Wood Stove Rear Fan 2 Installation Instructions
99000118

TRAVIS INDUSTRIES
HOUSE OF FIRE

Table of Contents

Compatibility (Freestanding Models Only)

- Lopi Answer   • Lopi Endeavor   • Lopi Liberty   • Lopi Leyden
- Avalon Pendleton (745/790)   • Avalon Rainier (945/990)   • Avalon Olympic (1190)   • Avalon Arbor
- 1250 Wood Stove   • 1750 Wood Stove

Packing List

- Rear Blower
- Snap Disk Assembly
- Snap Disk Hanger

- (3) 1/4" 20 Thread Cutting Screws
- Rheostat Mounting Bracket
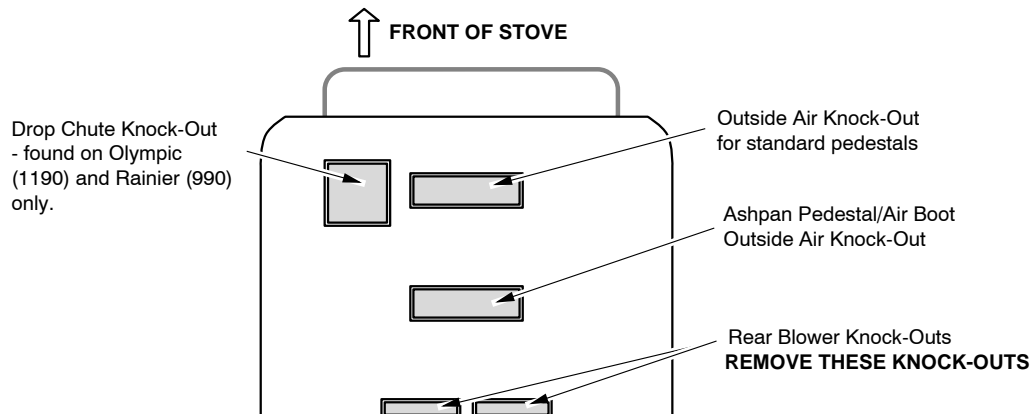- (2) M8 Bolts (used for Arbor/Leyden only)

Operating Instructions

The blower will not turn on until the appliance is up to temperature. Once up to temperature, the blower will operate at the speed determined by the position of the blower knob (see the illustration below). The blower will shut off once the appliance cools.

OFF
Turn the knob all the way counter-clockwise to turn off.

HIGH
Turn the knob clockwise from the off position until it clicks.

LOW
Turn the knob all the way clockwise to turn to low.

Installation Instructions (All Except Leyden, Arbor, and 1750)

1. Install the stove legs or pedestal. Remove the two rear blower knock-outs underneath the base (see the illustration below).
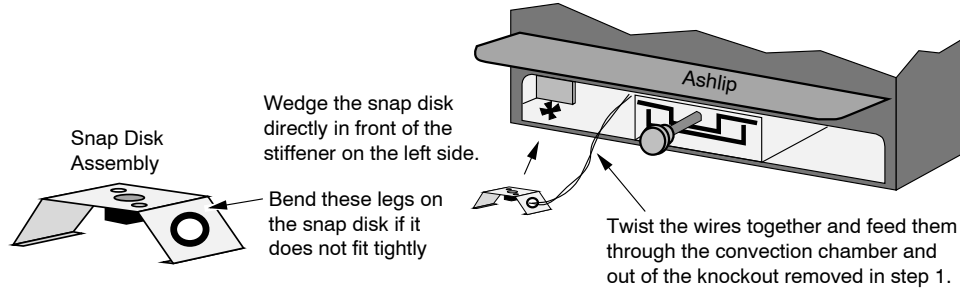
⇧ **FRONT OF STOVE**

Drop Chute Knock-Out - found on Olympic (1190) and Rainier (990) only.

