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## Grain Tank Cross Ager Trough Liner KIT AGTJK004 for John Deere 9650STS, 9660STS, and 9750STS

**IT IS VERY IMPORTANT THAT YOU READ THE ENTIRE  
INSTRUCTION SHEET BEFORE STARTING INSTALLATION**

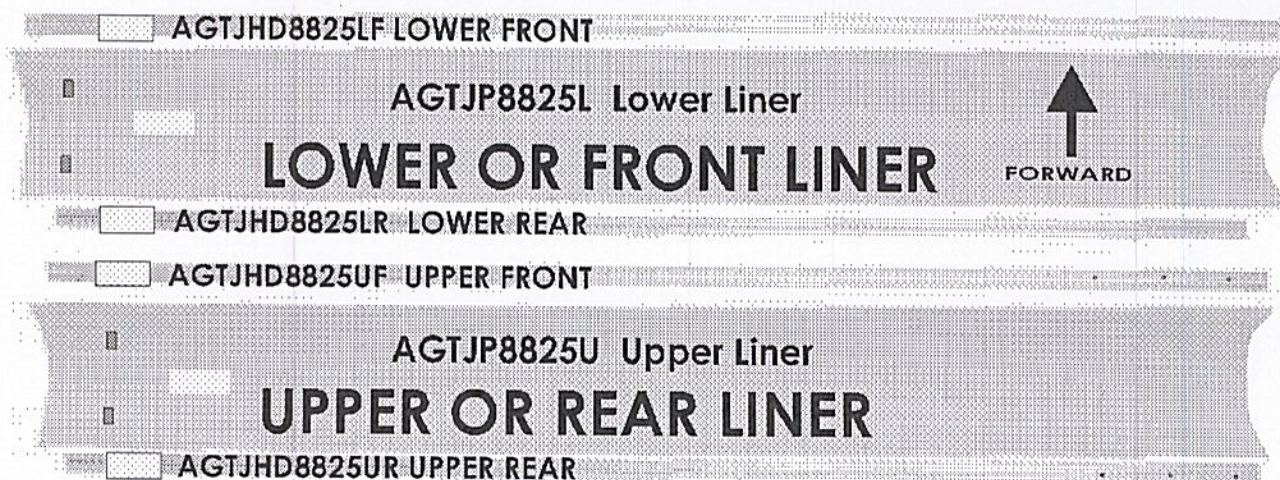
THE TERMS "LEFT", "RIGHT", "FRONT", and "REAR " ARE DETERMINED BY  
FACING IN THE DIRECTION THE COMBINE WILL TRAVEL WHEN IN USE.

PLEASE REFER TO THE OPERATORS MANUAL FOR YOUR  
SPECIFIC COMBINE FOR PERTINENT SAFETY PRECAUTIONS

### STEP 1

Compare the contents with the enclosed "packing slip" to confirm  
That you have received the correct panels and associated hardware.

### PANEL LAYOUT

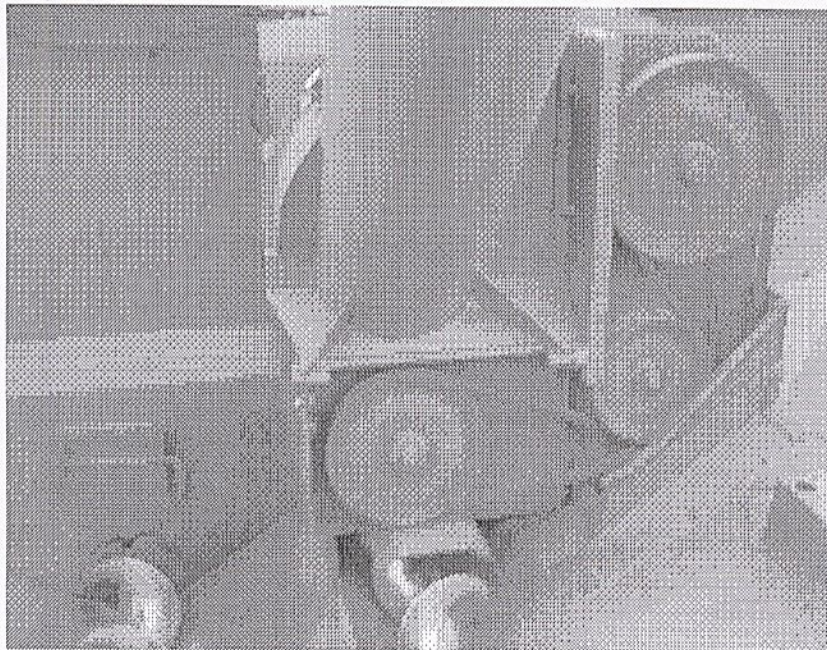
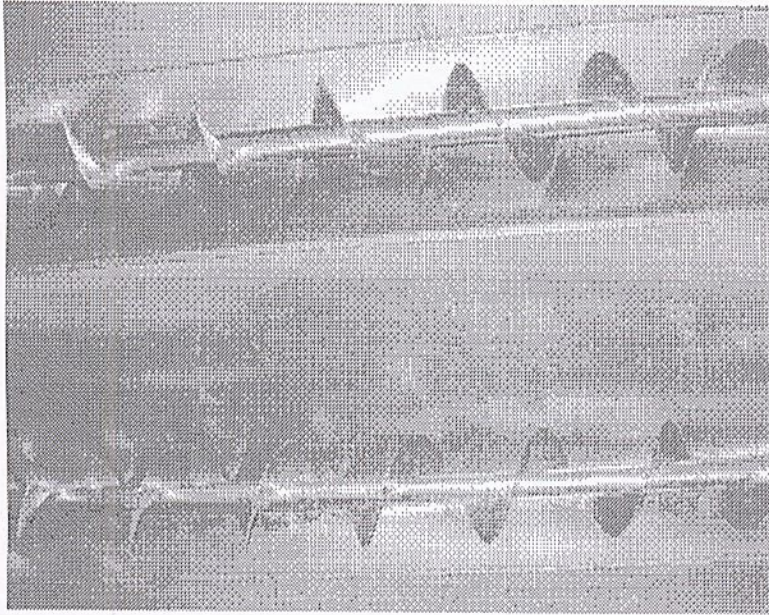




