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## Grain Tank Cross Auger Trough Liner for John Deere 9500 Combine

FOR THIS KIT TO PERFORM PROPERLY, IT IS NECESSARY TO HAVE A MINIMUM OF ¼ INCH CLEARANCE BETWEEN THE BOTTOM OF THE AUGER TROUGH AND THE BOTTOM OF THE AUGER FLIGHT. MEASURE UNDER THE RIGHT SIDE OF THE FRONT AUGER. (SEE TOP PICTURE ON PAGE 2) IF YOU DO NOT HAVE THIS MUCH CLEARANCE AND CAN NOT OBTAIN MORE CLEARANCE BY MOVING THE RIGHT HAND AUGER BEARING SUPPORT, PLEASE DO NOT ATTEMPT INSTALLATION.

**PLEASE 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**

1. COMPARE THE CONTENTS WITH THE ENCLOSED "PACKING SLIP" TO CONFIRM THAT YOU HAVE RECEIVED THE CORRECT PANELS AND ASSOCIATED HARDWARE.



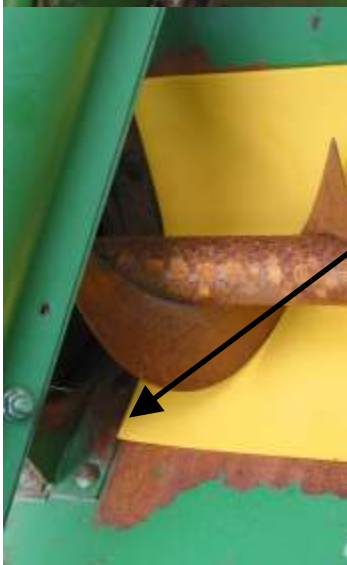
2. REMOVE BOTH AUGER COVERS. MAY BE NECESSARY TO REMOVE DRIVE SHAFT HOUSING.

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

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

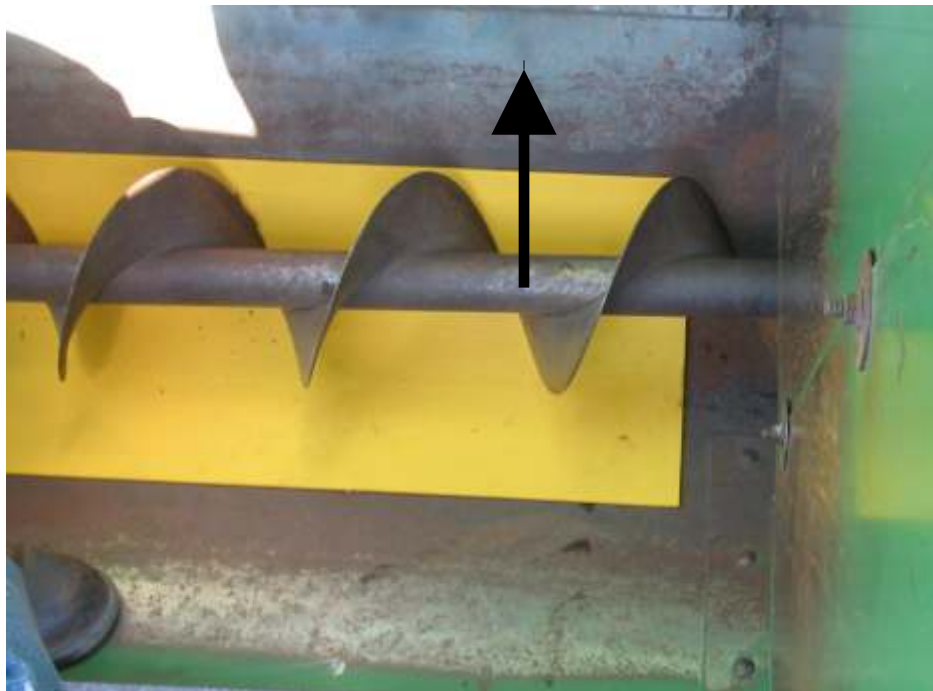


4. STARTING WITH THE FRONT (LOWER) AUGER, INSERT THE SHORTER POLY LINER UNDER THE AUGER.



5. SLIDE THE LINER TO THE LEFT UNTIL IT MAKES CONTACT WITH THE SUPPORT FLANGE OF THE VERTICAL AUGER HOUSING, THEN CENTER THE LINER WITH THE AUGER AS ILLUSTRATED ABOVE.

6. REMOVE THE REMAINING (4) BOLTS IN THE AUGER BEARING SUPPORT AND SLIDE THE RIGHT END OF THE AUGER FORWARD.





7. TEST FIT THE END CAP ON THE RIGHT END OF THE LINER. THE END CAP SHOULD FIT BELOW AND ADJACENT TO THE SUPPORT FLANGE OF THE CLEAN ELEVATOR HOUSING.

IF NECESSARY, FORM THE END CAP TO MATCH THE CONTOUR OF THE TANK FLOOR.



**IMPORTANT: PRIOR TO DRILLING AND/OR SECURING THE END CAP IN STEPS 8 AND 9, INSERT THE 4" X 6" PLASTIC "DRILL SHIELD" SUPPLIED AS ILLUSTRATED TO PREVENT DRILLING INTO THE ELECTRICAL HARNESS OR RUBBER HOSES LOCATED ON THE UNDERSIDE.**

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 SCREW DRIVER WITH ADJUSTABLE CLUTCH SET AT 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 RIVET GUN CAPABLE OF INSTALLING 3/16 " STEEL RIVET WITH 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

8. APPLY A 1/4" TO 3/8" BEAD OF SILICONE TO THE UNDER SIDE OF THE END CAP AND POSITION AS IN STEP 7 - CENTERED ON THE LINER.



