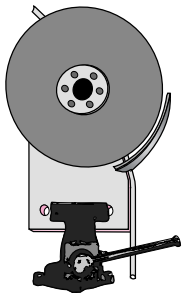


Groff Row Flex Placer Service Guideline

STEP 1:

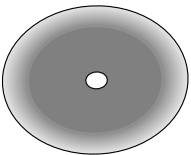
- Remove fertilizer standard from mounting bracket. (Uses 15/16" socket or wrench)
- Remove excess dirt and residue.

STEP 2:



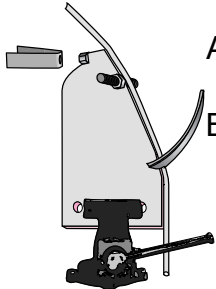
- Secure unit in vise.
- Carefully remove dust cap.
- Loosen nylon jam nuts (15/16") (both are RH thread) and remove blades.
- Save dust cap, nuts and shim washers.

STEP 3:



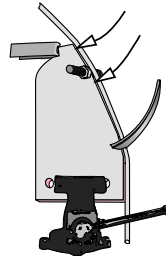
- Clean inside of fertilizer blade with wire cup brush and **coat with rust preventative primer or extend.**
- If diameter of blade is less than 13" replace.

STEP 4:



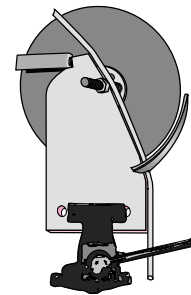
- Check scraper for excessive wear.
- Remove and replace if necessary (1/2" socket). Place small amount of anti-sieze on bolt.
- Insure scraper is square with fertilizer standard.

STEP 5:



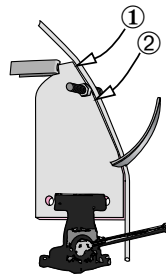
- Inspect SS tube.
- If worn, remove by grinding the two weld spots.

STEP 6:



Replacing SS tube

- Use fertilizer blade to determine position of replacement tube.
- Slide tube through hole in fender.
- Position SS tube 3/8" past edge of blade.
- Center SS tube on edge of standard and tack at point ①, 1/4" back from point.



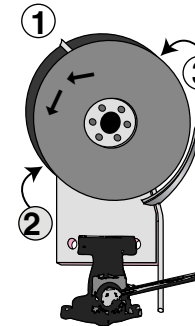
NOTE: Start weld on standard and move to SS tube. (It is not necessary to use SS welding rod).

- Hold tube firmly against standard and tack at point ②.

NOTE: All welds must be flat to insure they do not interfere with rotation of fertilizer blade.

STEP 7:

- Replace shim washers on stud bolts.
- Install fertilizer blades with 5/8" nylon jam nuts (15/16" socket). Tighten securely.
- Using center punch, center SS tube between fertilizer blades. ①
- Insure scraper wings are flat against inside of fertilizer blade. If not, loosen bolt and realign.



- Rotate blades toward you. If blades do not turn, add one shim washer to either side of fertilizer blade.
- Squeeze together widest part of fertilizer blades ② with one hand. If there is a gap at contact point ③, remove one shim washer.

- Replace dust cap.

NOTE: If paint is worn off fertilizer blade more than 3", readjust planter so the tool bar is 21" to 24" above seed bed and insure planter units are running level with ground.

