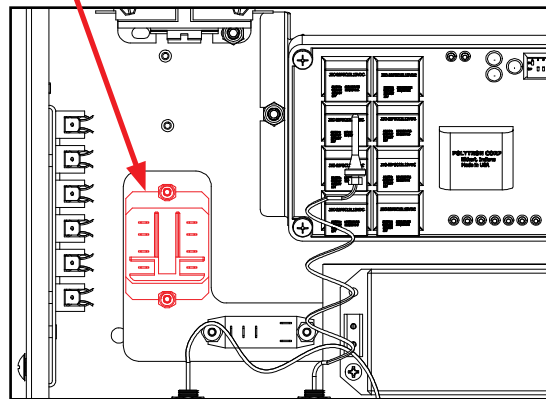
Assembly from kit used in this step.



10. Reattach control relay using hardware from Step 8 and 5/16 nutdriver.

5/16 nutdriver used in this step.

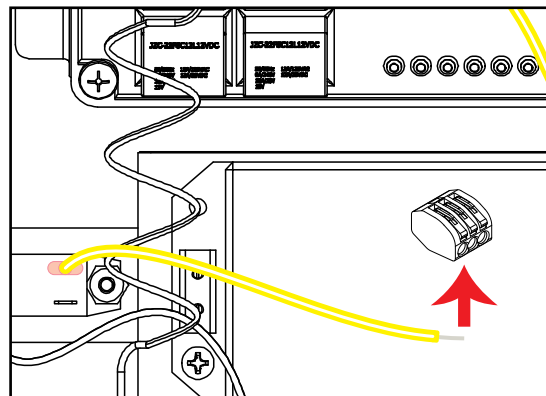
Hardware from Step 8 used in this step.



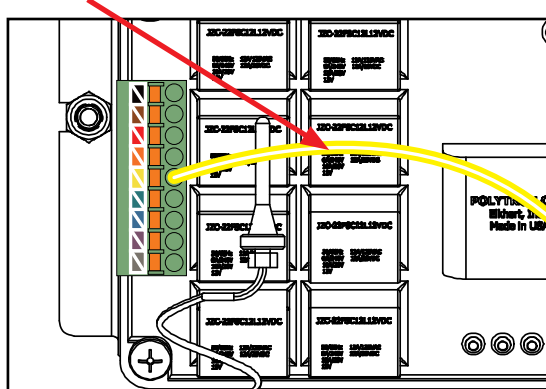
11. Connect loose end of YEL/WHT wire already attached to relay coil position 1 (on assembly from kit) to 3-position connector from kit.

Assembly from kit used in this step.

3-position connector from kit used in this step.

