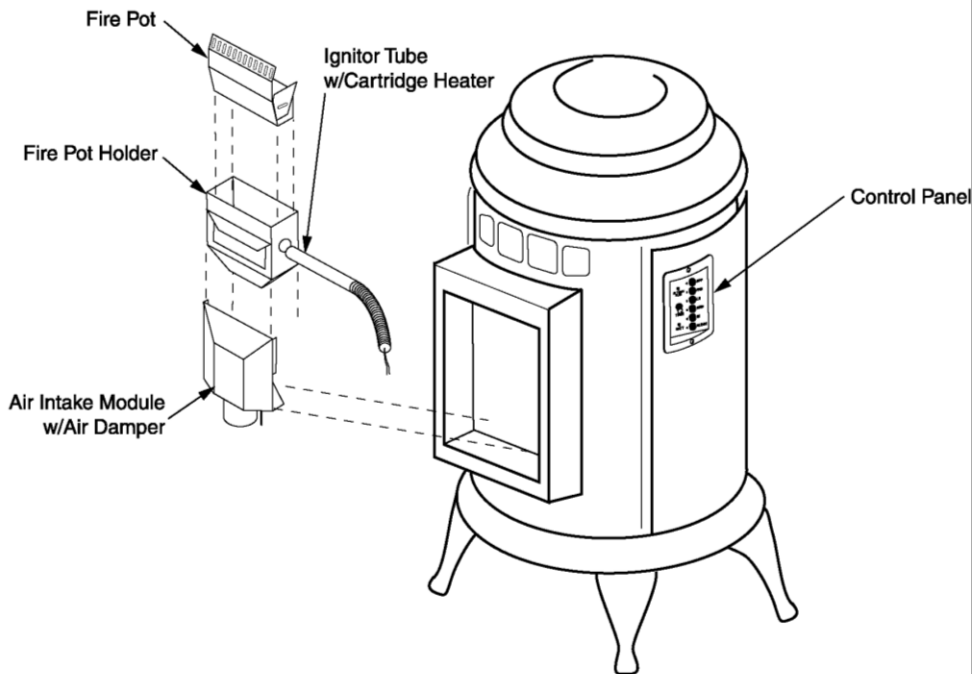


Theelin Hearth Products

How To Replace the Igniter in the Gnome Pellet Stove



How to Replace the Igniter in the Gnome Pellet Stove

Step 1

CAUTION: Unplug power cord prior to performing any service on stove. Ensure stove has cooled down.

Locate Switch Panel on stove. When facing the front of the stove the Switch Panel is located on the right hand side.



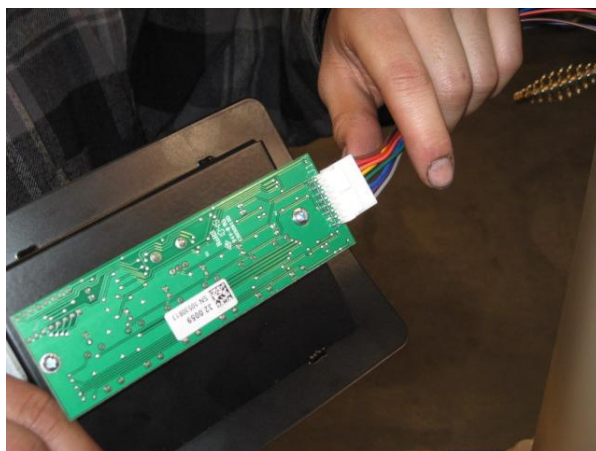
Step 2

Remove (2) black 8-32 phillips pan head screws.



Step 3

Carefully lift Switch Panel out of Wrapper and unplug connector.



How to Replace the Igniter in the Gnome Pellet Stove

Step 4

Apply masking tape to Bottom Ring below the front of the Wrapper (both sides). This will protect the Bottom Ring from scratches while the Wrapper is removed.



Step 5

Apply masking tape to Bottom Ring below the front of the Wrapper (both sides). This will protect the Bottom Ring from scratches while the Wrapper is removed.



Step 6

Place a rag over the Exhaust Port in the back of the stove. This will protect the Wrapper when removing the Wrapper.



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Step 7

Locate the (6) T30 Torx screws on the left and right hand side of the Wrapper.



Step 8

Locate the (6) T30 Torx screws on the left and right hand side of the Wrapper.



Step 9

Carefully remove all (6) T30 Torx screws with a T30 driver.

*Note: when replacing the Wrapper, the stainless steel washer goes between the screw head and the Wrapper. The mica washer goes between the Wrapper and the stove.



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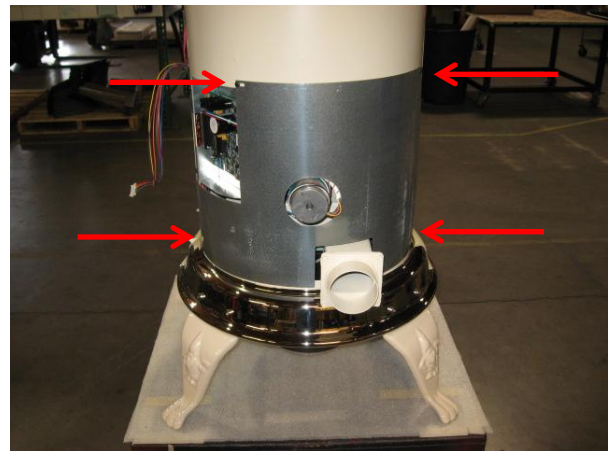
Step 10

Carefully remove the Wrapper from the stove.



