

# STOVE CATALYST REMOVAL , CLEANING & MAINTENANCE INSTRUCTIONS

## CATALYST REMOVAL

High Valley Stove Catalysts (2) are located in the CATALYST HOUSING inside the stove. The CATALYST HOUSING is a heavy metal channel (4" wide X 20" long X 2.5" thick"), bolted to the top of the stove just inside the door.

The CATALYST HOUSING is attached to top of stove with four bolts & nuts. The bolts & nuts that are along the front edge are visible from the front with the door open (*Fig. 1*). The other bolts & nuts are along the back edge and are not visible.

Using a 9/16" wrench or socket, slowly loosen all four nuts that hold the CATALYST HOUSING in place. The CATALYST HOUSING is heavy so use caution as you loosen the nuts; the Housing may fall down as the nuts come off.

Carefully remove CATALYST HOUSING from inside the stove. CATALYSTS are visible inside the top of the CATALYST HOUSING. **DO NOT** remove CATALYSTS from CATALYST HOUSING unless they are severely damaged or destroyed.

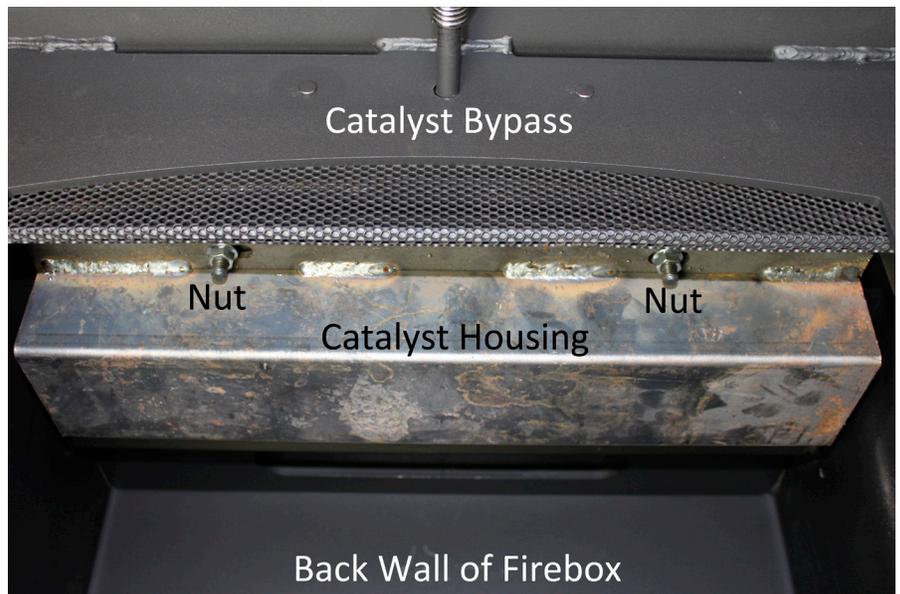


FIG. 1

## CATALYST CLEANING

Remove CATALYST HOUSING from stove as described above. Be aware that CATALYSTS and CATALYST HOUSING may be dusty and dirty. Take necessary precautions to avoid inhaling smoke or ash dust when cleaning CATALYSTS.

Gently vacuum off accumulated ash (*brush attachment works well*), being careful not to damage the CATALYSTS or the CATALYST GASKETS.

If you need to replace your CATALYSTS, CATALYST HOUSING or CATALYST GASKETING, please visit the Parts page of [www.highvalleystoves.com](http://www.highvalleystoves.com).

## CATALYST MAINTENANCE

In order to keep your catalyst in best shape possible, only burn cured wood with proper moisture content.

Always open the CATALYST BYPASS before opening stove door or adding wood to fire. Make sure no ash is floating around before you close the CATALYST BYPASS after loading wood.

CATALYSTS should only be engaged after they reach operating temperature. This will help wood to burn properly and keep the CATALYSTS as clean as possible. To ensure proper burn settings, you can purchase a CATALYST TEMPERATURE PROBE from the Accessories page of [www.highvalleystoves.com](http://www.highvalleystoves.com).



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