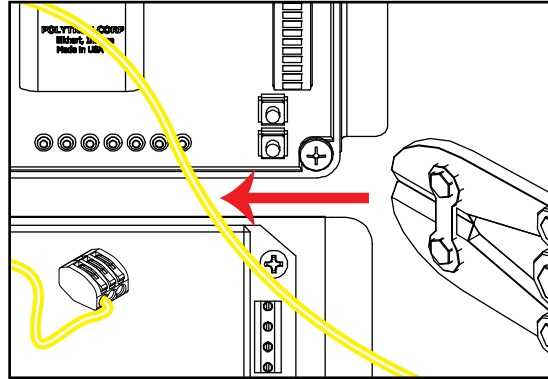


12. Locate YEL/WHT wire from fans connected to universal timer.



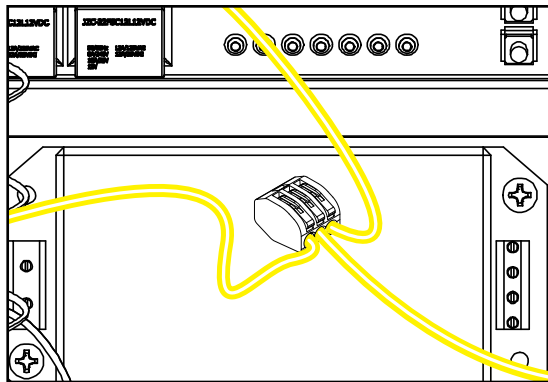
PROCEDURE

13. Cut YEL/WHT wire and strip cut ends.

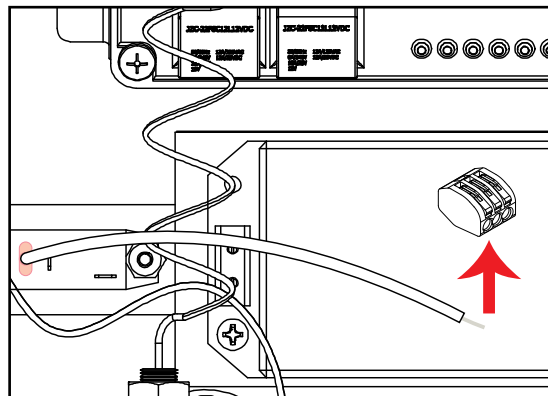


Wire cutter/stripper used in this step.

14. Connect both ends to 3-position connector from Step 11.



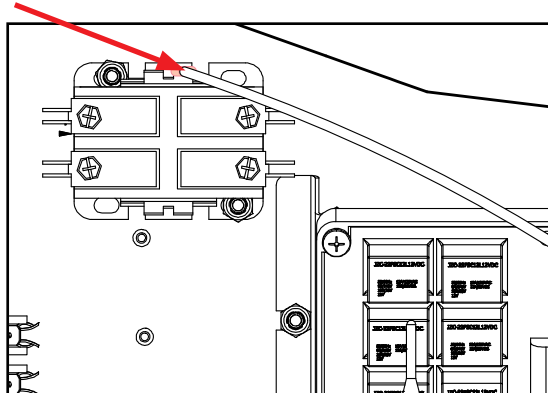
15. Connect loose end of WHT wire already attached to relay coil position 4 (on assembly from kit) to 3-position connector from kit.



Assembly from kit used in this step.

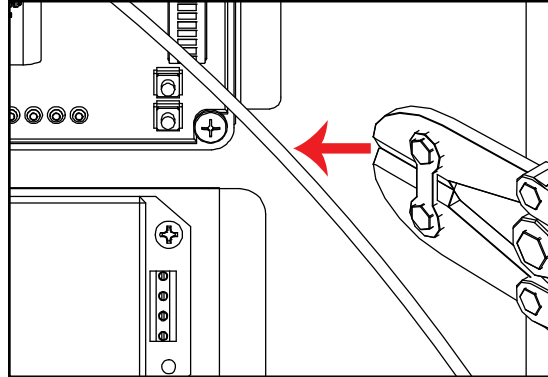
3-position connector from kit used in this step.

16. Locate WHT wire from vent fan SJ cord.



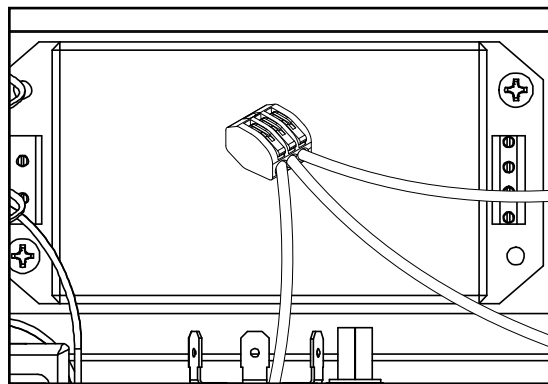
PROCEDURE

17. Cut WHT wire and strip cut ends.

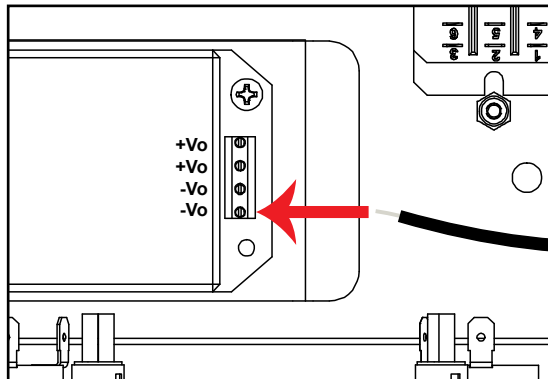


Wire cutter/stripper used in this step.

