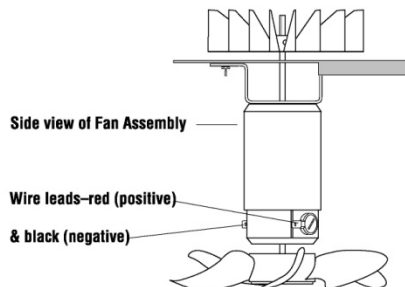
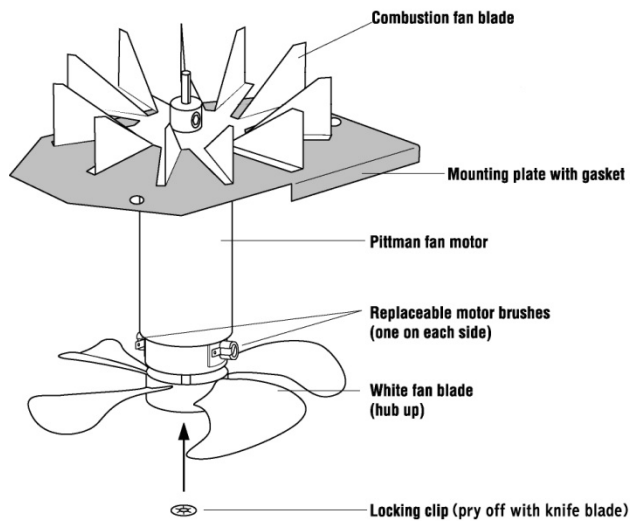


Thelin Hearth Products

How To Replace the Fan Motor in the Parlour and Gnome Pellet Stove



How to Replace the Fan Motor in the Parlour and Gnome Pellet Stove

Step 1

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

Remove pellets from Hopper.

Remove 5/16-18 shoulder bolt and aluminum washer holding Top Lid to stove.



Step 2

Remove Top Lid from stove. Set Top Lid aside.



Step 3

Remove Front Door from stove by opening door and gently lifting straight up. Set aluminum washers and Front Door aside.



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Step 4

Remove Firepot.



Step 5

Remove Clean Out Covers.



Step 6

GENTLY lay stove down on front face. Ensure carpet, padding or blankets are under stove.



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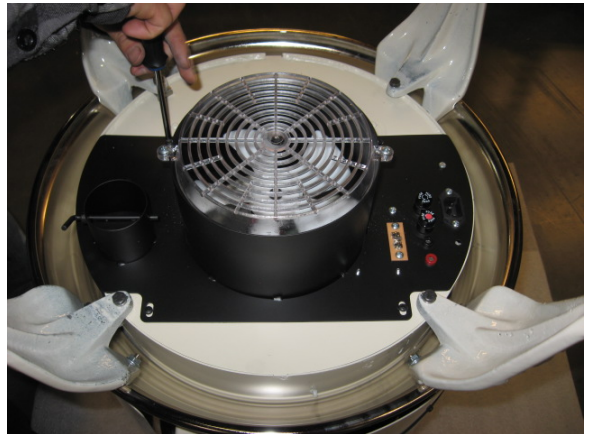
Step 7

Rotate stove so that stove is resting on Top Bell. Be careful not to damage the Hopper Switch.



Step 8

Remove (4) 8-32x3/8 black philips pan head machine screws holding Transformer to stove.



Step 9

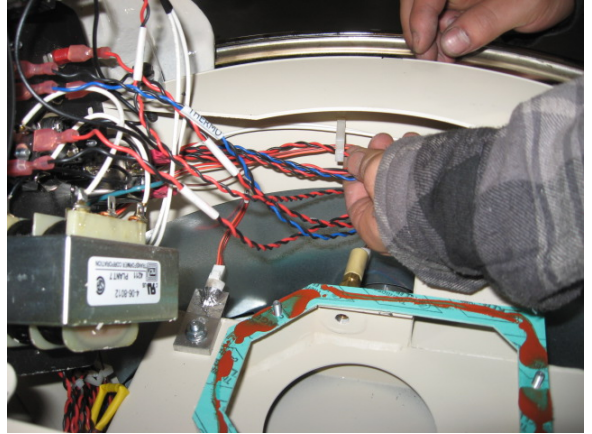
Lift Transformer off stove.