Outside Air Knock-Out for standard pedestals

Ashpan Pedestal/Air Boot Outside Air Knock-Out

Rear Blower Knock-Outs
REMOVE THESE KNOCK-OUTS
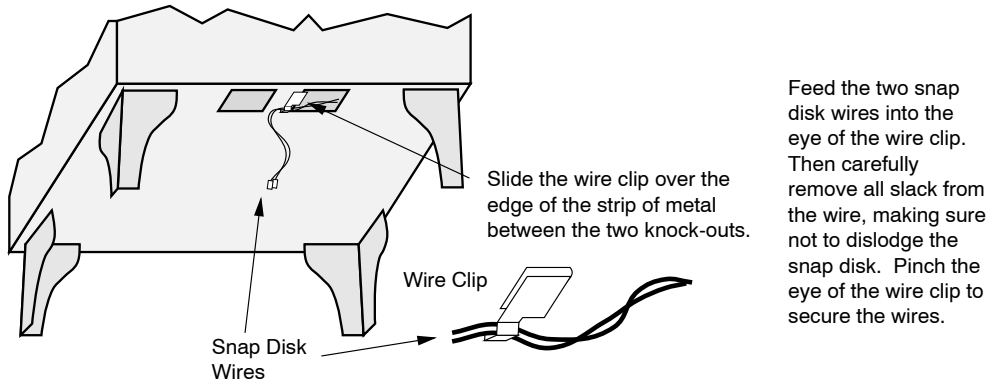
TRAVIS INDUSTRIES
HOUSE OF FIRE

2. **Install the snap disk assembly.**

   NOTE: For the Endeavor and Liberty follow step 2B. For all other models, follow step 2A.

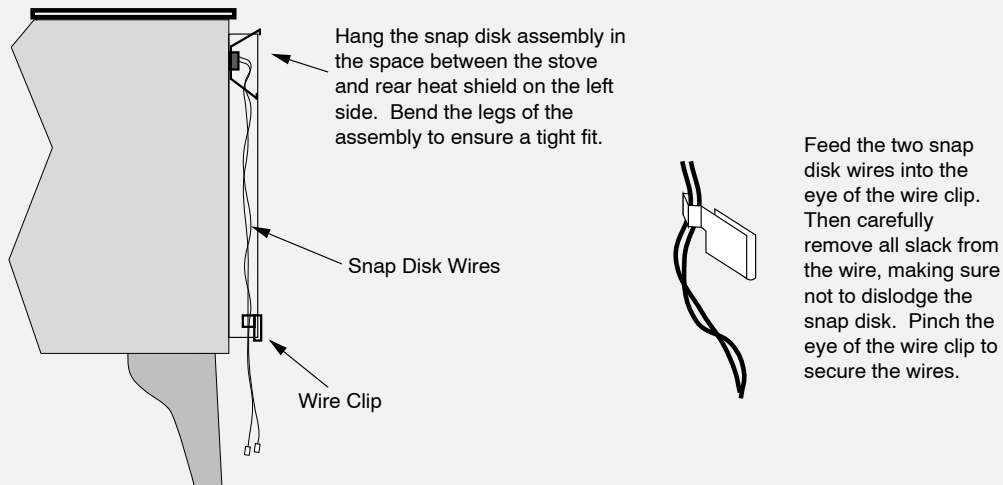   2A   Install the snap disk assembly into the left side convection chamber following the directions below.

Snap Disk
Assembly

Ashlip

Wedge the snap disk
directly in front of the
stiffener on the left side.

Bend these legs on
the snap disk if it
does not fit tightly

Twist the wires together and feed them
through the convection chamber and
out of the knockout removed in step 1.

   2A   Secure the snap disk wires in place following the directions below. Go to step 3.

Feed the two snap
disk wires into the
eye of the wire clip.
Then carefully
remove all slack from
the wire, making sure
not to dislodge the
snap disk. Pinch the
eye of the wire clip to
secure the wires.

Slide the wire clip over the
edge of the strip of metal
between the two knock-outs.

Wire Clip

Snap Disk
Wires

NOTE: **The wires must be properly secured to prevent them from
contacting the firebox and shorting out the blower circuit.**

2B   (Liberty, Endeavor only)

Install the snap disk assembly inside the heat shield following the directions below. Secure the snap disk
wires in place following the directions below.

Hang the snap disk assembly in
the space between the stove
and rear heat shield on the left
side. Bend the legs of the
assembly to ensure a tight fit.

Feed the two snap
disk wires into the
eye of the wire clip.
Then carefully
remove all slack from
the wire, making sure
not to dislodge the
snap disk. Pinch the
eye of the wire clip to
secure the wires.