**STEP 2** Remove both auger covers and the two side panels from the clean grain elevator housing as pictured below.

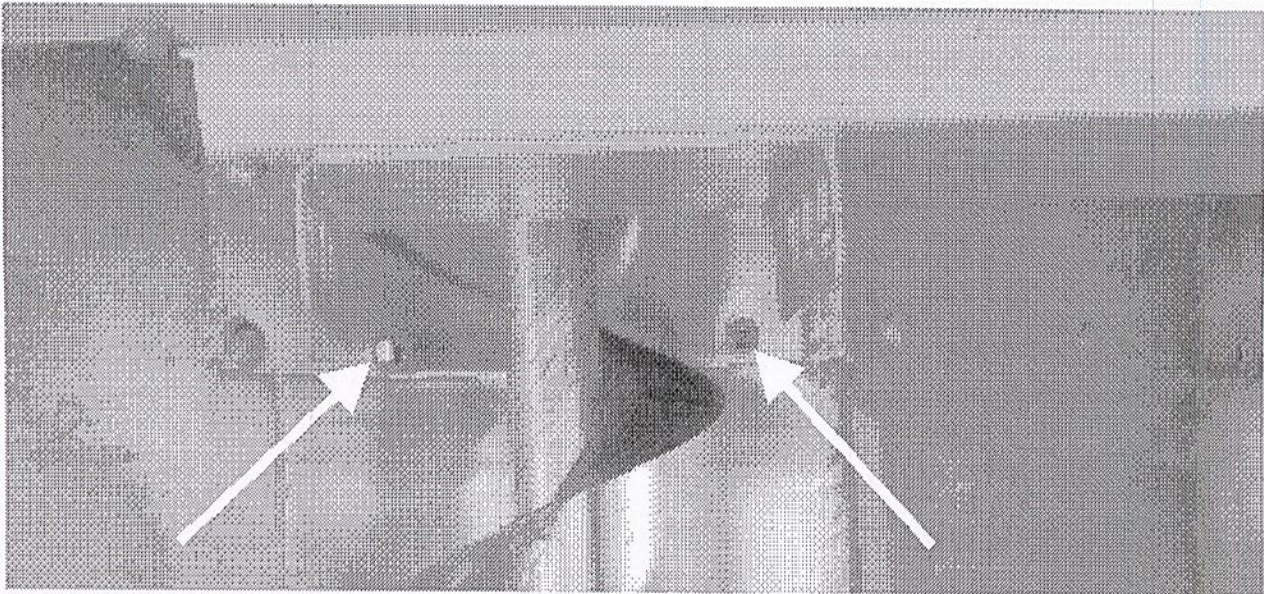
**IT IS NOT NECESSARY TO REMOVE THE AUGERS.**

THOROUGHLY CLEAN EACH AUGER TROUGH TO REMOVE ALL GRAIN, DUST AND CROP RESIDUE.