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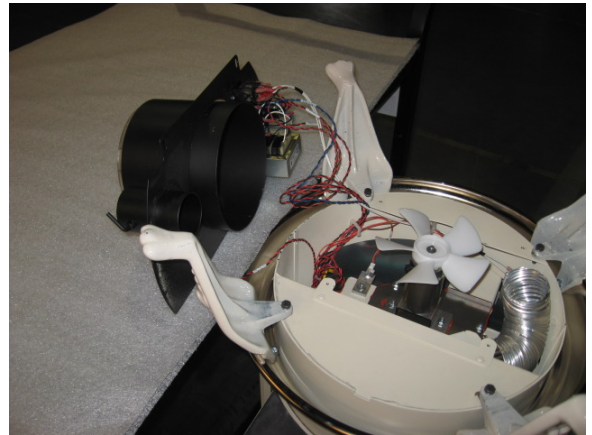
Step 10

Release Wiring Harness from wire saddle.



Step 11

Rest Transformer on cart or shelf.



Step 12

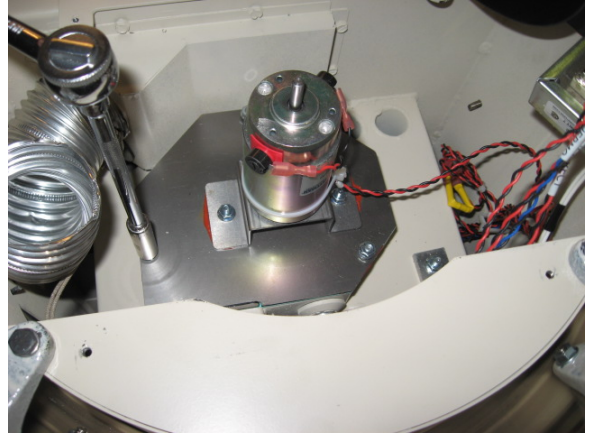
Remove Fan Blade from Fan Motor assembly. Lock washer may need to be pried off with knife.



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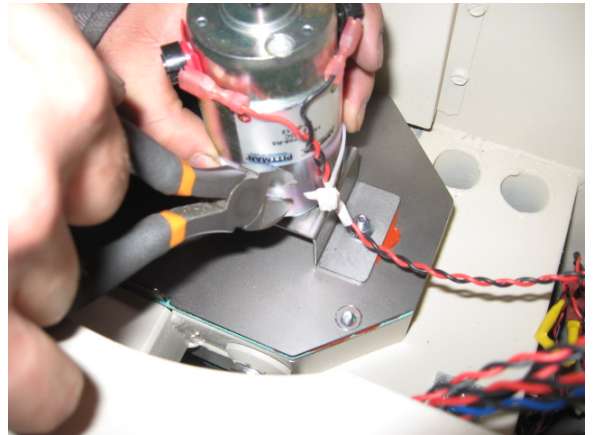
Step 13

Remove (3) 10-32 hex nuts holding Fan Motor assembly to stove using a 3/8" socket with 6" extension.



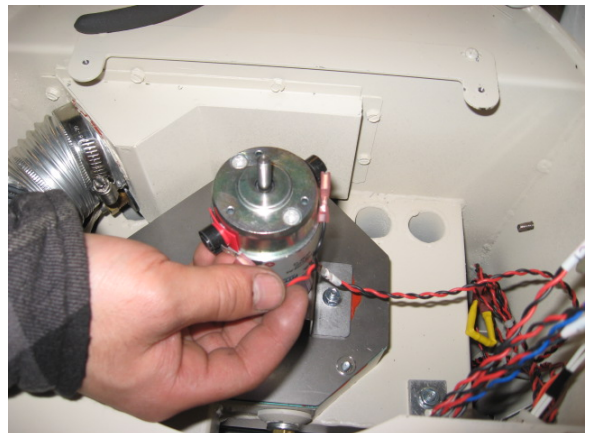
Step 14

Cut zip tie holding Fan Motor wires to Fan Motor assembly.



Step 15

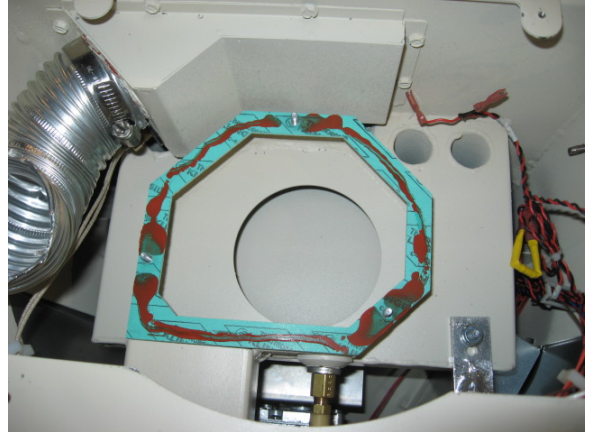
Unplug Fan Motor wires from Fan Motor.



