

Fig. 4

8. Insert the socket wrench and thread the 2nd nut onto the scraper rod sandwiching the plate between the two nuts.
9. Remove the socket wrench and vice grips. Reinstall the heat shield and trim rods. You're done.

SUGGESTIONS

Note: There are many reasons why your scraper rod may have broken. With this fix, it should not happen again. To prevent the scraper plate and rod from sticking in the future, please follow these tips.

- Pull the scraper rod frequently. The plate's likelihood of sticking increases if there is an excessive amount of buildup over time on the tubes.
- Pull the scraper rod while the stove is cold. The tubes expand under high heat and could cause the plate to stick when burning.
- If you start to feel a buildup of ash at the bottom of the far left and right tubes (behind the baffle), use the bottlebrush provided with the stove to reach back into the corners and clean out the ash.
- At least once a year, thoroughly clean out the fly ash buildup from the exchange tubes, exhaust passages and venting system (see Maintenance Requirements in the Installation and Operation Manual). Failure to remove an excessive buildup of ash can affect the proper operation of the scraper rod as well as result in other performance problems.

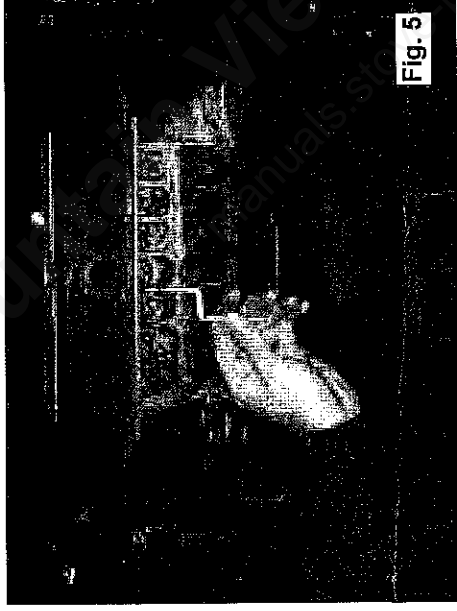


Fig. 5

7. Pull the scraper plate up towards the top of the heat exchanger and insert the scraper rod into the existing hole. If the scraper plate doesn't stay put when you let go, use the vice grips to clamp it in place.

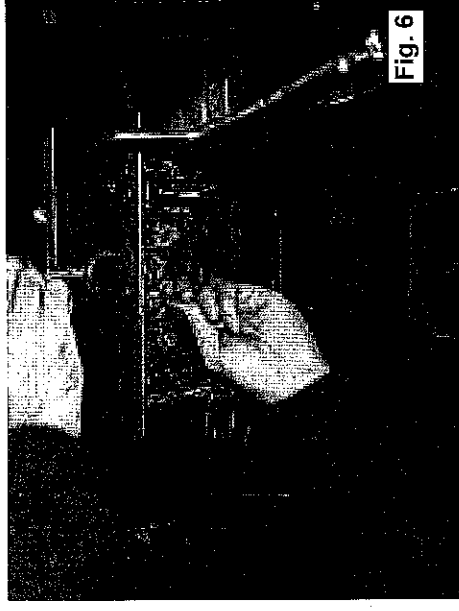


Fig. 6



Fig. 5



Fig. 6

- 5) With the scraper plate back to the bottom of scraper tubes, maneuver the straight wrench sideways and in-between the center tubes. Slide the straight wrench up towards the front of the heat exchange tubes and thread the new scraper rod into place (see figure 7).

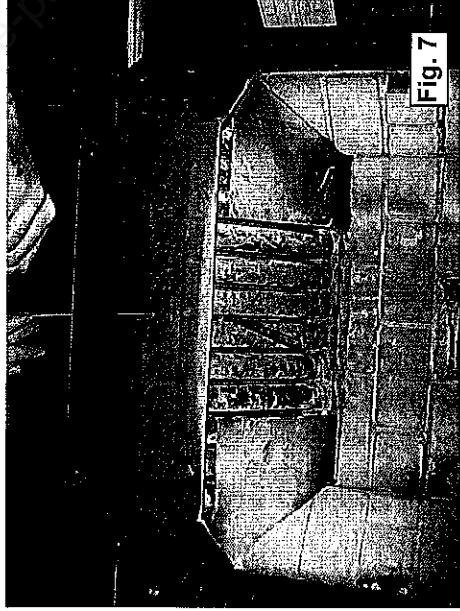


Fig. 7

Note: If the backside of the RIV nut on the scraper plate has broken off, thread the nut about a half an inch up the new scraper rod. If the RIV nut is still intact, thread the nut 3/4" up the rod.

- 6) Remove the straight wrench and prepare another 1/4-20 nut by repeating step 4.
- 7) Pull the scraper plate up towards the top of the heat exchanger and insert the scraper rod into the existing hole. If the scraper plate doesn't stay put when you let go, use vice grips to clamp it in place (see Fig 8).

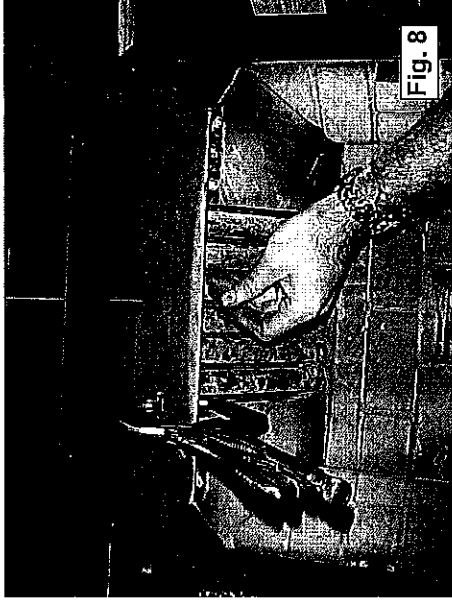


Fig. 8

- 8) Insert the straight wrench and thread the 2nd nut onto the scraper rod sandwiching the plate between the two nuts.
- 9) Remove the straight wrench and vice grips. Reinstall the heat shield. You're done.

SUGGESTIONS

Note: There are many reasons why your scraper rod may have broken. With this fix, it should not happen again. To prevent the scraper plate and rod from sticking in the future, please follow these tips.

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