



HEARTH PRODUCTS

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KITS AND ACCESSORIES

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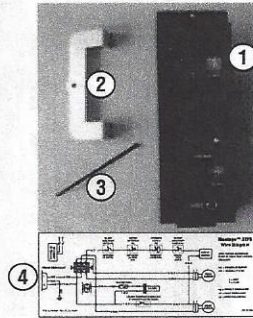
MONTAGE™ 32FS UPGRADE KIT
CAT. NO. H7832

**INSTALLATION INSTRUCTIONS FOR THE MONTAGE UPGRADE KIT FOR USE WITH
MODEL MONTAGE™ 32FS PELLET STOVE WITH SERIAL NUMBERS 1001 TO 3638**

ELITE™ SERIES

KIT CONTENTS

- 1 ea. Control Board (item #1)
- 1 ea. Damper Stop (Item #2)
- 1 ea. Wire Tie (Item #3)
- 1 ea. Wiring Label (Item #4)
- 1 ea. Installation and Operation Manual
- 1 ea. Instruction Sheet



TOOLS REQUIRED

- 1/4" Nut Driver or Socket
- Cutting Pliers

GENERAL INFORMATION

The purpose of this kit is to incorporate improvements in the performance of the stove:

- New control board programming to enhance overall performance. All Montage Pellet Stoves with a serial numbers above 3638 will have the new control board. The serial number is located on the safety/listing label under the hopper lid.
- Increased damper setting to enhance the stoves performance.
- Replaced 225 Watt igniter with 400 Watt igniter to reduce ignition time and improve the reliability of the stove.

If you encounter any problems, need clarification of these instructions or are not qualified to properly install this kit, contact you local distributor or dealer.

Read this instruction sheet in its entirety before beginning the installation.

ALL WARNINGS AND PRECAUTIONS IN THE INSTALLATION AND OPERATION MANUAL PROVIDED WITH THE APPLIANCE APPLY TO THESE INSTRUCTIONS.

! IMPORTANT

- All electrical wiring must comply with the National Electrical Code ANSI/ NFPA 70 - latest edition, in Canada, the current CSA C22-1 Canadian Electrical Code.
- The Ground Lead must be connected to the green screw (located on the junction box). Failure to do this could result in an electrical short or shock injury.
- The appliance must be electrically grounded in accordance with local codes or, in the absence of local codes, the national electrical code, ANSI/NFPA 70-(latest edition), in Canada, the current CSA C22-1 Canadian Electrical Code.

TURN OFF THE STOVE AND UNPLUG THE POWER CORD! ALLOW STOVE TO COMPLETELY COOL BEFORE PROCEEDING.

INSTALLATION INSTRUCTIONS

Step 1. Replace igniter, if necessary

Stoves with the serial numbers listed below have a factory installed 225 Watt igniter that will need to be replaced with a 400 Watt igniter, (kit listed below, sold separately). If necessary, install the new igniter per the instructions provided in the igniter kit.

Cat. No. H7053 Fastfire™ Igniter Kit
(ref. form no. 506033-07)

Serial numbers with factory installed 225 Watt igniters:
1001-1050, 1053, 1054, 1056-1070, 1072-1112, 1115-1119, 1121-1125, 1130, 1131, 1134, 1135, 1142-1145, 1156, 1157, 1163-1166, 1170-1183, 1185-1188, 1190-1219, 1221, 1223, 1225-1261, 1263-1278, 1280-1283, 1285-1286, 1289-1292, 1294-1301 and 1308.

Step 2. Replace control board with upgraded control board provided

1) Open the left side panel.

The hinged side panels are held closed with magnets. To open, grab the upper portion of the side panel (at front of stove) and pull the panel outward (see **Figure 1**). The side panels will hinge open from the back.

