



Pyro Industries, Inc.

695 Pease Road
Burlington, WA 98233
(206) 757 - 9728
Fax (800) 398 - 5382

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Bulletin # 9(a)
Model: Prodigy II
Starting Serial # 7176

Page 1 Of 2

Whitfield Pellet Stove Technical Bulletin

A SOLID STATE BOOSTER FAN RELAY HAS BEEN ADDED TO PRODUCTION STOVES

Starting with Serial No. 7176, the Prodigy Booster Fan Relay has been changed to a solid state unit. When this new Relay is used as a replacement part in earlier stoves (Serial No. 2283-7175), a wiring change is required. Please refer to the enclosed diagram and instructions. The new relay provides a reduction in radio frequency interference (RFI). The part no. remains 13525903.

INSTALLATION INSTRUCTIONS

To rewire from the "old" five terminal relay to the "new" four terminal relay, do the following:

1. The Blue wire from the lower right terminal on the five pin relay (terminal block post #1) should be connected to the #1 terminal on the new relay.
2. The Black wire from the lower middle terminal (booster motor or resistor) should be connected to the #3 terminal on the new relay using the dual terminal adapter.
3. The Yellow wire from the lower left terminal (snap switch) should also be connected to the dual terminal adapter on the #3 terminal.
4. The Black wire from the top left terminal (terminal block post #4) should be connected to terminal #5 on the new relay.
5. The White wire from the top right terminal (terminal block post #6) should be connected to terminal #4 on the new relay.

---Note: If this relay is used in a stove that still has the Booster Fan slaved to the main blower, the wiring must be changed to run the Booster Fan at line voltage. The Fan will not run slaved with the new relay.---

Instruction Part No. 60020013

NEW RELAY CONNECTION FOR PRODIGY II
AND WIRING DIAGRAM

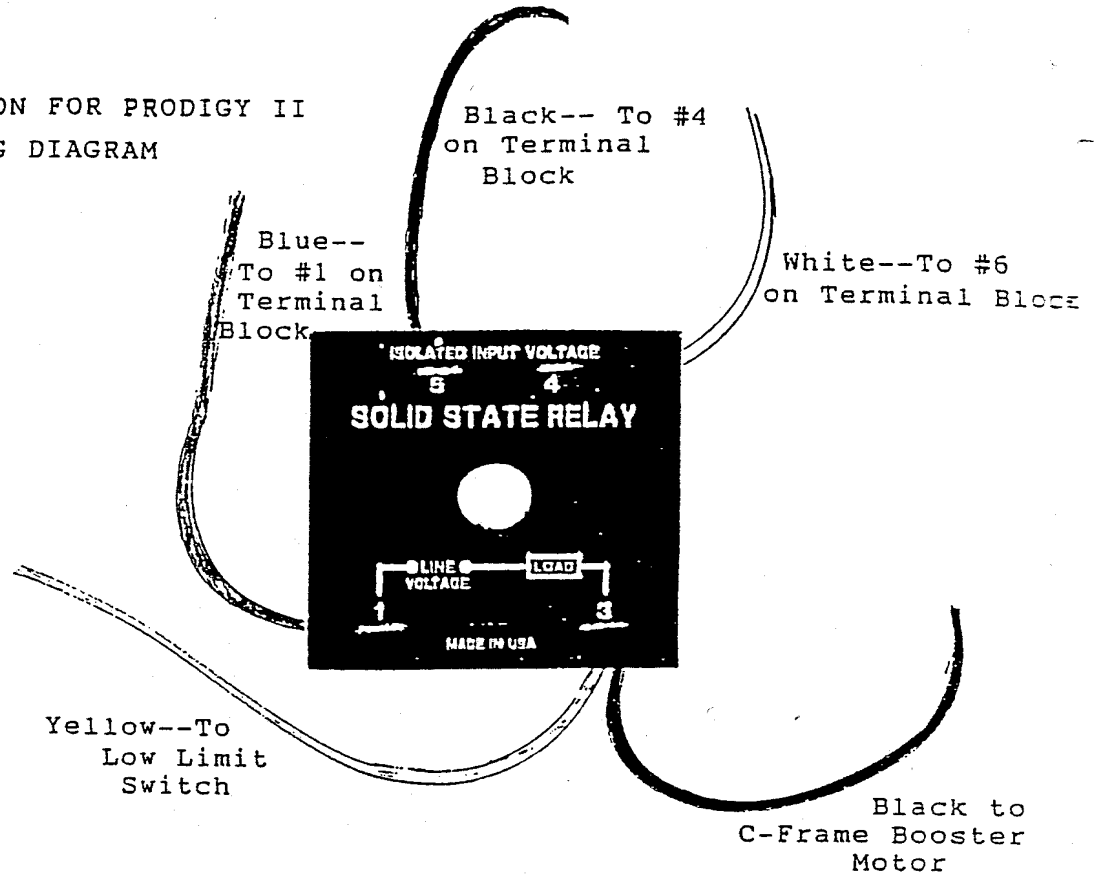


Diagram #7 Beginning with WH-7176

