

80Series Axceller Kit

Hardware supplied

1. 1 - Axceller cast hub
2. 2 - Axceller fin assemblies
3. 10 – 1/2" x 1 -1/2" Gr. 8 bolts
4. 6 - 1/2 x 2-1/4" Gr. 8 Bolts
5. 16- 1/2" flange lock nuts
6. 16 - 1/2" heavy flat washers

INSTALLATION INSTRUCTIONS

1. Block Rotor from sliding out by attaching come-along to rotor and rear frame of combine and remove front bearing, kidney and cross member
2. Remove existing impeller blades and front casting. Front casting is removed by taking out 3/4" pin and cotter key. Casting occasionally will rust on and may need rust remover and heat to take off.
3. Install new casting on shaft making sure to replace pin and cotter key.
- 4 Install axceller horns making sure #1 horn mounts to # 1 position on casting and # 2 horn to the #2 position on casting using loctite on all bolts & nuts
5. Use 1/2 x 2-1/4" bolts at the casting with flats over slotted holes -torque to 65lbs. Use 1/2 x 1 1/2" bolts at the rear torque to 65 lbs make sure all bolts are in place and nuts attached before tightening and torquing all the bolts(.Figure 1)
6. Re- install bearing, kidney and cross member. Flighting should have 1/8" to 1/4" clearance from kidney(figure 2). Adjust using existing spacers supplied with combine.
7. Run combine rotor at full speed to check for vibration and balance.



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Torque all bolts to 65

on casting and blade

Flighting should have 1/8" to 1/4" clearance from kidney. Adjust using existing spacers supplied with combine between rotor & Kidney bearing



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