

**GENERAL DESCRIPTION**

These instructions will guide you through the process of replacing fins on New Leader spreaders with dished spinner discs. Please refer to the operator's manual for details on safety, operation and maintenance.

**WARNING!**

Flying material and moving parts hazard! Shut off machine before servicing or adjusting to avoid entanglement of hair or body parts causing serious injury or death.

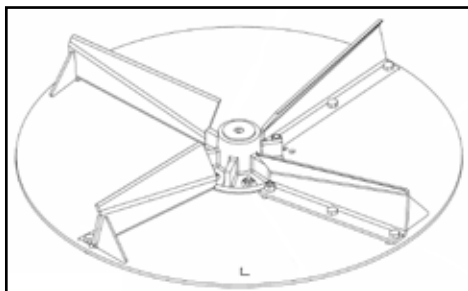
PART NUMBER	DESCRIPTION	QUANTITY
308743	Fin Kit - includes the following parts	1
309091	Fin - Wldmt RH	4
309092	Fin - Wldmt LH	4
20034	Capscrew .313 - 18NC x .75	24
20035	Capscrew .313 - 18NC x .875	24
20677	Lock nut .313 - 18NC	24

**INSTRUCTIONS****REMOVE FINS**

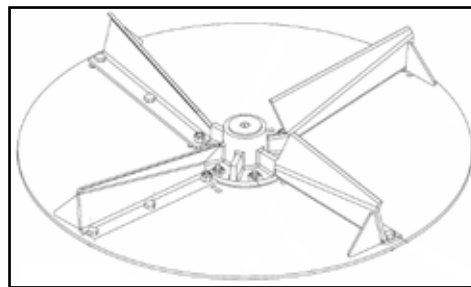
1. Remove lock nuts, capscrews and fins needing replaced and discard.

**REPLACE FINS**

1. Clean and paint spinner discs as needed.
2. Locate proper replacement fin, capscrews and lock nuts from Fin Kit.
  - 1/4 in. spinner disc use longer screw (.875 in.).
  - 3/16 in. spinner disc use shorter screw (.75 in.).
3. Position fin with gusset near outer edge of spinner disc per figures 1 and 2.
  - Figure 1 - Gusset faces counter-clockwise for lefthand disc.
  - Figure 2 - Gusset faces clockwise for righthand disc.

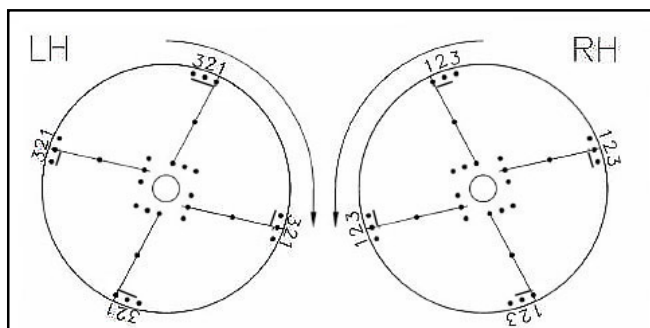


**Figure 1 - LH spinner disc - gussets point counter-clockwise**



**Figure 2 - RH spinner disc - gussets point clockwise**

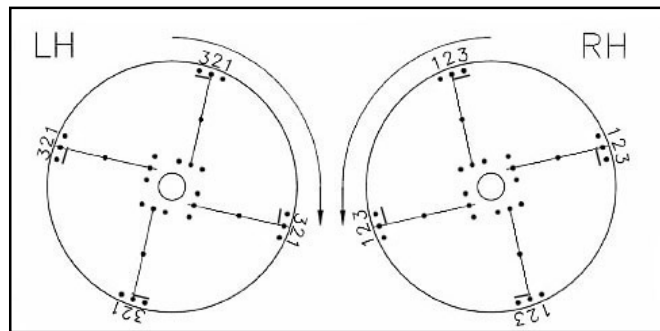
4. Place fin hole closest to gusset over proper hole near outer edge of spinner disc per figures 3 and 4.
  - Figure 3 - 30" wide bottom: two opposing fins in position 1 and two opposing fins in position 2.



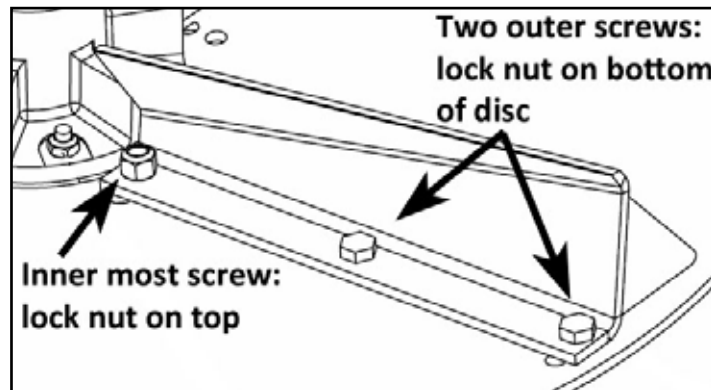
**Figure 3 - Fin locations for 30" bottom**

**INSTRUCTIONS CONTINUED**

- Figure 4 - 24" wide bottom: all fins in position 2.

**Figure 4 - Fin locations for 24" bottom**

5. Place capscrew in outer fin hole, through fin then spinner disc, as shown in Figure 5. On the underside of disc, place lock nut on screw and tighten by hand.

**Figure 5 - Detail of cap screw positions**

6. Repeat for middle hole.
7. Verify positioning of fin is correct for spreader model (Figure 3 and 4).
8. Install inner cap screw in opposite direction, through spinner disc then fin (Figure 5). On top of disc, place lock nut on screw and tighten by hand.
9. Finish tightening all screws to torque recommended in the "Standard Torques National Coarse (NC) Cap Screws" section of your operator's manual.
10. Repeat steps 2-9 for each fin replaced.
11. If spinner was removed completely from spreader, place spinner discs back in proper position before starting machine. When facing rear of spreader, the righthand disc goes on the rightside of the spinner assembly, and the lefthand disc goes on the left side. The discs should look like Figures 1 and 2.