720277

Tuning Singulators

Parts List

1. Singulator Check Gauge (720271)
2. Standard eSet Sugar Beet plate
3. Singulator Assembly (to be tested)

Singulator Gauge Test

The singulator check gauge is designed to test the singulator assembly on eSets for the correct tolerance of the last lobe. You will use the check gauge and a sugar beet disk to determine if the singulator has a tight enough tolerance to be effective.

If Singulator fails Gauge Test:

Singulators that do not pass the Gauge Test, as illustrated in Step 3, should be filed down slightly as illustrated in Step 4. For singulators that continue to fail, you can repeat Step 4 till it passes Step 3.

NOTE If you file away to much of the singulator lobe and it is able to pass the "No-Go" section of the gauge, you may need to replace the singulator.

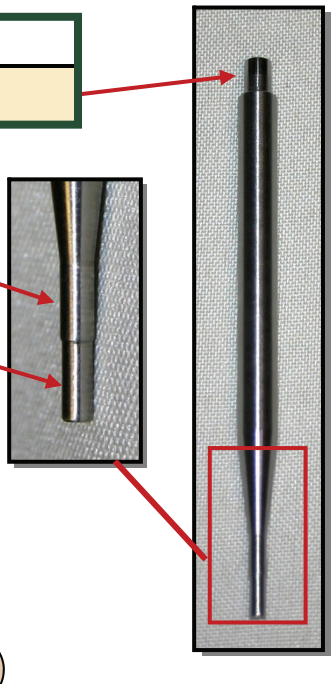
TOP END

.176" diameter hole check

BOTTOM END

"No-Go" Section is the wider top part .117".

"Go" section is the narrow end part .095".



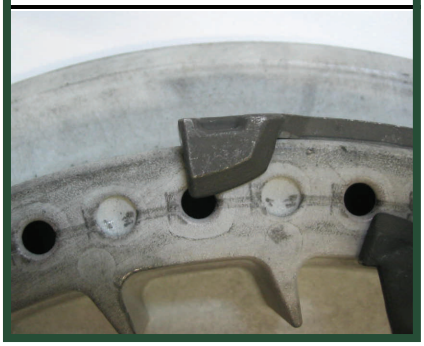
Step 1

Verify Proper Hole Size

Verify your corn disk holes are near size. Insert the TOP END of the check gauge into the seed hole at a 90 degree angle. The correct fit will be tight to slightly loose.

Step 2

Position the last singulator lobe over the hole as shown below.



Step 3

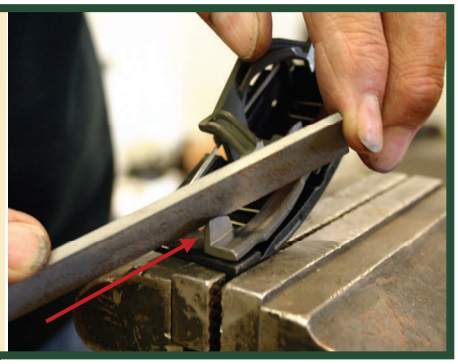
Determine the Singulator's Tolerance by placing BOTTOM END of gauge in hole at 90 Degrees. If the singulator fails the gauge, continue to Step 4.

"No Go" Section **should not** clear.

"Go" Section **should** clear.

Step 4

With singulator in vice, file last lobe down slightly and slightly upward to make it tapered again. Recheck with gauge in Step 3.



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