

AK110, 180, and 220 Diffuser Support Replacement Instructions

1. Remove old diffuser support, don't worry if the bolts break off.
2. Remove the top of the furnace jacket
3. Retrieve the old nut plate with a grabber or magnet (NOTE: if you can't get it out it can be left in the furnace).
4. Remove the new part from the packaging and straighten out the sheet metal handle for holding the nut plate.
5. Drill out the holes in the furnace for the attaching bolts with a 9/16" drill bit, this will make installing the bolts easier.
6. Lower the nut plate into position and install the two lower bolts, thread them in a couple turns.
7. Slide the new diffuser support over the two bolts and tighten them enough so that the support is still able to slide.
8. Install the two remaining bolts and tighten all four bolts so that the support is secure.
9. the nut plate sheet metal handle on the nut plate is in the way of the jacket top, fold it out of the way.
10. Re-install the top jacket and slide the heat diffuser back onto the support bracket.

The pictures below provide detail of diffuser support on a furnace which is not completed to provide clarity of how the parts go on the furnace.