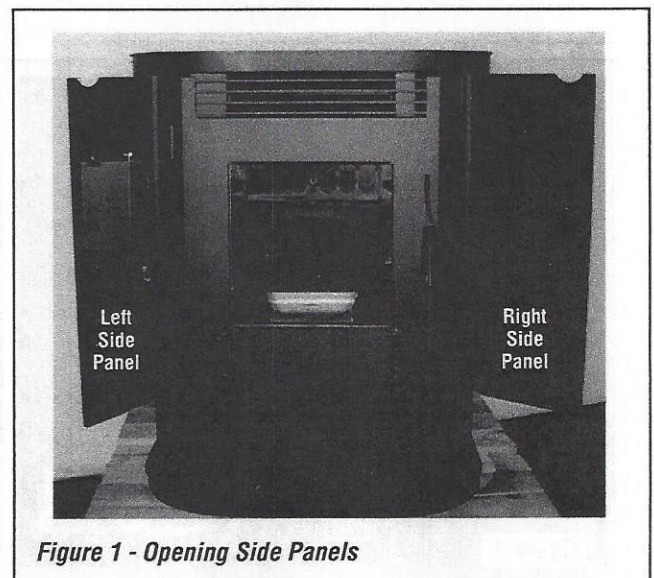


Figure 1 - Opening Side Panels

- 2) On the back of the control board, disconnect the upper and lower socket connectors by first pressing the locking catch that locks the male and female socket connectors together. While holding that locking catch down, pull the male connector from the female side connected to the control board. Then disconnect the two yellow thermostat wires running to the bottom of the control board by gently pulling down towards the bottom of the stove. See *Figures 2 and 3*.
- 3) Using a 1/4" nut driver or socket, remove the screw at the top of the control board. Once the screw is removed, pull the top of the control board away from the side panel and lift up to remove.
- 4) Install the new control board by placing the tab on the bottom of the control board in the slot located on the horizontal surface where the original board was removed. Once the control board is located in place, reinstall the screw. **Be careful not to overtighten the screw.** See *Figure 3*.
- 5) Once the control board is fastened in place, you can then plug the upper and lower socket connectors in place. Plug the two yellow thermostat wires located on the bottom of control board by pushing up towards the top of the stove. See *Figure 3*.

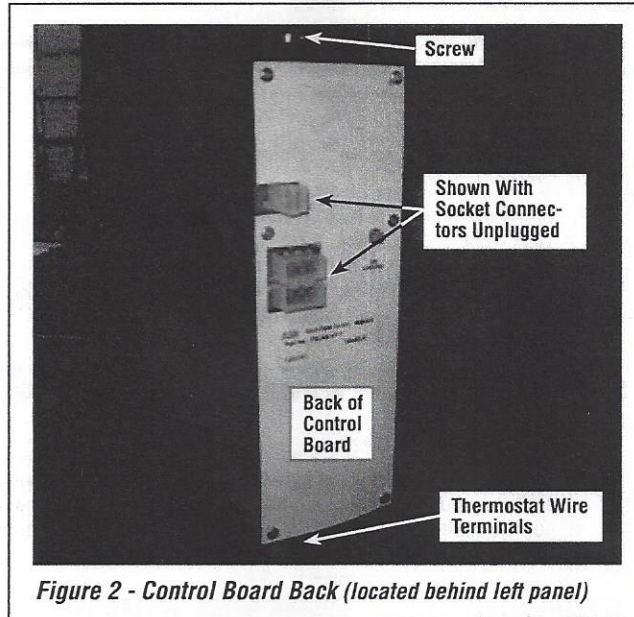


Figure 2 - Control Board Back (located behind left panel)

