

Thermo-Control[®]

The ultimate wood burning system.

Bi-Metallic Thermo-Coil Instructions

- (1) Remove the top cover from the Draft Control box located on the front door of your stove/furnace/boiler.
- (2) Remove the cotter key at the end of the Control Handle (end that is inside the control box).
- (3) Then remove the old metallic coil that is hooked to the Linkage Wire. **DO NOT** unhook the linkage wire from the Closure Door.
- (4) Thread the new Bi-Metallic Thermo-Coil looped end down over the top of the Linkage Wire so that it is placed in proper place as shown on the sketch that is enclosed.
- (5) It is **important** that the looped end of the Bi-Metallic Thermo-Coil is as shown on the enclosed sketch. It should be down-facing away from the stove door.
Then slide it into the slot on the end of the control rod.
NOTE: If loop is facing stove door, it is **wrong**. Please rethread it over the Linkage Wire, otherwise you will have a very unsafe condition that will cause overheating and possible damage to your stove and home.
- (6) After proper installation of the Thermo-Coil, then slip the new washer over the control rod, (washer should be next to the Thermo-Coil spring) and then insert the new cotter key into the remaining hole.
- (7) Now that you have completed the installation **PLEASE TEST** to confirm that it operates properly before replacing the cover to the top of the Control Box.

WARNING: Incorrect installation will result in a VERY dangerous condition as the automatic coil will open rather than shut down the air supply when the stove starts to overheat.

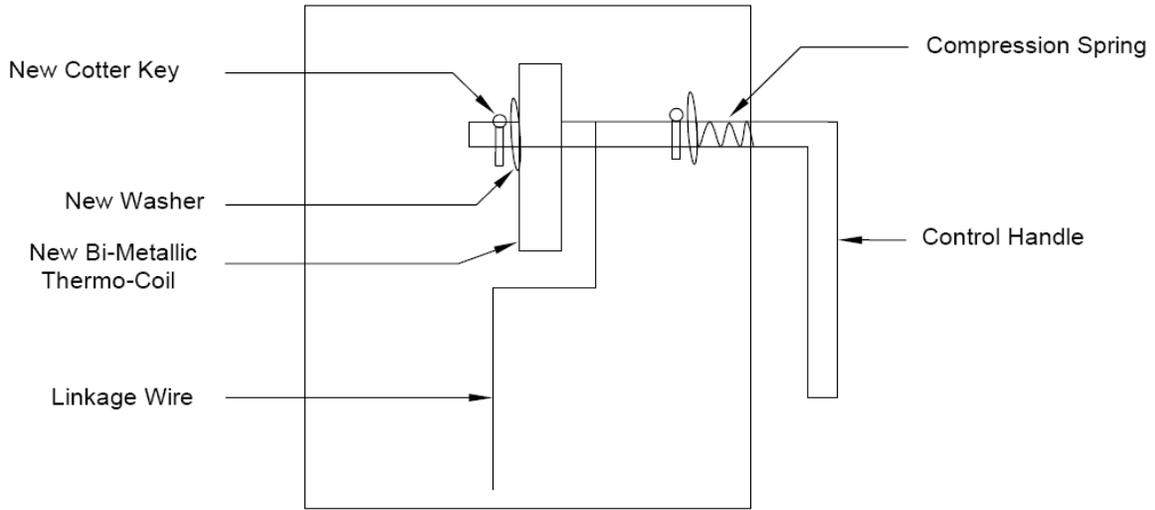
To Test:

- (1) Position the control handle in the upward position (wide open).
- (2) Using a hair dryer, apply heat to the Bi-Metallic Thermo-Coil area, and you should see the closure door slowly close down. If it does, then you have done a great job and will be well rewarded by even heat and fuel savings.

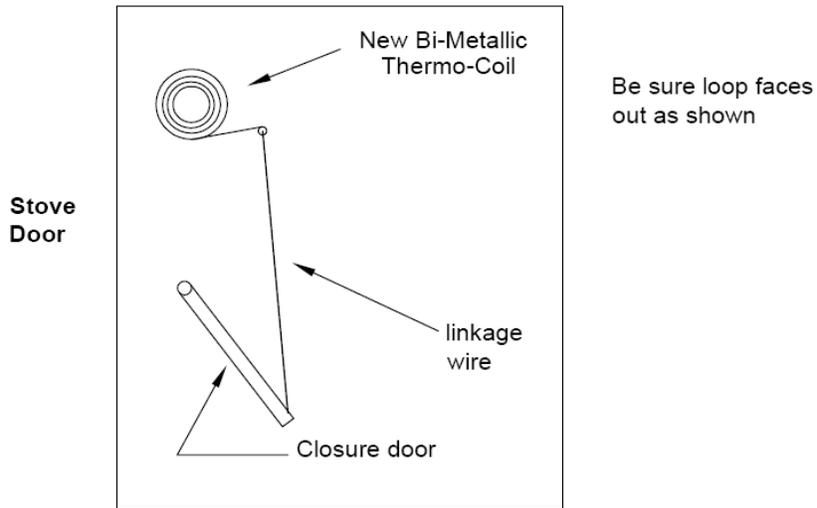
After installation, the Bi-Metallic Thermo-Coil will automatically sense any change of temperature of your stove and automatically open or close the air supply to help maintain even burning temperatures and conserve wood.

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FRONT VIEW



SIDE VIEW

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