

Removal of Suburban Furnace

Many parts are no longer available for the Suburban furnaces with the heat duct plenum on the bottom of the furnace cabinet as shown in Illustration A. In order to replace the complete furnace with the current NT-30M model the upper cabinet of the furnace must be removed from the plenum and the new furnace attached.

1. Remove furnace assembly from furnace cabinet.
2. Using a stiff putty knife or thin chisel, shear the cabinet walls off the top of the plenum. Do not attempt to cut in the area of the spot welds. Instead, cut right in the corner of the cabinet.
3. Tap down or file off any sharp edges.
4. Make sure the lower outside flange (#6 Illus. A) is against outside skin. If not, it can be tapped down and out with a block of wood.
5. Break off assembly bracket (#1 Illus. A) by bending back and forth repeatedly with pliers.
6. It is not necessary to remove the runners. (#4 Illus. A.)
7. Fabricate an aluminum angle (#2 Illus. A) that will fill in the front corner of the plenum. The top lip should be made wide enough to allow it to overlap the top of the plenum and fastened on each side with pop rivets.
8. Remove NT-30M furnace from its cabinet.
9. Rivet 1/2" x 1/2" aluminum angle to bottom of cabinet sides as shown in Illus. B.
10. Knock out bottom rectangular plug in bottom of cabinet.
11. Center new cabinet on old plenum making sure it is out against the outside skin.
12. Slide the fabricated aluminum angle (#2 Illus. A) into place and mark the outline of the rectangular opening in the bottom of the new cabinet on the top of the old plenum and aluminum angle. (#3 Illus. A)

