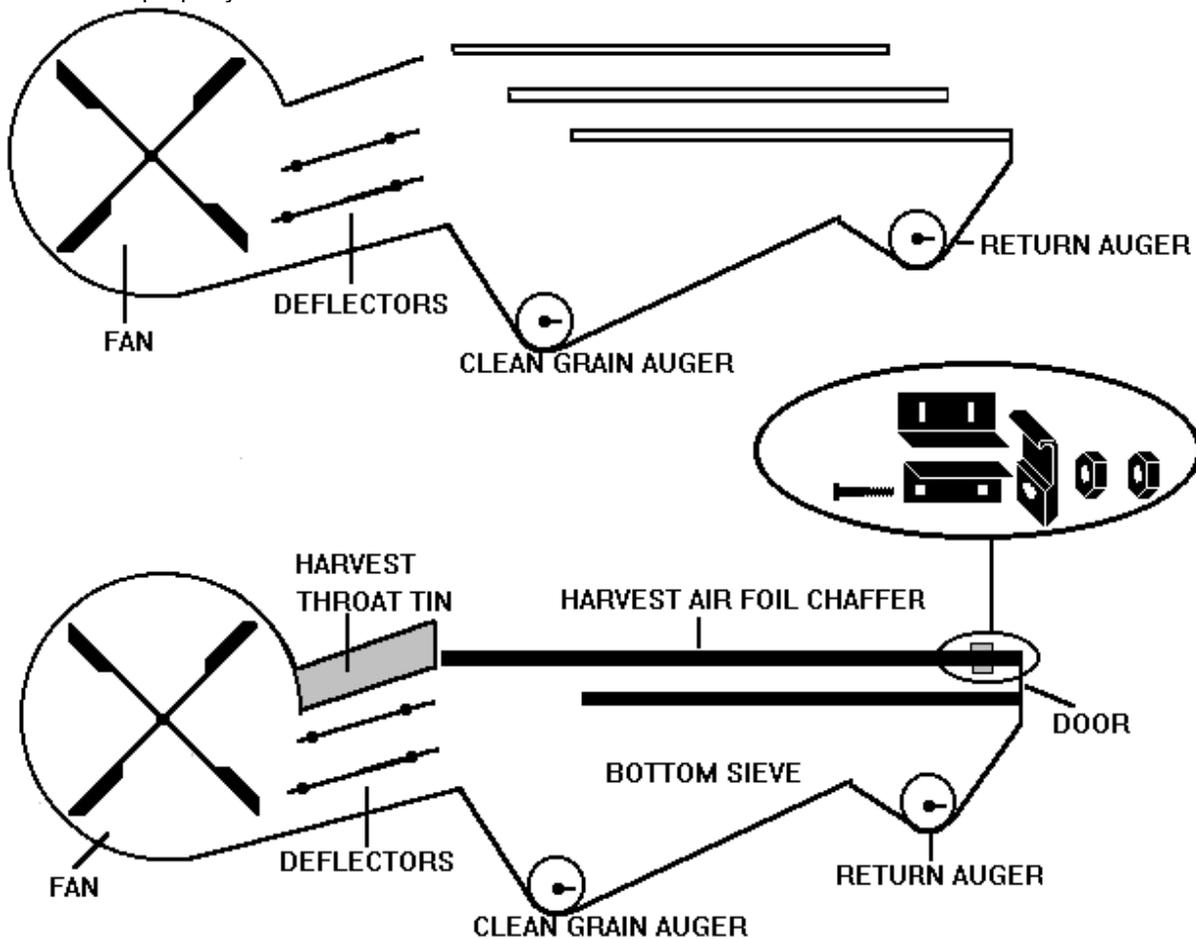


## MASSEY 410/510/550 BULLETIN THROAT TIN AND HARVEST AIR FOIL CONVERSION

**PROBLEM:** A new Throat Tin is required because the throat is too large to pressurize adequately.

**REASON:** Most of the fan's output is used up filling the throat. There is not enough air left to make the Air Foil work properly.



### SOLUTION:

**INSTALL THROAT TIN:** Remove all the sieves and the deflectors in the fan throat. Install the new throat tin in the top half of the fan housing (round end towards the fan). The curved end extends the original curve of the fan, extending the cutoff point down approximately 5". Use pop rivets or self-tapping screws. (We find it easier to insert the rivets along both sides of the tin and across the back of the tin - the area directly in front of the top chaffer slot.)

**INSTALL AIR FOIL CHAFFER:** Cut front sieve brace out of middle slot, move ahead to the front of the shoe. Weld the brace into position. Install bottom cleaning sieve. Slide Air Foil into middle slot. Position angle irons (that are supplied) as per drawing. Mark the location of bolt holes and drill. (The angle irons are required to give the Air Foil adequate support at the back end.) Bolt the bottom and top brackets into place. Tighten only the bottom set at this time. With the Air Foil in place, fasten to brackets with your old clamps and bolts. Fasten mount hooks through pipe on bracket and through nut on bottom chaffer. Tighten top brackets down against Air Foil. Install the Ripple Tin at the rear of the Air Foil, covering the last 13". Install air door with wing nuts already at the rear of the bottom sieve. Use a round hole sieve in front of the bottom cleaning sieve. This will give you a clean sample and it will not interfere with the air flow to the sieve or chaffer. Run the return section of the sieve 3/4 open or remove the tailing louvers.