



INSTALLATION INSTRUCTIONS FOR KRF® 80

The KRF® (Kile® Rotor flight® Impellers) is a replacement for the original impeller from International/CaseIH.

INSTALLATION:

These flights can be installed thru the inspection hole (half moon) but it is easier to install if you remove the feeder house, rock trap and front concave. Remove old impellers from rotor. The KRF® bolts to the front web (where old impeller did) using the bolt items C & D. Bolt items E to rear stand-off. Snug bolts E and then remove C & D to install wear plate with C, D, & G. Wear plate is adjustable to kidney (The kidney is the cast piece which holds the bearing.) Normal clearance is approximately 1/16".

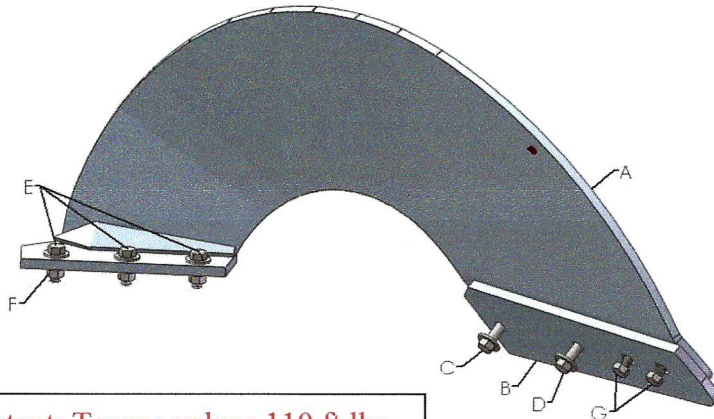
This adjustment needs to be made when rotor is in machine & secured to rotor bearing. Snug bolts C, D & G and adjust clearance to kidney.

After this adjustment is made, all bolts must be torque tightened to 95-100ft lbs .

REBALANCING:

These components are CNC cut to hold to symmetrical configuration & equal mass, however, rotor must be checked to assure it is balanced after installing. If found to be out of balance, rebalance before use.

Item	Qty	Description
A	2	KRF 80 Rotor flight® Impeller
B	2	Wear plate (KRF®-WP80)
C	2	Flange BOLT ½-13x3
D	2	Flange BOLT ½-13x2.5
E	6	Flange BOLT ½-13x1.5
F	14	Flange NUT ½-13
G	4	Hex BOLT ½-13x1.5



**Important: Torque values 110 ft lbs
DO NOT OVERTIGHTEN**

TROUBLESHOOTING:

Wearplate interferes with kidney. Solution-Add washer(s) between bearing & rotor.

Wearplate cannot reach kidney. Solution-Remove washer(s) from between bearing & rotor.

Complete kit shipping weight 125#

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Kile® KRF & KXF wearbars are covered by one or more of the following US Patents: #8,979,623; #9,089,094