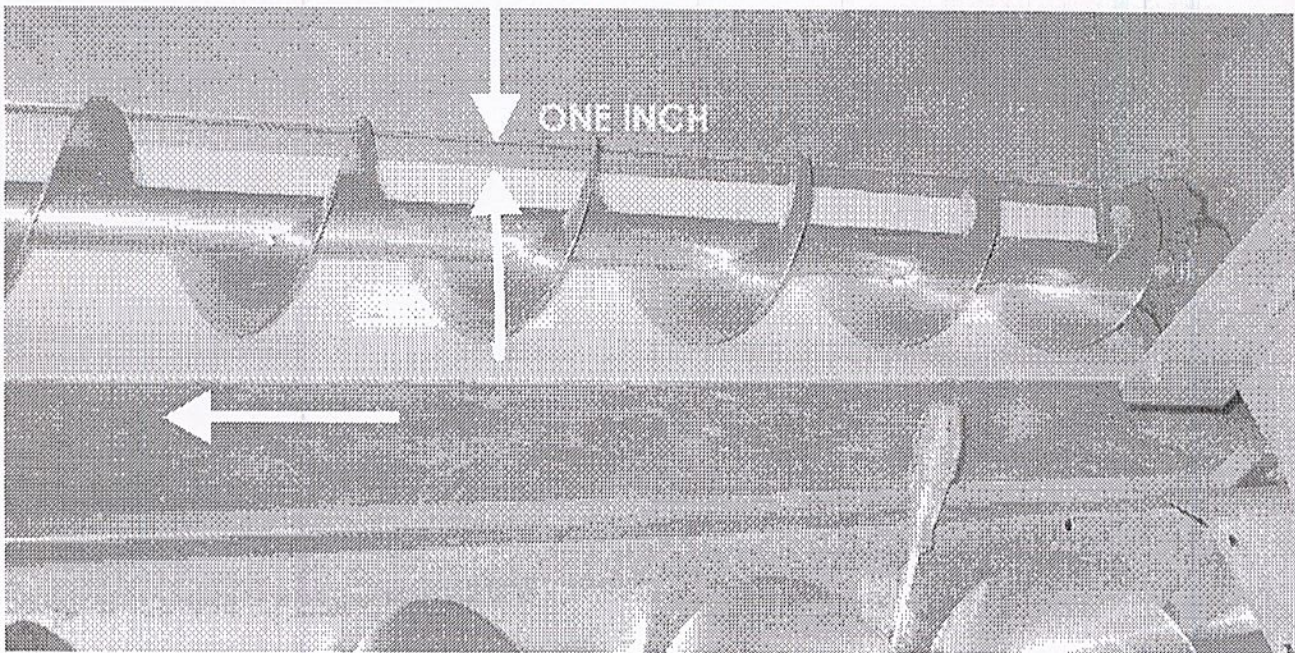




**STEP 4** Remove the two carriage bolts on the left end of the trough that correspond to the two rectangular cut outs in the poly liner.



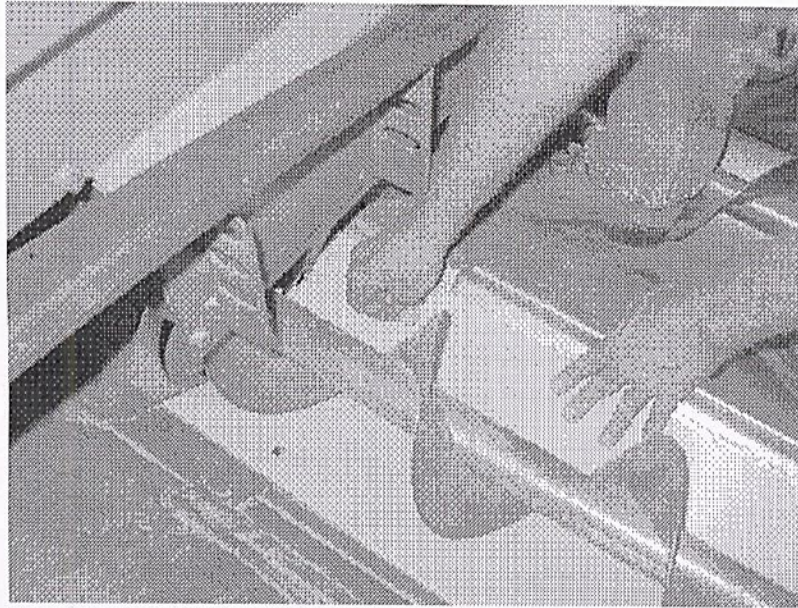
**STEP 5** Insert the liner labeled AGTJP8825L under the auger. Position the liner so that the front edge is 1 inch from the Tank seam as pictured below. Slide the liner to the left so that the left end is against the vertical lift auger housing.





