

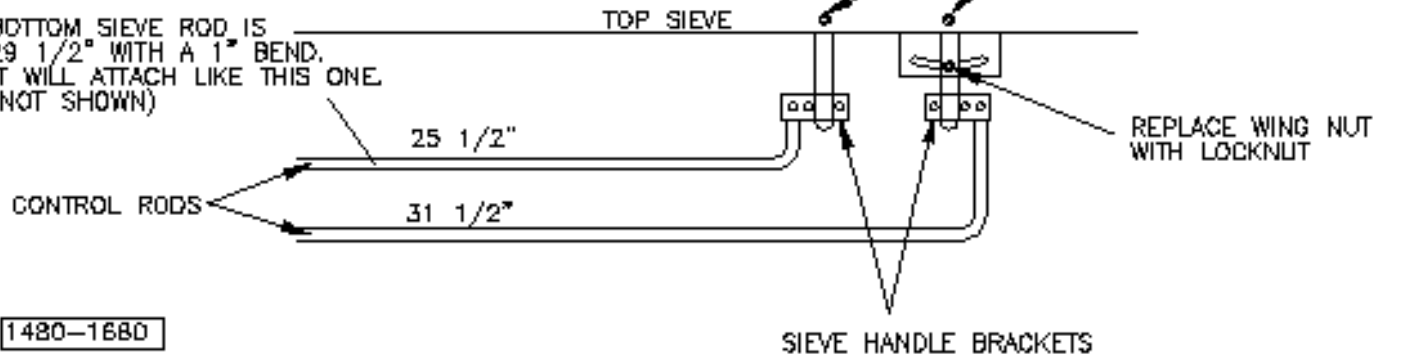
NOTES:

(A) 1991 AND OLDER MODELS THIS DISTANCE CAN BE LESS THAN 10 1/2"

(B) 1992 MODEL HAS A BRACE HERE

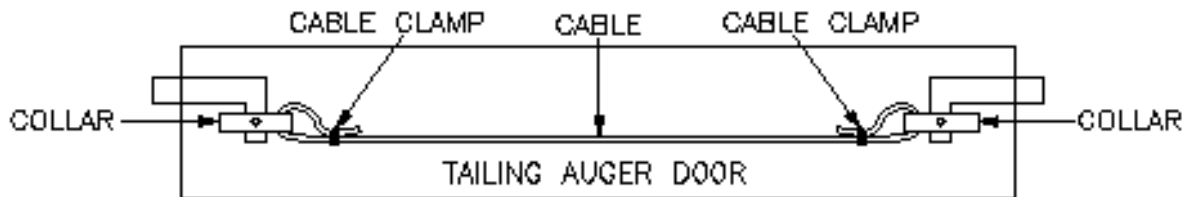
1440-1460  
1640-1660

BOTTOM SIEVE ROD IS 29 1/2" WITH A 1" BEND. IT WILL ATTACH LIKE THIS ONE. (NOT SHOWN)



1480-1680

TOP SIEVE RODS ARE 38" AND 34"  
BOTTOM SIEVE ROD IS 34"



TO OPEN OR CLOSE - JUST PULL ON THE CABLE



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**INSTALLATION INSTRUCTIONS FOR THE SIEVE EASY ADJUST KIT**  
**FITS 1420, 1440, &1460 / 1620, 1640, &1660 / 1480 & 1680 WITHOUT EXTENDED SIEVES**

**A. INSTALL LOWER (SHOE) SIEVE ADJUSTING ROD**

1. OPEN TAILING AUGER DOOR
2. REMOVE BOLT AND NUT FROM CHANNEL ON SIDE OF THE COMBINE (THIS BOLT WON'T BE REUSED)
3. LOOSELY ASSEMBLE TWO SIEVE HANDLE BRACKETS WITH TWO ¼" X 1" BOLTS AND LOCK NUTS. (SEE DIAGRAM)
4. SLIDE ASSEMBLED BRACKET OVER LOWER SIEVE HANDLE WITH ROD HOLE TO THE LEFT.
5. SLIDE ADJUSTING ROD THROUGH THE BOLT HOLE, WHERE BOLT WAS REMOVED.
6. CONNECT THE ADJUSTING ROD TO THE HOLE IN THE HANDLE BRACKET, FROM THE BOTTOM UP, AND SECURE WITH 5/16" WASHER AND 1/8" COTTER PIN.
7. SLIDE BRACKET FORWARD ON THE SIEVE HANDLE, APPROXIMATELY 1" OR TO THE BEND IN THE HANDLE, SO THAT THE ADJUSTING ROD DOES NOT TOUCH THE SHEET METAL BELOW THE DOOR OPENING. TIGHTEN THE BOLTS ON THE BRACKET.
8. NOW TIGHTEN THE SIEVE HANDLE FRICTION BOLT AND NUT TO KEEP THE SIEVE IN PLACE DURING OPERATION OF COMBINE. SNUG IT UP SO YOU HAVE TO USE SOME PRESSURE TO MOVE THE ROD. REMOVE ¼" WING NUT FROM THE BOLT ON THE SIEVE HANDLE; REPLACE IT WITH A ¼" LOCK NUT, SUPPLIED WITH THE KIT. TIGHTEN UNTIL SLIGHTLY SNUG.
9. DURING THE FIRST HOUR OF USE IF THE SIEVES MOVE (OPEN OR CLOSED) DURING THE OPERATION, TIGHTEN THE LOCKING NUTS ON THE SIEVE HANDLE. TIGHTEN THEM JUST A LITTLE, BUT NOT SO MUCH THAT THE SIEVE CANNOT BE MOVED WHEN USING THE ADJUSTING ROD.