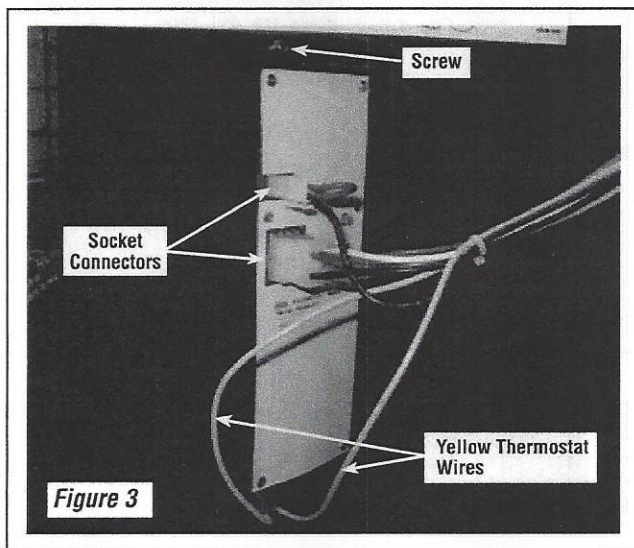
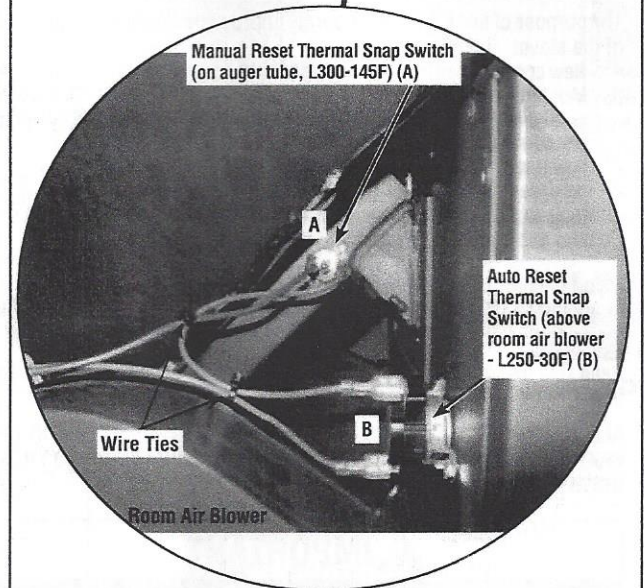
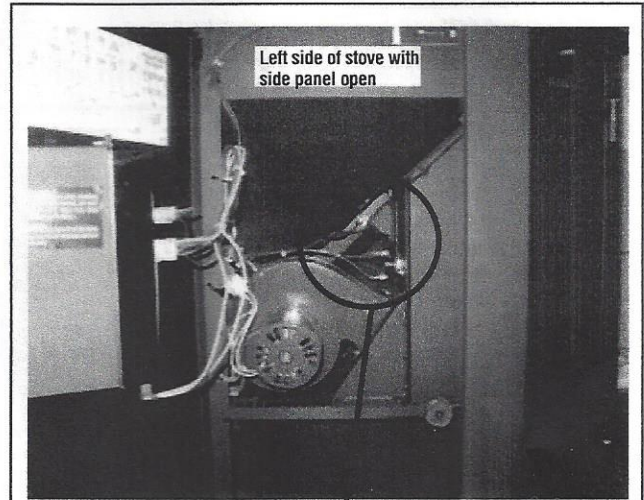


Figure 3

Step 3. Remove manual reset snap switch on auger tube from circuit

Wiring Instructions

- 1) Using cutting pliers carefully cut and remove the two wire ties that are shown in *Figure 4*. **Use caution not to damage wires while cutting.**



NOTE: Switch "A" should not be removed! Leave it in place after all instructions have been completed.

Figure 4 - Snap Switches (Located behind the left side panel)

- 2) Remove the short section of wire connecting snap switch "A" to snap switch "B" as shown in **Figure 5**. Use caution not to damage the snap switches when removing wire connectors from the snap switch terminals. Once the wire is removed, it can be discarded.

