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Technical Data Sheet

H Model Primary Air Control Replacement Instructions

Assembly Number 94-58400

Used On H-I Original Models*, H-II, and Harvest Models **

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- **NOTE:** This assembly is used to replace the bi-metallic coils on the original H-I (1978 –1988 versions) and H-II (1981 – 1988) model stoves. It is also used on the Prod Harvest (1988 – 1998) and the Mod Harvest (1989 – 1992). It is not used on the H-I EPA Exempt Model (1990 – 1998)* or the Mod-A Harvest (1992 – 1995)**.

Assembly Contents:

High / Low Plate
Manual Lever
Control Arm
¼"-20 x ¼" Slotted Round Head Bolt
8-32 x 1" Hex Head Bolt
8-32 Hex Nut
Throttle Stops (2)
Inconnell Spring

Tools Required:

Slotted Screwdriver
8-32 Wrench
Pliers

- **Before You Begin**: Ensure the fire is out and the stove is cool to the touch.

Refer to the diagram as needed to verify the placement of any of the primary air control components.

Procedure:

1. Using the 8-32 bolt and nut, attach the control arm to the manual lever as shown in the illustration. Snug the nut, but do not tighten.
2. Remove the original bi-metallic coil or primary air control from the back of the stove. The high/low plate is used only on the Harvest stoves that will have two threaded holes in the top. If you are attaching the control to either the H-I or H-II, discard the high / low plate.
3. Insert the inconnell spring into the hole in the stove (the hole nearest the flue collar on the Harvest).
4. While holding the control arm outward (toward the side door), screw the manual lever into the hole where you have just inserted the ball bearing. The control arm should be loose enough to allow you to turn the lever into the top until it has some tension against the ball bearing and spring. Position it so that the lever is straight up and the control arm is to the right. Tighten the 8-32 nut.
5. On the Harvest models only, install the high / low plate in the hole beside the installed lever. Secure it with the ¼" bolt.
6. Use a 1/16" rod (not supplied in this kit) to connect the control to the primary intake cover by threading one end of the rod up through the hole on the control arm while allowing the other end of the rod to drop through the hole in the primary air cover. Place one brass throttle stop on the rod above the control arm and tighten with a screwdriver. The second throttle stop will be placed below the primary air cover and tightened in similar fashion.
7. Rotate the lever to open or close the primary air cover. Refer to the owner's manual for the proper operation of the air intake.

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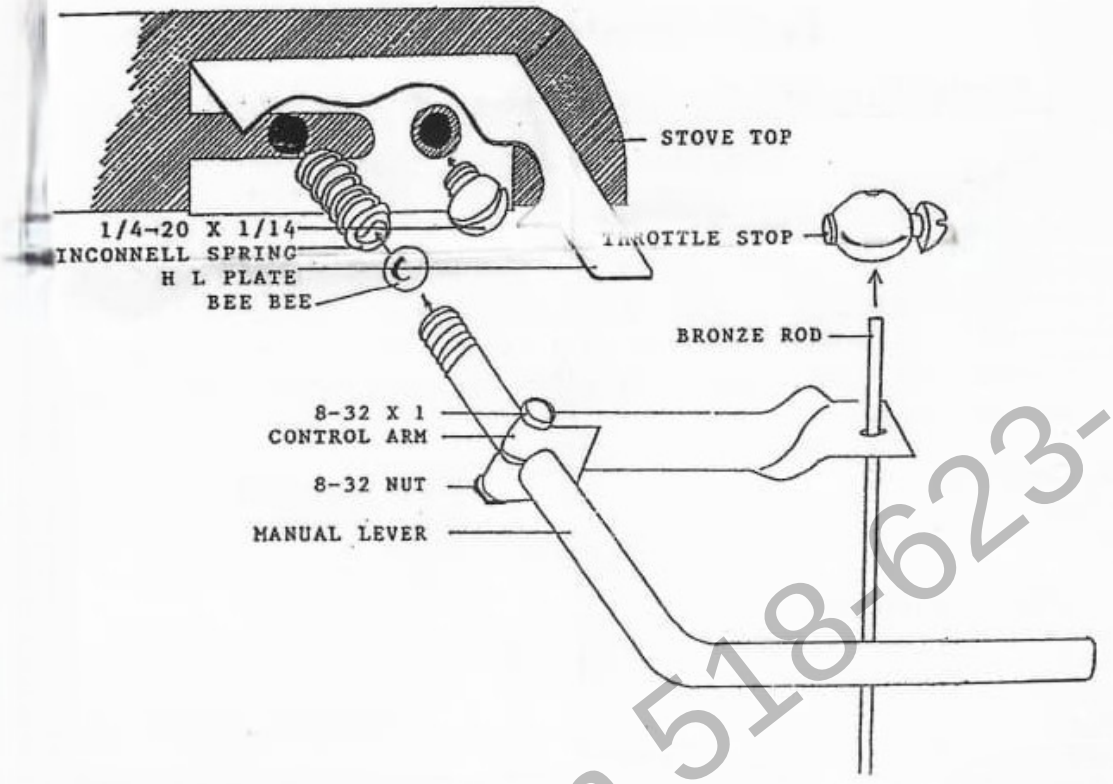

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