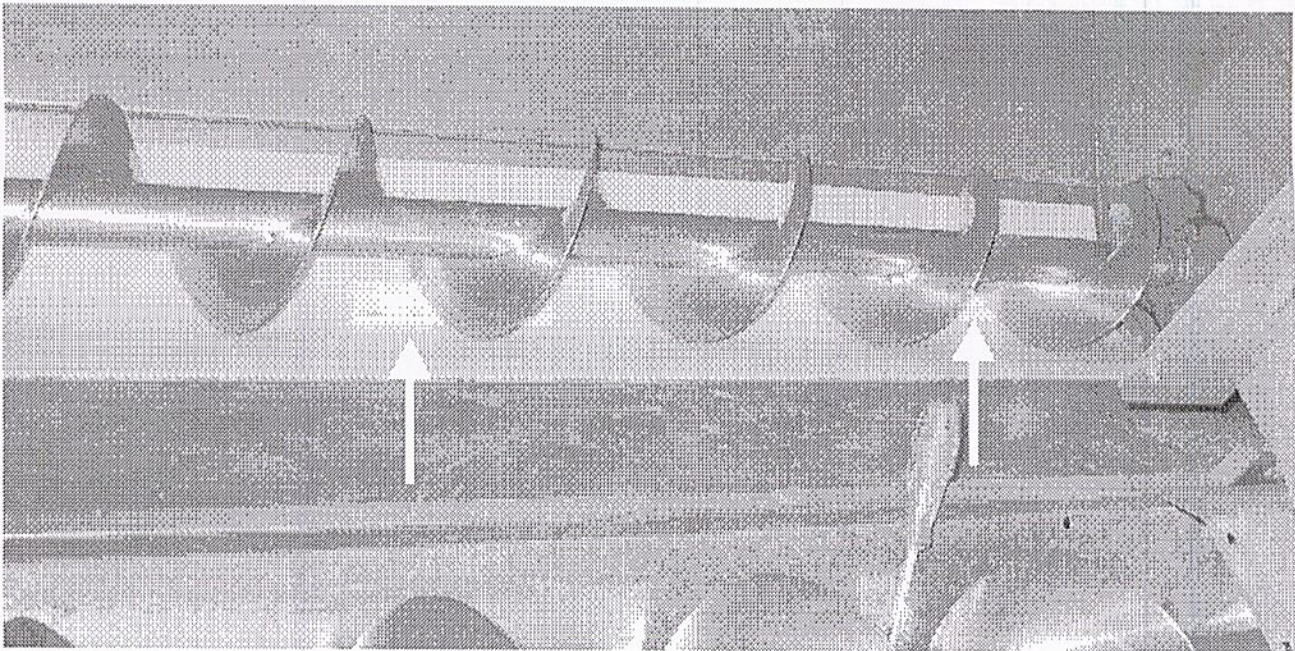
STEP 6

Loosely re-install the two carriage bolts removed in STEP 4. **DO NOT TIGHTEN AT THIS TIME.**



STEP 7

Use the wooden wedges supplied as required to insure that the liner is tight against the bottom of the trough.





TWO TYPES OF FASTENERS HAVE BEEN SUPPLIED TO SECURE THE METAL STRIPS. THE CHOICE OF FASTENER USED DEPENDS UPON YOUR PERSONAL PREFERENCE AND/ OR TOOLS AVAILABLE.

- (1) **SELF DRILLING SCREW:** HIGH QUALITY FASTENER WITH UNDERCUT HEAD TO MINIMIZE STRIP OUT AND VIBRATION LOOSENING. **REQUIRES A SCREW DRIVER WITH AN ADJUSTABLE CLUTCH SET AT THE PROPER TORQUE.**
- (2) **STEEL RIVET:** NOT AS FAST AND CONVENIENT AS THE SELF DRILLING SCREW. **RECOMMENDED AS FIRST CHOICE FOR ITS GREATER STRENGTH AND RELIABILITY. REQUIRES PRE-DRILLING AND A RIVET GUN CAPABLE OF INSTALLING A 3/16 " STEEL RIVET WITH A STEEL MANDREL.**

IF YOU CHOOSE TO USE THE SELF DRILLING SCREWS - **DO NOT OVER TORQUE** ADJUST CLUTCH TO **MINIMUM** REQUIRED TORQUE TO FULLY SEAT SCREWS

**STEP 8** Install the lower rear hold down strip labeled AGTJHD8825LR  
**Install the hold down strips with label side up.**