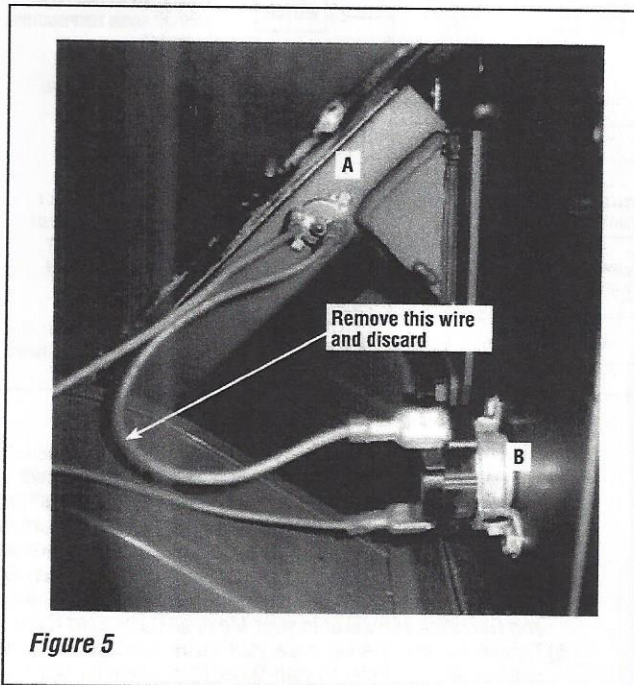


Figure 5

- 3) As shown in **Figure 6**, remove the remaining wire from snap switch "A" and reconnect it to the open terminal on snap switch "B".

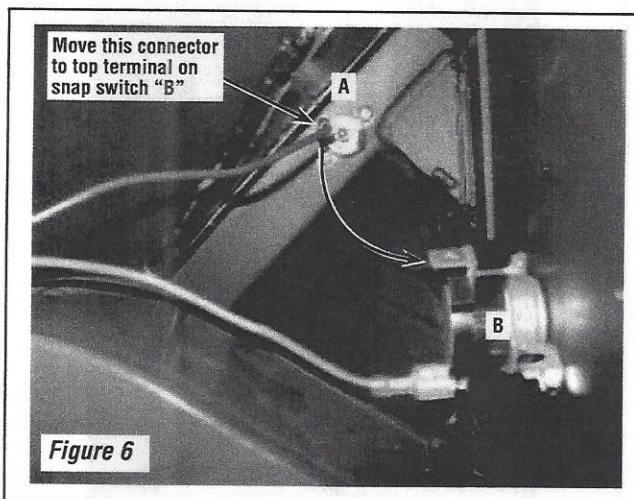


Figure 6

- 4) Using the wire tie provided, secure the two wires together to avoid contact with any surrounding components. See **Figure 7**.

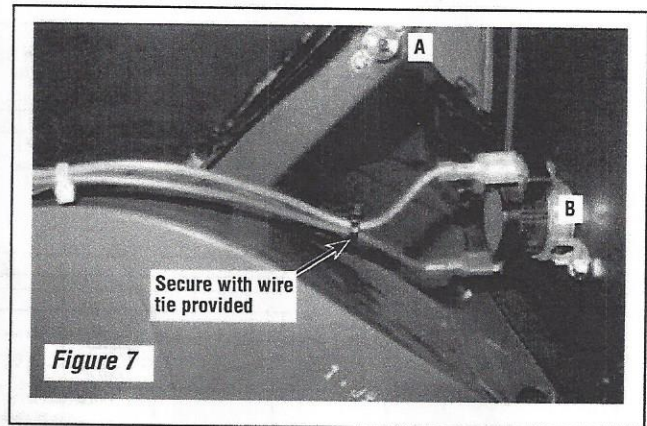


Figure 7

- Step 4. Adhere new wiring label over the existing factory installed wiring label.**

- 1) Locate the existing wiring label located on the left side panel, as shown in **Figure 8**.
- 2) Peel off the backing on the new label provided to expose the adhesive. Carefully adhere the label over the existing wiring label. Smooth out label with hand to ensure there are no bubbles. See **Figure 8**.