Snap Disk Wires

Wire Clip
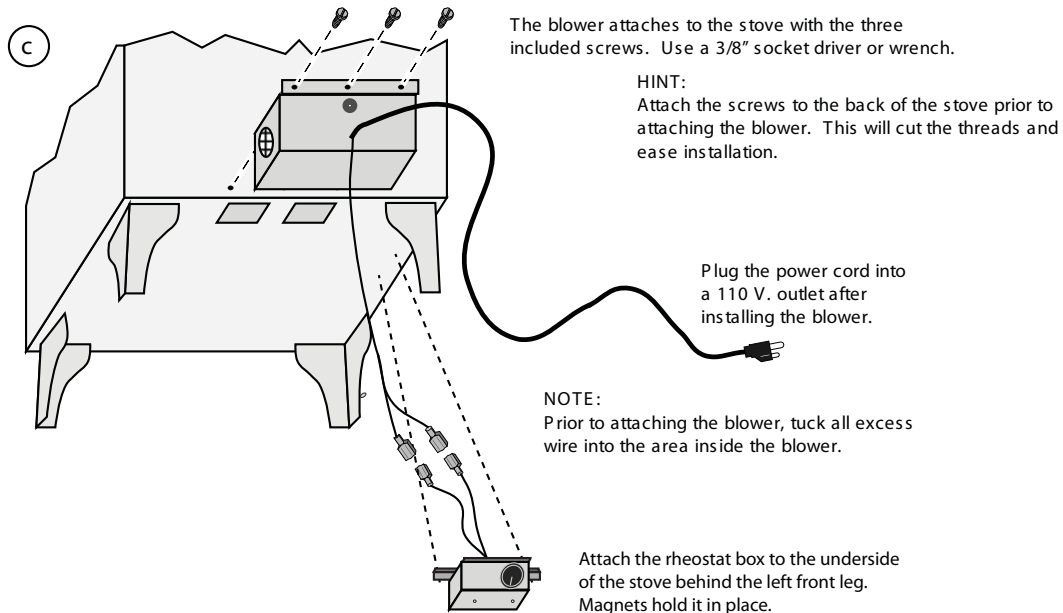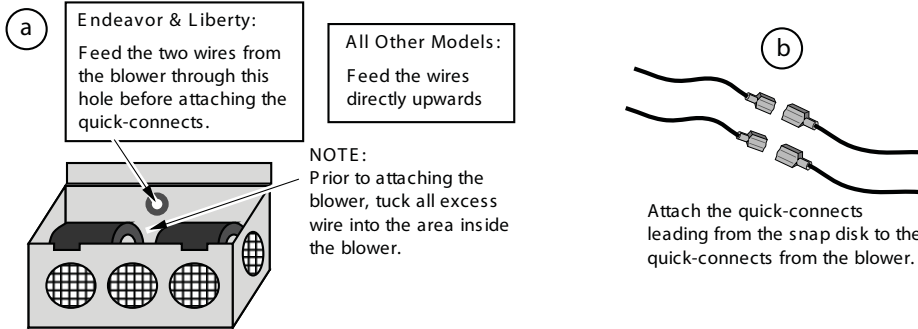
Secure the snap disk wires in place following the directions below.

**NOTE: The wires must be properly secured to prevent them from contacting the firebox and
shorting out the blower circuit.**

TRAVIS INDUSTRIES
HOUSE OF FIRE

3. Place the blower near the bottom rear edge of the stove. Attach the quick-connects from the snap disk assembly to the quick-connects on the blower. Push any slack wire into the blower box. Attach the blower following the directions below.

4. Attach the rheostat and rheostat mounting bracket to the underside of the stove, behind the left front leg. Magnets hold it in place.

a

Endeavor & Liberty:

Feed the two wires from the blower through this hole before attaching the quick-connects.

All Other Models:

Feed the wires directly upwards

b

NOTE:
Prior to attaching the blower, tuck all excess wire into the area inside the blower.

Attach the quick-connects leading from the snap disk to the quick-connects from the blower.

c

The blower attaches to the stove with the three included screws. Use a 3/8" socket driver or wrench.

HINT:
Attach the screws to the back of the stove prior to attaching the blower. This will cut the threads and ease installation.

Plug the power cord into a 110 V. outlet after installing the blower.

NOTE:
Prior to attaching the blower, tuck all excess wire into the area inside the blower.

Attach the rheostat box to the underside of the stove behind the left front leg. Magnets hold it in place.