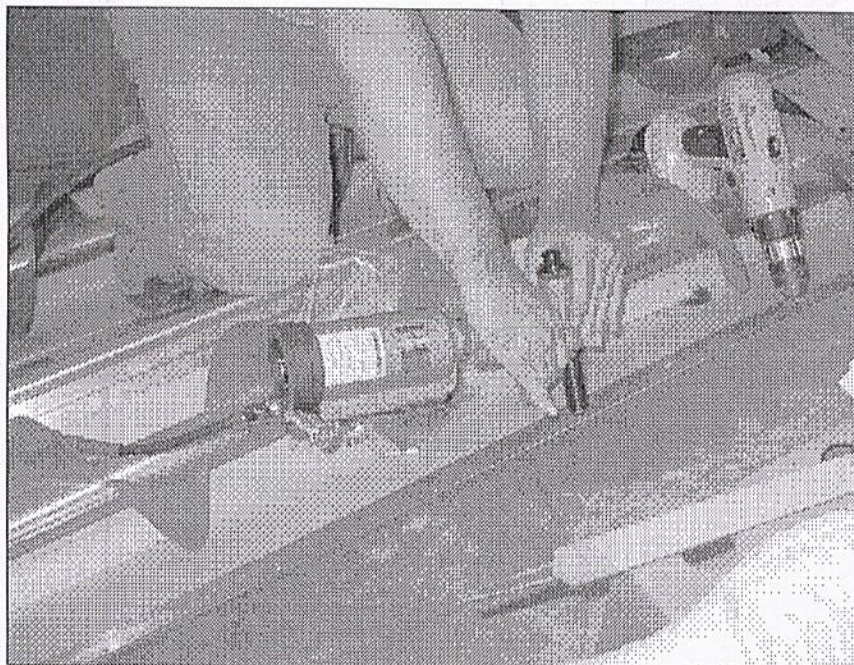
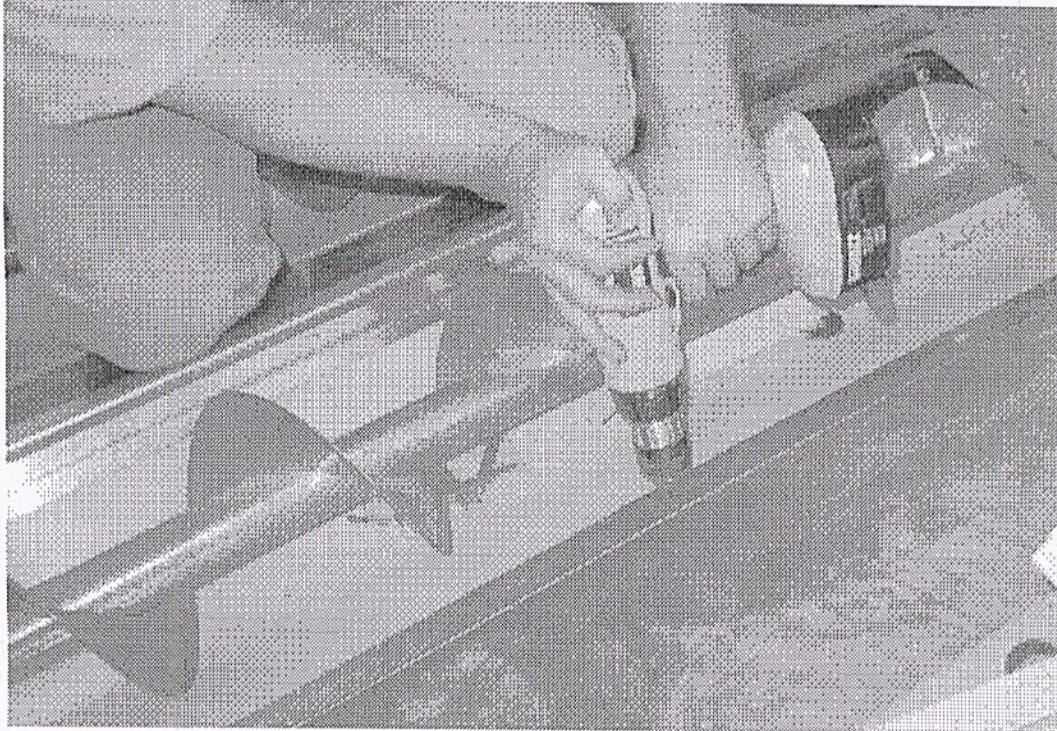
Working from left to right, use the hold down Strip as a drill guide to secure the strip with screws or rivets





# STEP 9

Install a screw or rivet in each hole before drilling the next hole.

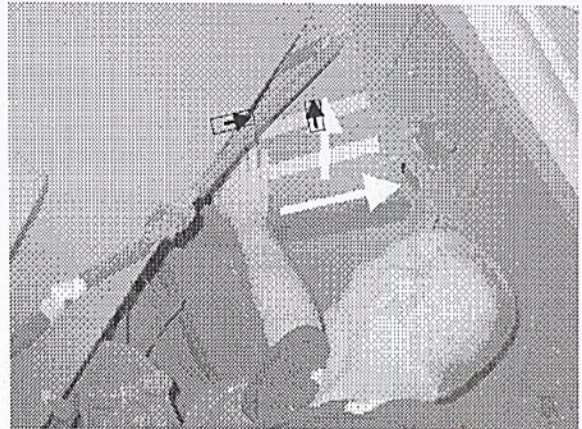




**STEP 10** Remove the protective film from the double sided Tape On the supplied drill template.



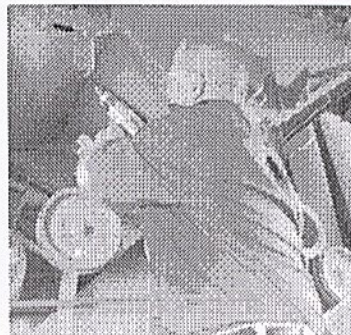
**STEP 11** Position the drill template on the underside of the rear trough as illustrated below. Firmly press the double sided tape to secure the template.