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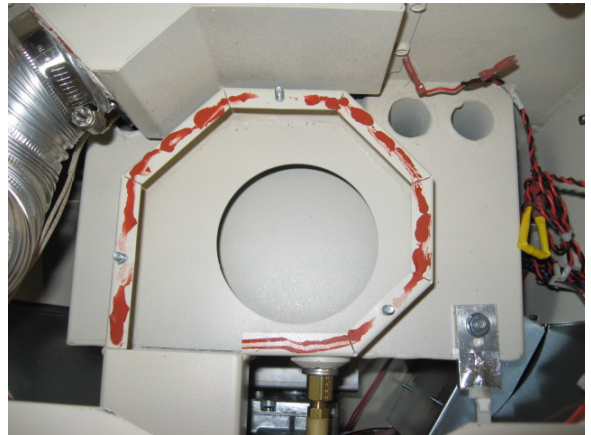
Step 16

Remove Fan Motor assembly. When removing Fan Motor assembly the silicone seal will have to be broken (orange sealant in photo). Gently rocking back and forth will loosen and release the Fan Motor assembly.



Step 17

Remove Fan Motor gasket.



Step 18

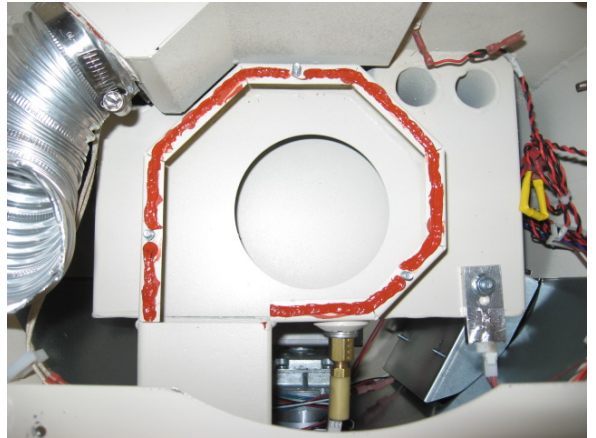
Scrape off old sealant from stove.



How to Replace the Fan Motor in the Parlour and Gnome Pellet Stove

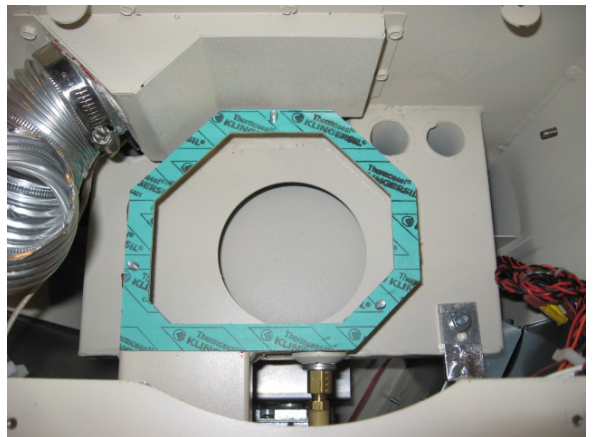
Step 19

Apply high temperature sealant around Fan flange on stove.



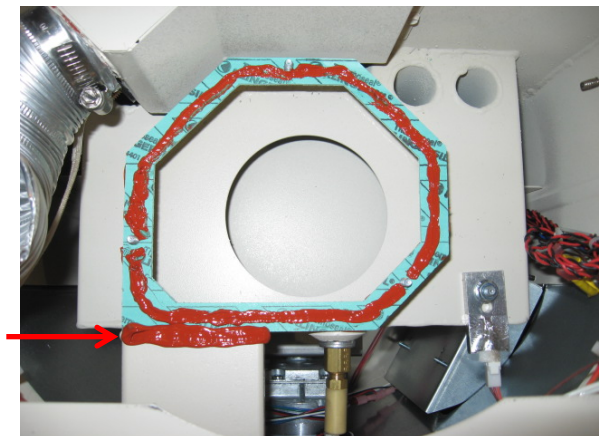
Step 20

Install new gasket.



Step 21

Apply high temperature sealant on top of gasket and where gasket meets exhaust port. Note sealant on area between Fan and exhaust port.



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Step 22

Install Fan Motor assembly.

Reassembly is reverse of disassembly.

