

CATALYTIC COMBUSTOR, REPLACEMENT

The catalytic thermometer on top of the stove should read in the active zone after the stove has been in operation for several hours.

If the thermometer's indicator needle does not stay above the 1/3 mark in the active zone, even with a hot fire, over a 7-10 day period of regular use, the catalyst may need replacement.

If the combustor must be examined or replaced, follow this procedure:

1. Allow the stove to burn out and cool down.
2. Open the door and remove the flame shield - the perforated plate that is just above the inside of the door opening. Lift it slightly and pull it forward and down.
3. The combustor may now be seen. The combustor is held together by a stainless steel band. Use a screwdriver and gently pry under the band at each end. The combustor will loosen enough that it can be pulled forward, lowered and out through the door.
4. The insulating material around the stainless band will probably disintegrate as the combustor is removed. If the combustor is placed back in the stove, the insulating material MUST be replaced. Obtain a piece 2" x 30" from your dealer. When installing the insulation, overlap the ends slightly.
5. Do not burn the stove with the combustor removed, or without the insulation around the combustor.
6. To replace the combustor, first clean the combustor seat and the area around it. Also take this opportunity to clean the area around the by-pass -- use a vacuum cleaner.
7. Lift the new combustor into position, with the stainless flanges on each end and the bottom. The combustor should easily slide into position, as far to the back of the stove as possible. Don't be concerned if it appears a bit loose. The insulation around the outside of the stainless band will expand during the first fire and will hold the combustor in.
8. Replace the flame shield (the perforated plate) by holding it inside the firebox with the triangular wings facing away from you. Lift it into position, between the door and the catalyst, and rest the bottom of the plate on the two pins that protude below the catalyst. The flame shield should rest at an angle (about 45 degrees) with its bottom near the combustor, and its top near the stove front.

DOOR GLASS, CLEANING

The best way to keep the glass clean is to leave the stove on high burn for a period of time after each reloading. The moisture which is driven from a new load of wood contributes much of the creosote on the inside of the glass. Removing that moisture at the beginning of the burn cycle helps to keep the glass clean. Leaving the thermostat on a higher setting for 30 minutes to an hour before turning to low for an overnight burn will also help. Even then the glass may coat during a low burn. Heavier deposits may require hand cleaning. Manual glass cleaning should be done when the stove and glass are cool. DO NOT CLEAN THE GLASS WHILE IT IS HOT. Use a soft cloth and a NONABRASIVE household cleaner. After using any cleaner, thoroughly rinse the glass with water to remove any deposits left by the cleaner. Failure to remove