9. WHILE HOLDING PRESSURE IN THE BOTTOM / CENTER, SECURE THE END CAP IN PLACE STARTING WITH THE CENTER HOLES AND WORKING OUTWARD.



**IMPORTANT: WITH THE END CAP FASTENED IN PLACE AND THE AUGER BEARING SUPPORT PLATE RE-ASSEMBLED AND CENTERED, MANUALLY ROTATE THE AUGER TO CHECK CLEARANCE BETWEEN THE END CAP AND THE AUGER FLIGHT. IF THE AUGER MAKES CONTACT WITH THE END CAP OR FASTENERS, AND YOU CAN NOT RAISE THE AUGER BY LOOSENING AND RAISING THE BEARING SUPPORT PLATE, STOP INSTALLATION AND CALL CUSTOMER SERVICE @ 1-800-542-7659.**

10. TO COMPLETE THE FRONT AUGER INSTALLATION, INSTALL THE TWO "LOWER" HOLD DOWN STRIPS AS ILLUSTRATED BELOW.

HOLD PRESSURE AT THE BOTTOM OF THE LINER AS REQUIRED TO INSURE THAT THE LINER IS HELD IN CONTACT WITH THE TANK FLOOR AND THAT MAXIMUM CLEARANCE IS OBTAINED BETWEEN THE LINER AND THE AUGER FLIGHTING.



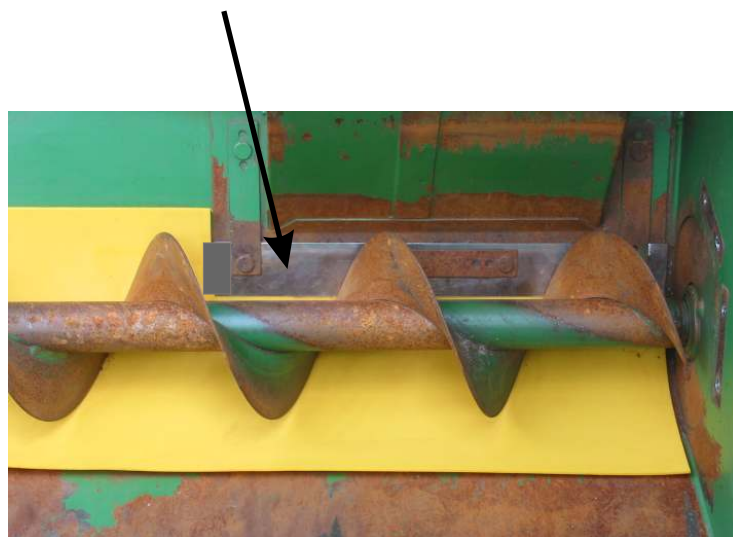
11. NEXT, INSTALL THE REMAINING POLY LINER UNDER THE REAR (UPPER) AUGER AS ILLUSTRATED BELOW.
12. SLIDE THE LINER TO THE LEFT AND CENTER WITH THE AUGER AS IN STEP 5.



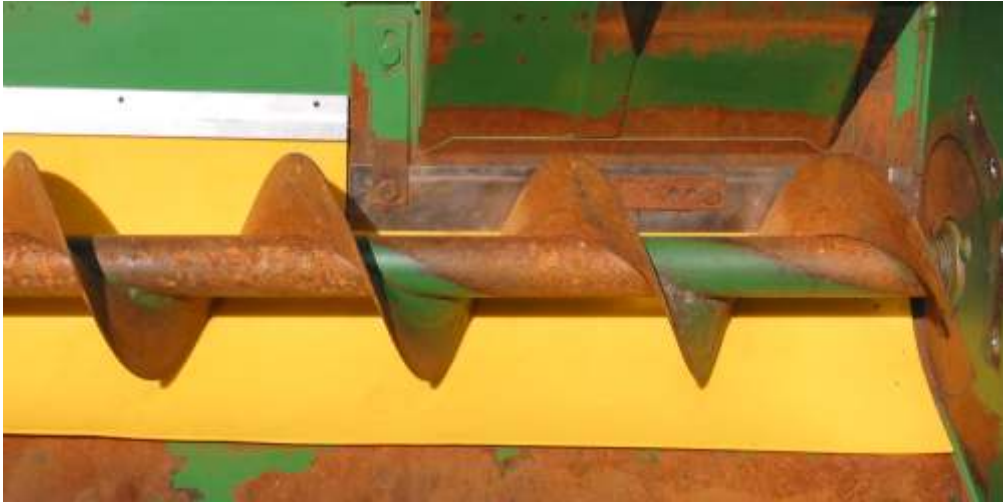
13. REMOVE THE (3) OUTER BOLTS AND LOOSEN ONLY THE LEFT BOLT ON THE ELEVATOR HOUSING FLANGE AS ILLUSTRATED.



14. INSERT THE SLOTTED HOLD DOWN STRIP UNDER THE LEFT BOLT HEAD. RE-INSTALL AND TIGHTEN BOLTS.



15. NEXT, INSTALL THE UPPER FRONT AND REAR HOLD DOWN STRIPS.



16. COMPLETE THE INSTALLATION BY SEALING THE RIGHT END OF THE LINER WITH SILICONE SEALANT.



HAVE QUESTIONS OR NEED HELP CALL 1-800-542-7659