Step 11

Remove the (4) 8-32 black philips pan head screws on Rear Inspection Cover.



Step 12

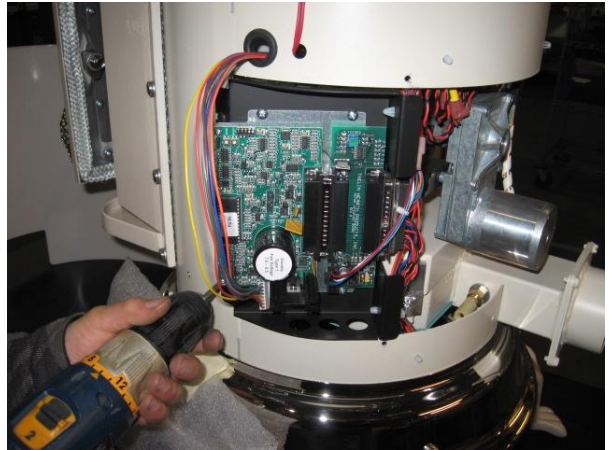
Remove the Rear Inspection Cover and set aside.



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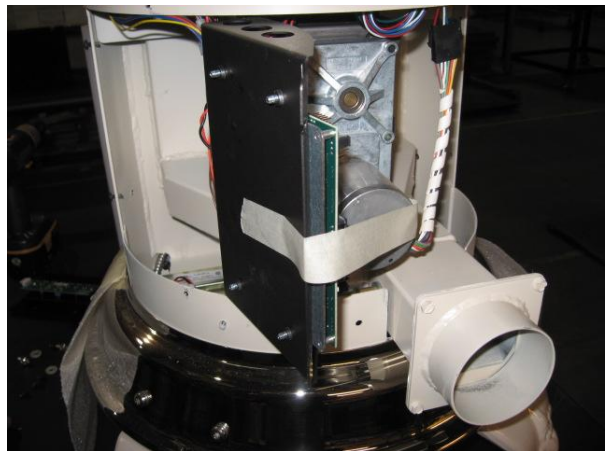
Step 13

Remove (2) 8-32 phillips screws holding Circuit Board to the stove.



Step 14

Use masking tape to tape back Circuit Board to Feed Motor. By doing this, the Circuit Board will remain out of the way.



Step 15

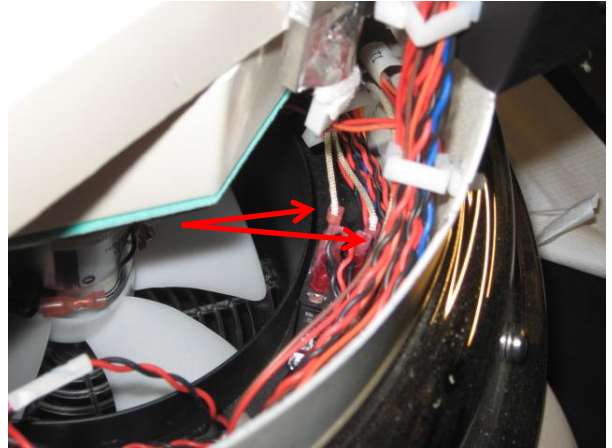
Cut zip tie holding Ignitor to the stove. Zip tie is located underneath Bottom Ring.



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Step 13

Disconnect Ignitor wires from Transformer. Ignitor wires are two white braided wires as shown in photo.



Step 14

Open Front Door.



Step 15

Remove Firepot.



How to Replace the Igniter in the Gnome Pellet Stove

Step 16

Remove Firepot Holder.



Step 17

Remove Ignitor.

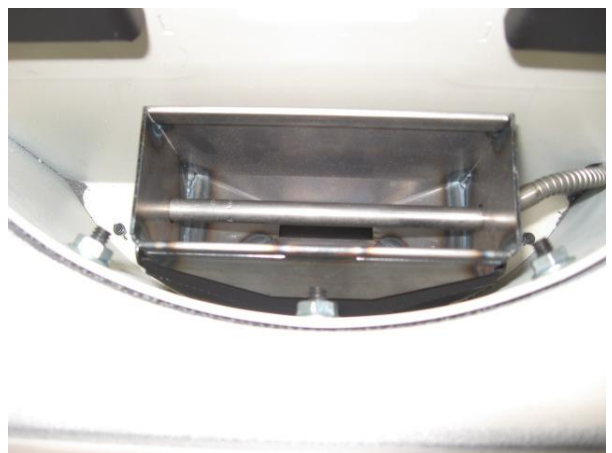
Note: Ignitor is sealed in place using high temperature sealant. You will have to break this seal and gently pull on Ignitor for it to release.



Step 18

Install new Ignitor.

Ensure Ignitor seats properly in Firepot Holder.



How to Replace the Igniter in the Gnome Pellet Stove

Step 19

Remove Firepot Holder.



Step 20

Caulk and fully seal Ignitor hole in stove. Use high temperature sealant.

Reassembly is reverse order of disassembly.