The blower is shown in the photo below.
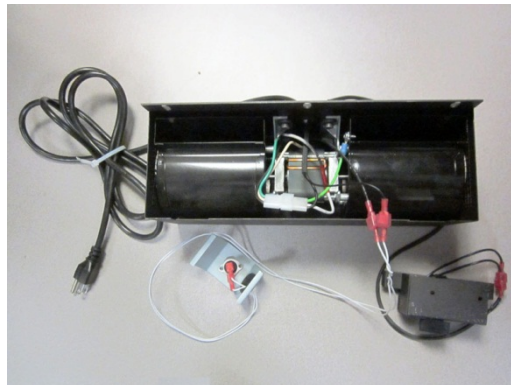
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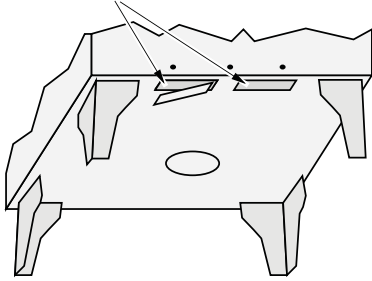HOUSE OF FIRE**

1750 Installation Instructions

(b) Place the snap disk assembly over the snap disk extender (included with the stove) and bend these tabs to secure.

(a) Remove these two knock-outs on the bottom of the stove (use a screwdriver to pry them out).

Snap Disk Assembly
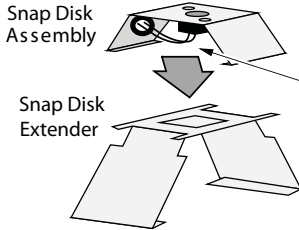
Snap Disk Extender

Disconnect these wires to install the extender (re-connect after the extender is attached).

(c) Wedge the snap disk into the convection channel. Bend the legs on the extender, if necessary, so the snap disk contacts the firebox.
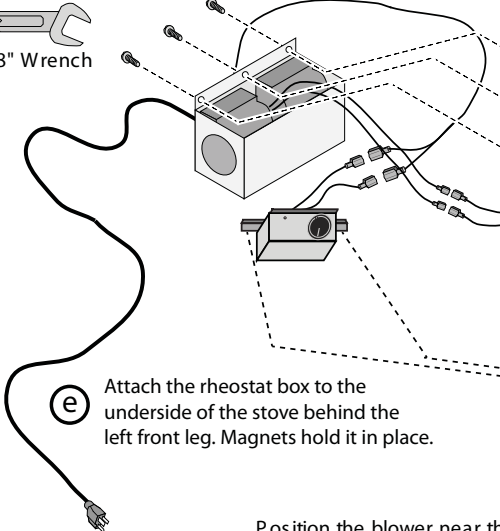
Ashlip
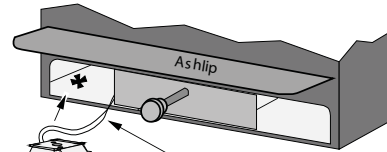
Twist the wires together, feed them through the convection chamber, out the knockout, and attach to the leads on the blower.

(g) Attach the blower to the stove with the three screws included with the blower.
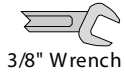
(d) Attach the wires from the thermodisk to the wires from the blower.

3/8" Wrench

(e) Attach the rheostat box to the underside of the stove behind the left front leg. Magnets hold it in place.

(f) Position the blower near the rear of the stove. Tuck all excess wire into the blower box, making sure it does not contact any moving parts. Make sure when installing the blower, these wires do not become loose.

(h) Plug the blower in. Do not route the power cord under or over the stove or in a location where it may become damaged.

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HOUSE OF FIRE

Leyden and Arbor Installation Instructions (Rev 005 or Later – See Note Below)

NOTE: If you have a Leyden or Arbor Rev 004 or earlier (last built in July, 2010), you will need to slide the included snap disk into the convection chamber behind the flue and route the wire externally to the blower.

The following instructions are for Leyden and Arbor wood stoves with the built in thermodisk (serial # 1110-009120 or greater for Leyden, serial # 1307-003086 or greater for Arbor).

a

Discard the snap disk that is included with the blower.

c

Remove the two cover plates on the back of the stove. Route the wires from the blower through the convection channel, through the access holes and attach to the built-in snap disk as shown to the left. (NOTE: The grommets are cut to allow the quick-connects to pass through.) Pull the slack out of the wire and replace the cover plates to conceal the wiring.

b

Place the blower near the back edge of the stove.

3/8" Wrench

f

Attach the blower to the stove with the three screws included with the blower

e

Use the 2 included M8 bolts to attach the rheostat bracket (upside down) to the underside of the stove behind the left front leg.

d

With the blower near the rear of the stove, tuck all excess wire into the blower box, making sure it does not contact any moving parts. Make sure when installing the blower, these wires do not become loose.

g

Plug the blower in. Do not route the power cord under or over the stove or in a location where it may become damaged.