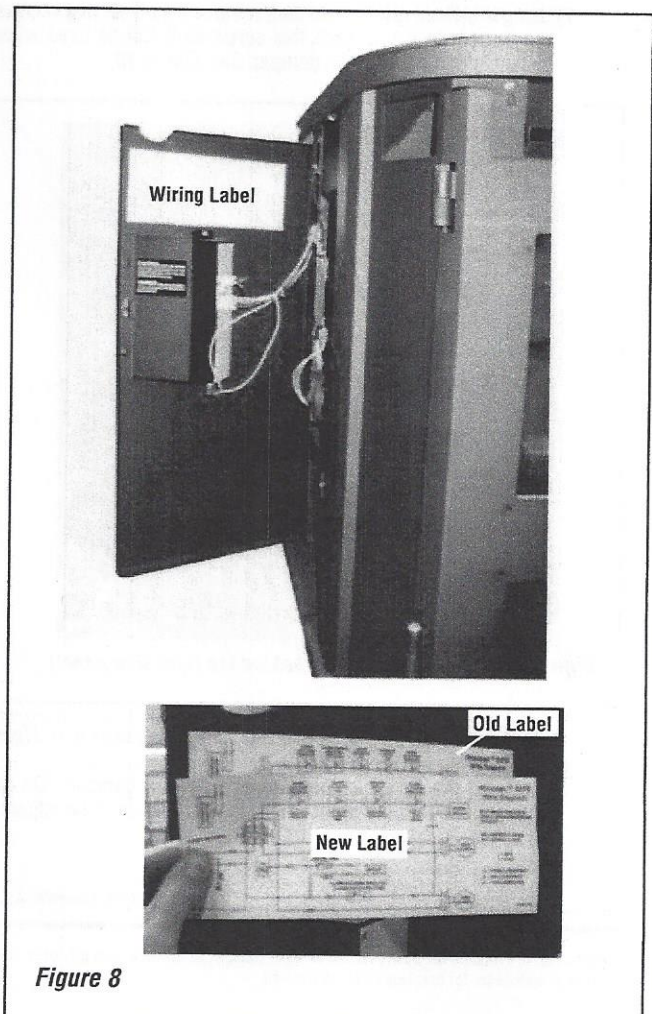


Figure 8

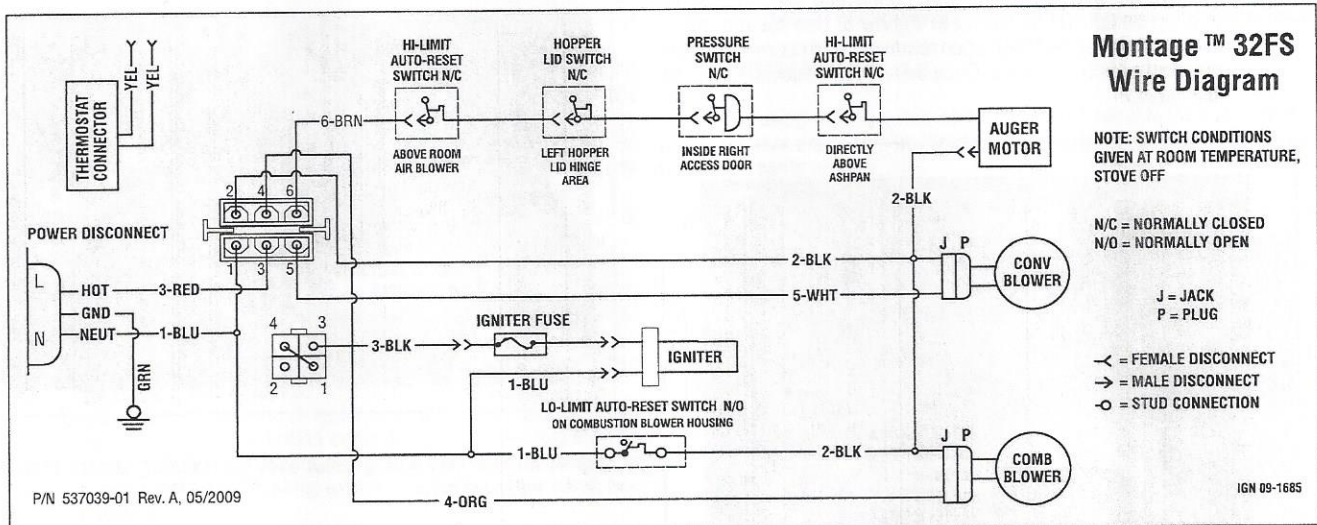
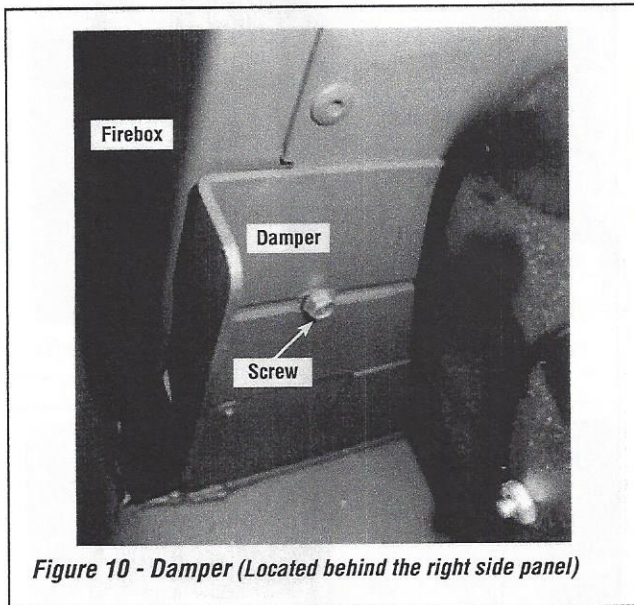