18. Connect both ends to 3-position connector from Step 15.

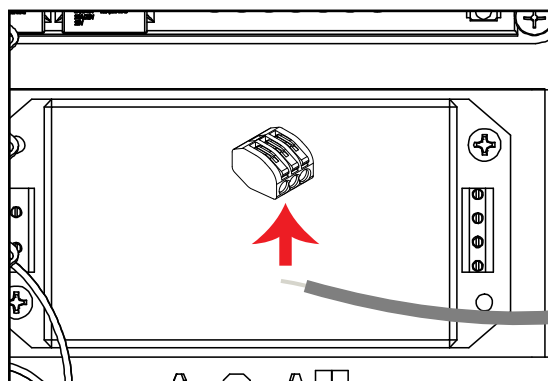


19. Follow wires from vent fan SJ cord. Locate where BLK wire terminates. Cut terminal off BLK wire, strip end, and attach to -Vo on power supply.



Wire cutter/stripper used in this step.

20. Follow wires from power light back to connector. Remove GRY wire from connector and insert into 3-position connector from kit.

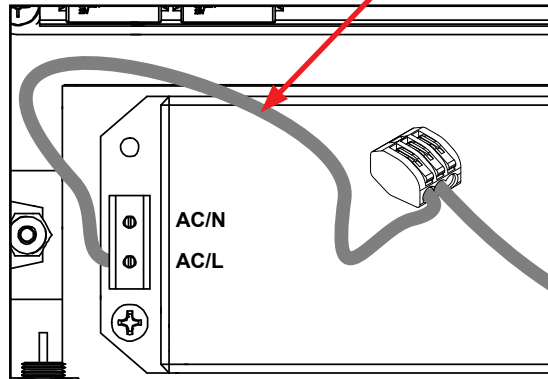


3-position connector from kit used in this step.

PROCEDURE

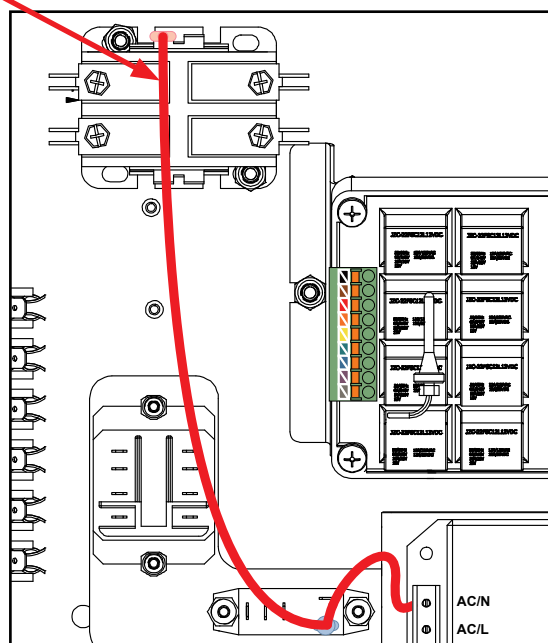
21. Connect loose end of GRY wire already attached to AC/L (on assembly from kit) to 3-position connector from Step 20.

GRY wire from kit used in this step.



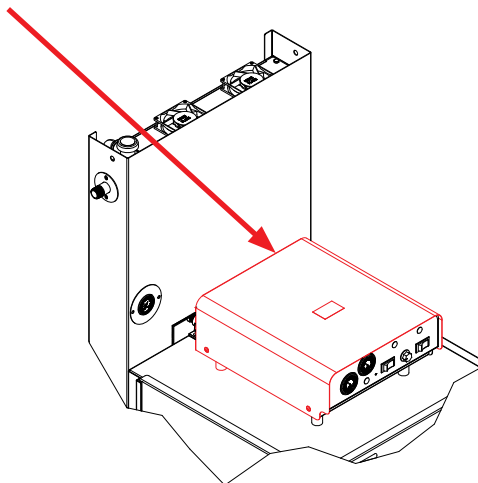
22. Attach RED wire with terminal already attached to AC/N and relay coil (on assembly from kit) to R2 coil.

RED wire from kit used in this step.



23. Replace control box cover using screwdriver.

Screwdriver used in this step.



24. Restore power to machine.