

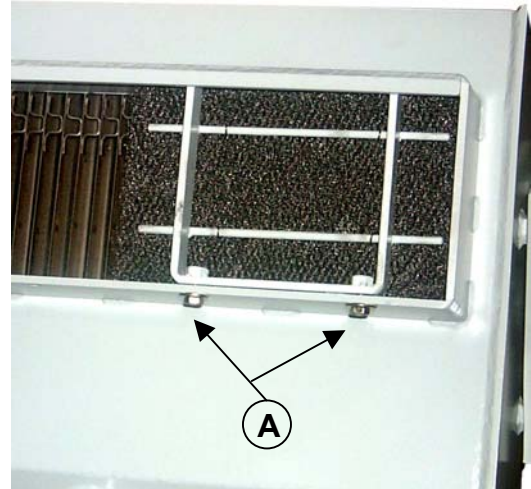
# ANDERSON Separators

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## VANE REMOVAL INSTRUCTIONS FOR ANDERSON<sup>®</sup> MODEL ASVB STEAM DRUM INTERNAL VANE SEPARATOR

### MESH PAD REMOVAL

1. REMOVE BOLTS (A) WHICH HOLDS THE MESH PAD SUPPORT GRID ASSEMBLY.
2. REMOVE MESH PAD SUPPORT GRID ASSEMBLY. MESH PAD IS TIE WIRED TO SUPPORT GRID .
3. REPEAT STEPS 1 & 2 FOR EACH MESH PAD GRID ASSEMBLY.



### VANE REMOVAL

1. LOOSEN FOUR (4) JAM NUTS (B), THEN LOOSEN FOUR (4) JACKING BOLTS (C) FROM THE SIDE PLATE.
2. REMOVE UPPER AND LOWER VANE ACCESS PLATES (D) BY REMOVING ATTACHMENT BOLTS (E).
3. REMOVE VANES THROUGH TOP AND BOTTOM SLOTS IN THE INLET PLATE. (Fig. 1)

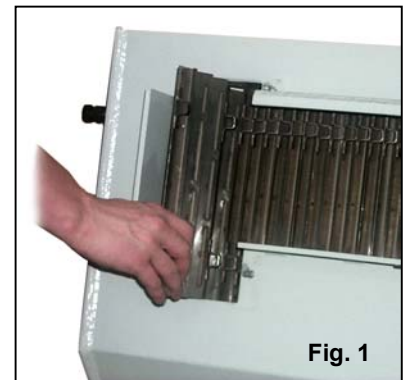
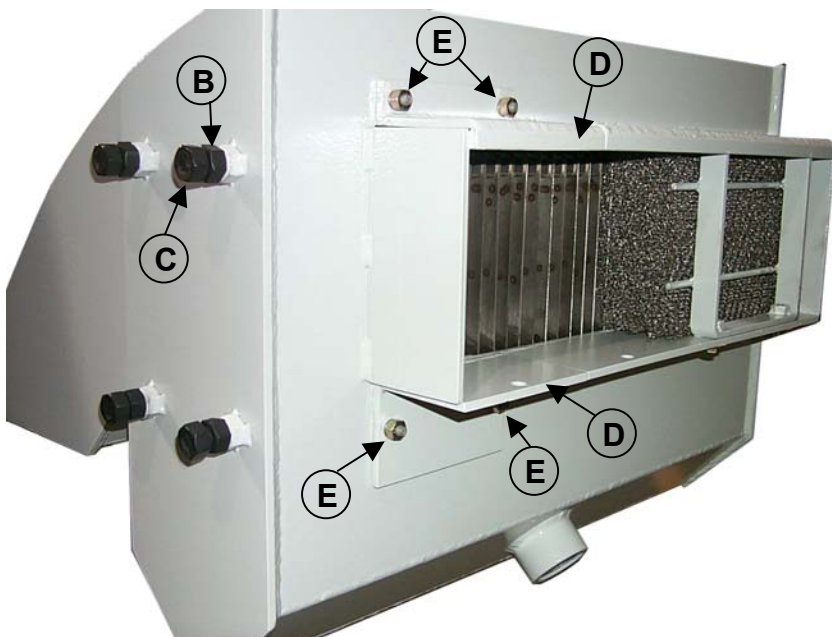


Fig. 1

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## **VANE INSTALLATION**

1. INSTALL THE FIRST VANE THROUGH THE SLOTS SUCH THAT THE SPACERS WILL CONTACT THE SIDE PLATE OPPOSITE FROM THE JACKING BOLTS. THE NOTCH ON THE VANE BLADES MUST BE AT THE TOP AND BACK. SLIDE THE VANE AGAINST THE SIDE PLATE BEFORE INSTALLING THE SECOND VANE.
2. CONTINUE TO INSTALL VANES IN SEQUENCE, SLIDING EACH VANE UNTIL ALL THE SPACERS ARE IN CONTACT WITH THE PREVIOUSLY INSTALLED VANE. IT MAY BE NECESSARY TO TAP THE BOTTOM AND THE TOP OF THE VANES WITH A RUBBER MALLET TO ENSURE THEY ARE FULLY SLID UP TO THE PREVIOUSLY INSTALLED ONE. EACH VANE SHOULD BE SLID ALL THE WAY INTO PLACE BEFORE ANOTHER VANE IS INSTALLED. BE CAREFUL NOT TO DAMAGE THE VANES.
3. AFTER ALL VANES ARE INSTALLED, INSTALL THE UPPER AND LOWER VANE ACCESS PLATES
4. TIGHTEN THE FOUR (4) JACKING BOLTS AGAINST THE JACKING PLATE TO HOLD ALL THE VANES IN PLACE. CARE MUST BE TAKEN NOT TO OVER TORQUE THE JACKING BOLTS SO AS NOT TO CRUSH THE SPACERS.
5. TIGHTEN THE JAM NUTS ON THE JACKING BOLTS.

## **MESH PAD INSTALLATION**

1. INSTALL MESH PAD GRID ASSEMBLY.
2. INSTALL BOLTS WHICH HOLD MESH PAD GRID ASSEMBLY IN PLACE.
3. REPEAT STEPS 1 & 2 FOR EACH MESH PAD GRID ASSEMBLY.