**STEP 12** Drill thru the drill template and auger trough with the 1/8" drill bit supplied.



Remove the drill template and enlarge each hole with the 3/8" drill bit supplied.



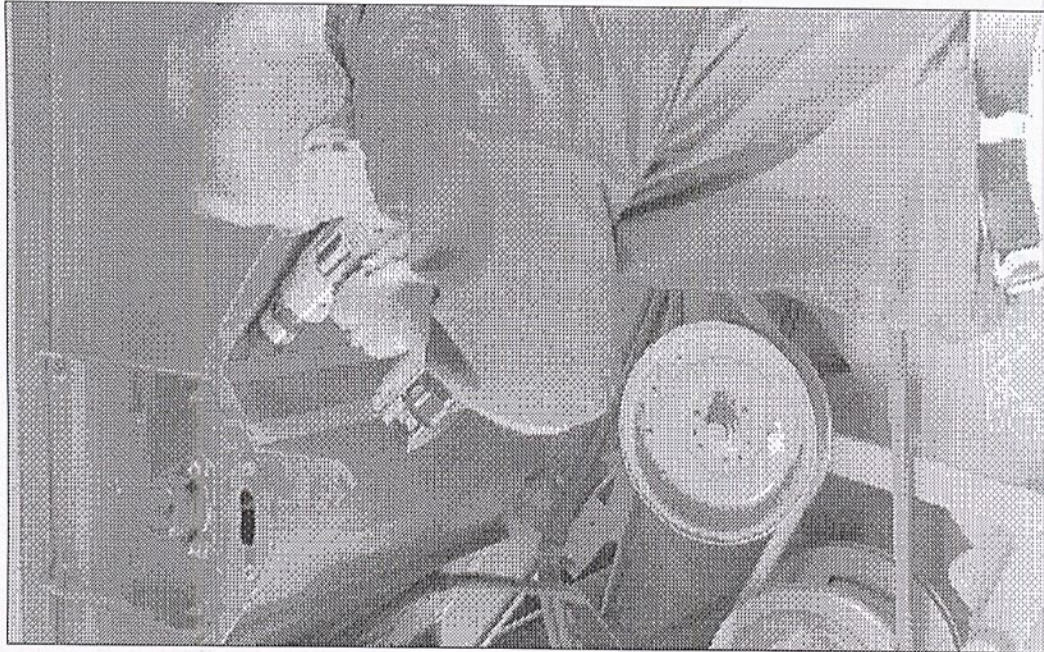


# STEP 13

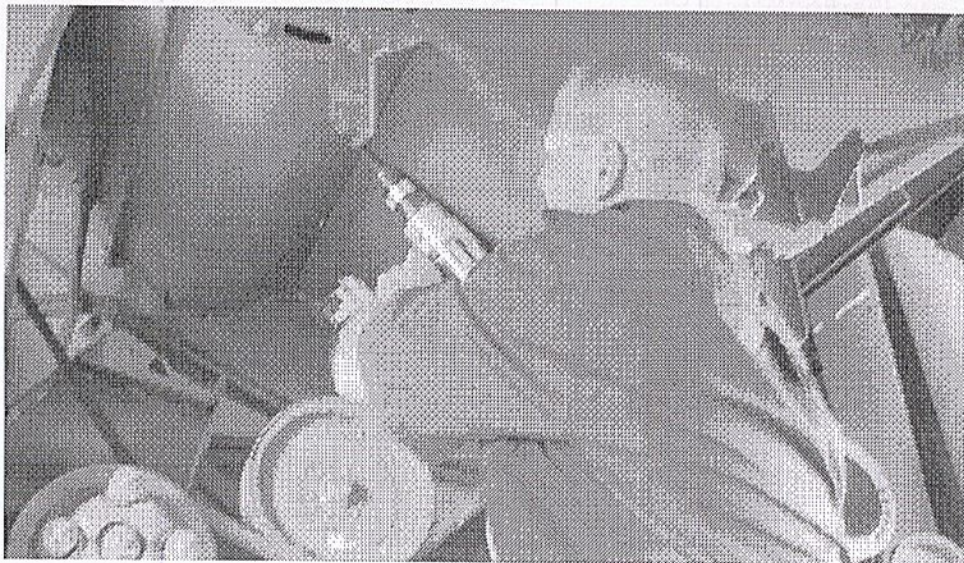
Attach the drill template to the opposite side of the upper trough as pictured below.