Figure 9 - WIRING DIAGRAM 120 V AC

Step 5. Install damper stop

Damper Stop Installation Instructions

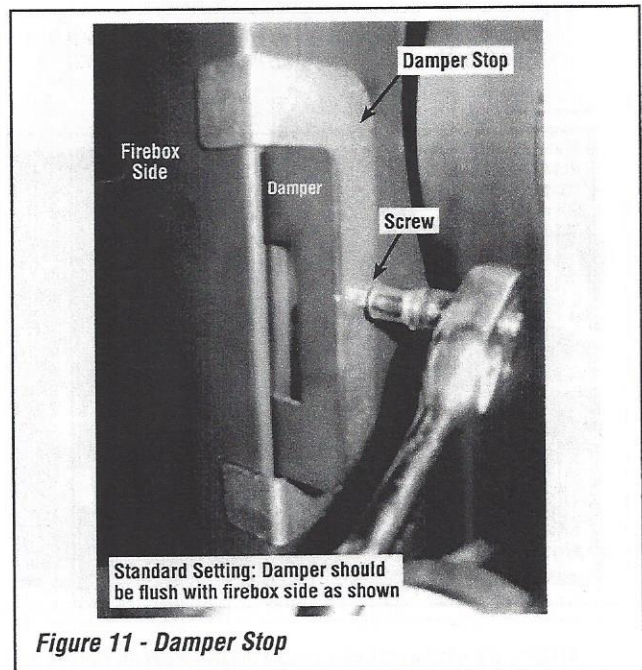
- 1) Using a 1/4" nut driver or socket, remove the screw that secures the damper in place. Keep this screw as it will be used when installing damper stop on damper. See **Figure 10**.



- 2) Position the damper stop over the damper as shown in **Figure 11**.
- 3) Reinstall the screw in the damper stop and damper. Do not tighten screw to the point where the damper can't be adjusted in or out.

- 4) Adjust damper to the standard setting as shown in **Figure 11**. The standard setting should be flush with the firebox as shown. The damper setting may need to be adjusted from standard depending on the vent configuration, quality of fuel, elevation and other variables (for less air push in and for more air pull out). See damper adjustment instructions and guidelines in the *Installation and Operation Manual* or in your *Montage Quick Start Guide*.

- 5) Tighten the screw snug once your stove has been set to the optimal setting. Refer to your Quick Start Guide for signs of a optimal damper setting.



NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

Lennox Hearth Products reserves the right to make changes at any time, without notice, in design, materials, specifications, prices and the discontinuance of colors, styles and products. Consult your local distributor for fireplace code information.