**B. ATTACH EASY OPEN CABLE TO TAILINGS AUGER DOOR (SEE DIAGRAM)**

1. WITH TAILINGS AUGER DOOR CLOSED, SLIDE A ½" COLLAR OVER EACH HANDLE AND SET IN PLACE WITH SET SCREW. (ABOUT IN THE MIDDLE)
2. LOOP ONE END OF THE CABLE THROUGH A CABLE CLAMP, THEN THE COLLAR AND BACK THROUGH A CABLE CLAMP: TIGHTEN THE CLAMP.
3. LOOP THE OTHER END OF THE CABLE IN THE SAME MANNER, BUT BEFORE TIGHTENING THE CABLE CLAMP, TAKE OUT ALL OF THE SLACK IN THE CABLE. WHEN REMOVING CABLE SLACK, MAKE SURE THE DOOR PINS AREN'T PULLED OUT AND ARE IN THE FULLY CLOSED POSITION.
4. YOU ARE NOW ABLE TO OPEN AND CLOSE THE TAILINGS AUGER DOOR BY PULLING ON THE CABLE.

**C. INSTALLING CHAFFER (UPPER) AND EXTENTION SIEVE ADJUSTING RODS**

1. LOCATE LEFT REAR AXLE SHIELD HOLDER AND REMOVE NUT AND WASHER (SEE DIAGRAM)
2. ATTACH ROD GUIDE BRACKET TO THE REAR AXLE SHIELD BOLT; REPLACE NUT AND WASHER (TWO SMALL HOLES SHOULD BE TO THE REAR). ON 1991 AND NEWER MACHINES THE REAR AXLE SHIELD BOLT EXTENDS TO THE SIDE OF THE BRACKET. ON MACHINES OLDER THAN 1991 IT EXTENDS TO THE BOTTOM. THE ROD GUIDE BRACKET IS UNIVERSAL. ON SOME 1980 AND EARLIER COMBINES THE REAR AXLE SHIELD DOES NOT SHAKE WITH THE CHAFFER SIEVE, YOU WILL NEED A SPECIAL ROD GUIDE ATTACHING BRACKET.
3. ATTACH SIEVE HANDLE BRACKETS TO BOTH SIEVE HANDLES USING ¼" X 1" BOLTS AND LOCK NUTS. (ROD HOLE EXTENDS TO THE LEFT ON THE LEFT HANDLE AND TO THE RIGHT ON THE RIGHT HANDLE.) POSITION THE BRACKETS SO THE ADJUSTING RODS DO NOT INTERFERE WITH EACH OTHER.
4. PLACE THE ENDS OF THE RODS THROUGH THE ROD GUIDE BRACKET HOLES (MAIN CHAFFER SIEVE IN REAR HOLE, EXTENSION SIEVE IN FRONT HOLE.) ATTACH ENDS OF RODS TO THE HANDLE BRACKETS, FROM THE BOTTOM UP, AND SECURE WITH 5/16" WASHERS AND 1/8" COTTER PINS.
5. REPLACE WING NUT ON THE TOP SIEVE HANDLE WITH A ¼" LOCKNUT PROVIDED. TIGHTEN UNTIL SNUG.
6. TIGHTEN SIEVE HANDLE FRICTION NUTS UNTIL SOME PRESSURE IS NEEDED TO MOVE ADJUSTING RODS.

**D. INSTALL HINGED INSPECTION DOOR**

1. SEE DIAGRAM FOR MEASUREMENTS AND PLACEMENT OF THE HOLE TO CUT (CUT THE HOLE 6" X 8". THE DOOR IS 7" X 9")
2. MAKE SURE THE BOTTOM OF THE HOLE IS NO LESS THAN 14" ABOVE THE HORIZONTAL CHANNEL IN THE DIAGRAM.
3. WE RECOMMEND MEASURING OUT THE HOLE AND MARKING ALL FOUR SIDES. DRILL A 5/16" HOLE IN EACH CORNER. USE A JIG SAW WITH A METAL CUTTING BLADE TO CUT THE SIDES OF THE HOLE. WE DO NOT RECOMMEND USING A TORCH.
4. AFTER THE HOLE HAS BEEN CUT, SMOOTH THE EDGES WITH A FILE.
5. CENTER THE DOOR OVER THE HOLE, WITH THE HINGE ON THE LEFT SIDE MARK THE HOLES IN THE HINGE AND DRILL USING A 3/16" DRILL BIT.
6. BOLT THE DOOR TO COMBINE, USING 3/16" BOLTS, LOCK WASHERS, AND NUTS.
7. WITH THE DOOR CLOSED, HOLD THE SNAP CLIP DOOR CLOSER UP TO THE DOOR TOWARD THE RIGHT SIDE ON THE TOP AND BOTTOM. (SEE DIAGRAM) MARK, DRILL HOLES AND BOLT IN PLACE USING 3/16" BOLTS AND NUTS.

**\*\*\*CAUTION\*\*\***

**BEFORE ADJUSTING SIEVES, SHUT OFF SEPARATER, STOP ENGINE, AND REMOVE KEY**

- WITH THE INSPECTION DOOR OR THE TAILINGS AUGER DOOR OPEN, YOU CAN REACH IN AND FEEL THE SIEVE SETTINGS WITH YOUR FINGERTIPS WHILE MOVING THE CONTROL RODS.
- BE SURE TO TIGHTEN THE SIEVE HANDLE FRICTION NUTS ON ALL THREE HANDLES, SO THE SIEVES WON'T WORK OPEN OR CLOSED BY THEMSELVES. YOU SHOULD HAVE TO EXERT SOME PRESSURE TO MOVE THE CONTROL RODS



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