Drill the three holes on the front side of the trough using the same procedure as described in STEPS 11 and 12.

1/8" drill bit

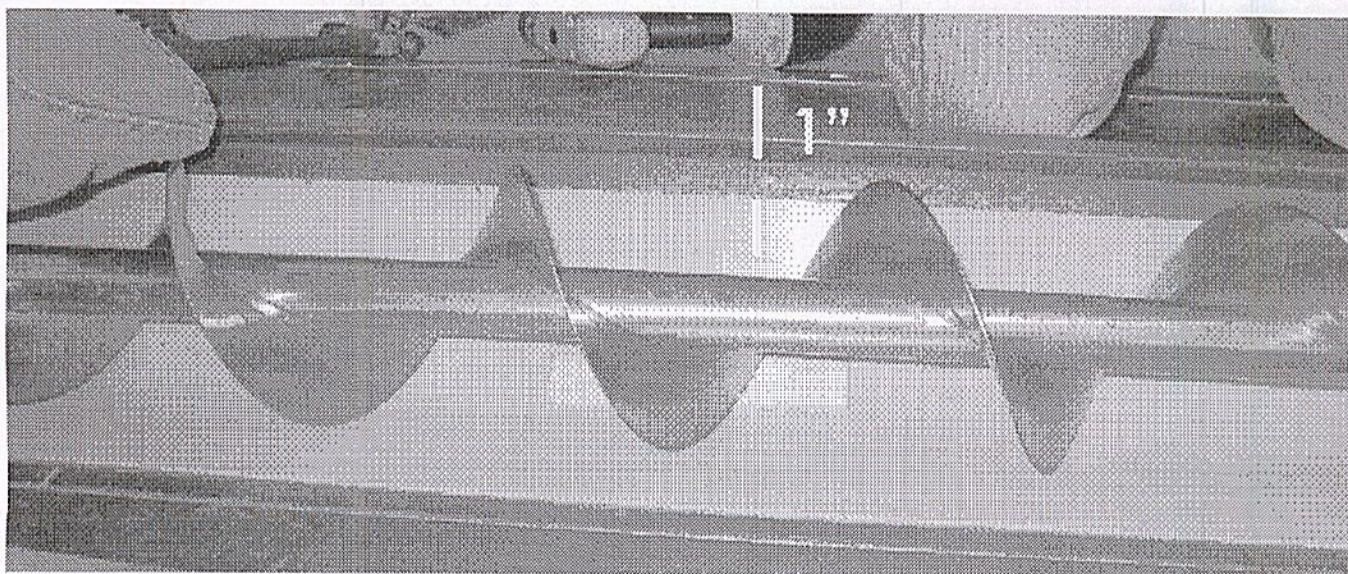
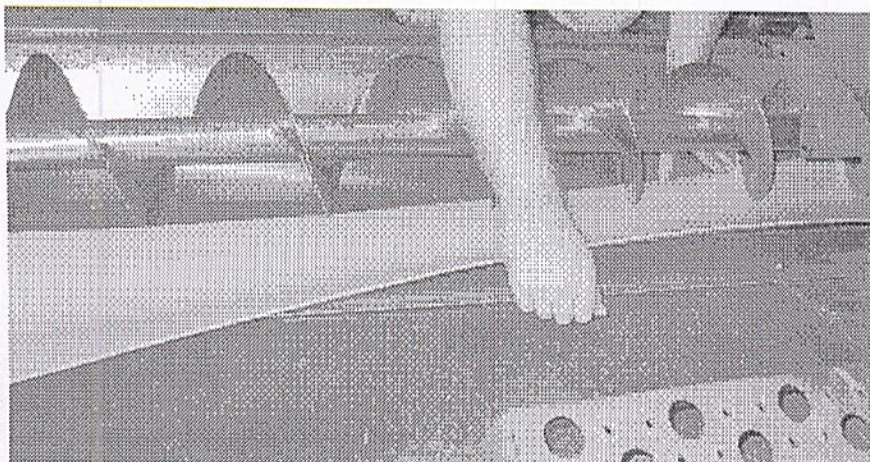


Enlarge to 3/8"

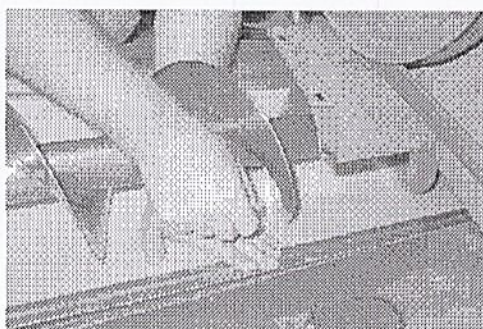




**STEP 14** Insert the liner labeled AGTJP8825U under the upper auger and position the liner with a 1 inch gap as pictured below.

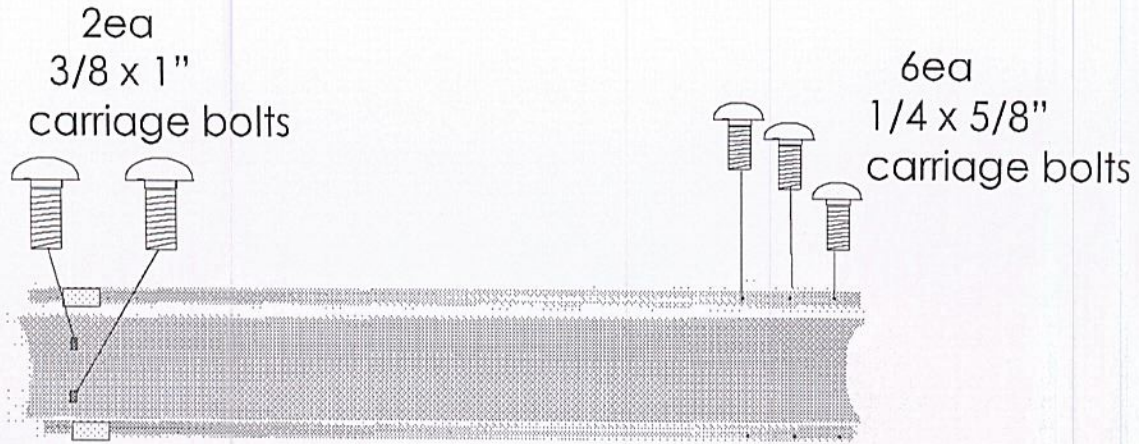


**STEP 15** Secure the liner with the upper front and upper rear hold down strips.

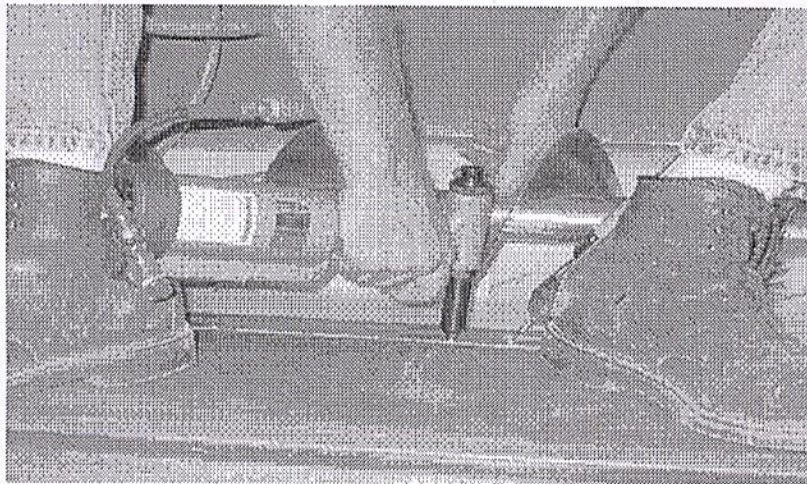
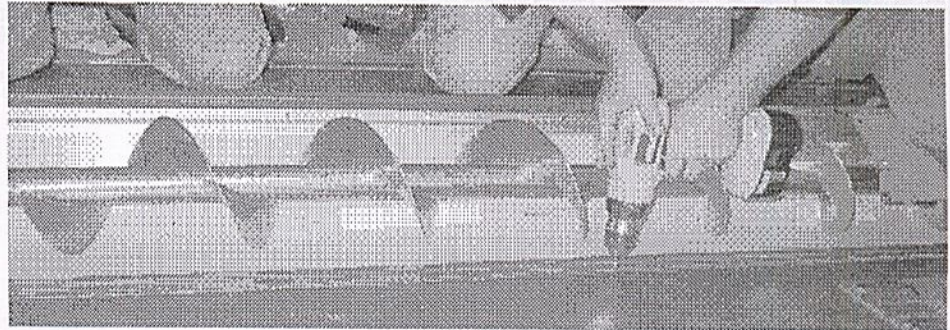




**STEP 16** Loosely install the 1/4" and 3/8" carriage bolts supplied as illustrated below. **DO NOT TIGHTEN AT THIS TIME.**



Working from right to left, fasten the strips using the same procedures as describe in STEPS 5 thru 9.





**STEP 17** With all the hold down strips fastened, complete the installation by tightening 1/4" and 3/8" carriage bolts with the flange nuts provided.

