



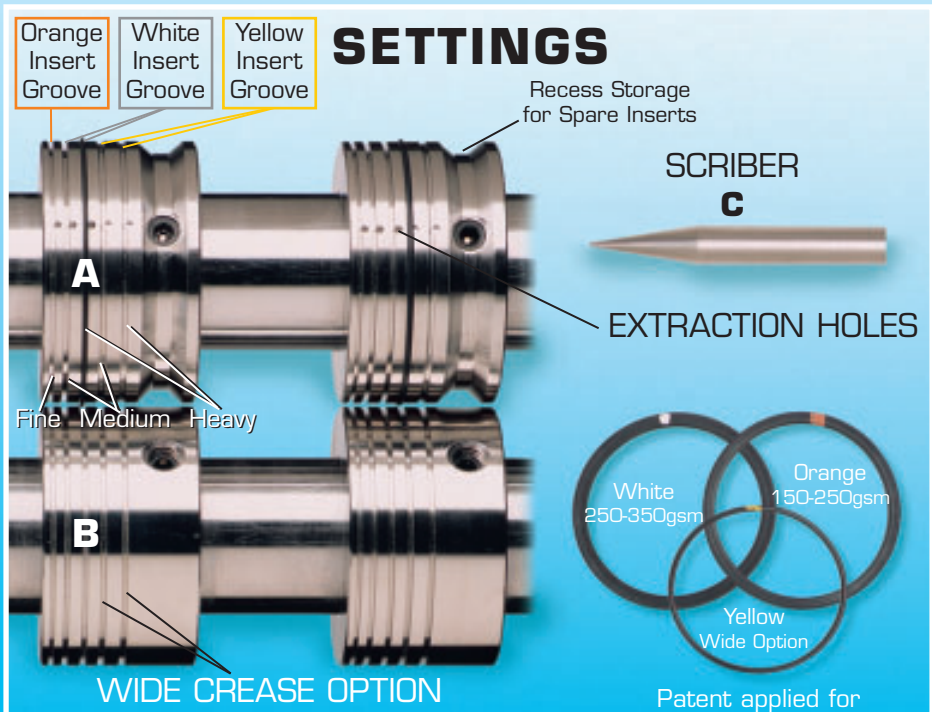
TRI-CREASER

SRA1/B1 FOLDER

INSTRUCTION GUIDE

THE PACKAGE CONTAINS:

1 x MALE COMPONENT	A
1 x FEMALE COMPONENT	B
1 x SCRIBER	C
5 x INSERTS (Orange) Narrow Width	D
5 x INSERTS (White) Middle Width	E
5 x INSERTS (Yellow) Wide Width	F





INSTRUCTION GUIDE

1. Place INSERT "D" "E" or "F" in to MALE COMPONENT "A"
Choosing fine/medium/or heavy setting.
2. Attach to shaft of folding machine
3. Attach FEMALE COMPONENT "B" to second shaft.
4. ALIGN both components
5. Set for average and even pressure
*Do not over stretch INSERT when moving

Locate extraction hole on MALE COMPONENT and gently prise
INSERT from groove by using the scribe tool "C"

FOR BEST RESULTS CREASE ON TOP OF FOLD



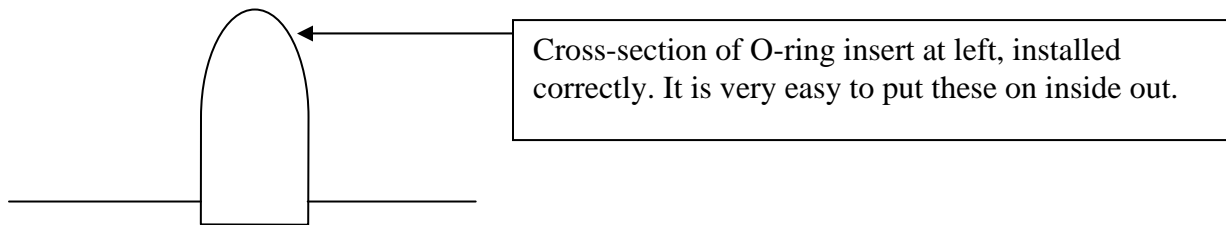
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GENERAL TROUBLESHOOTING TIPS

for Deluxe Style Tri-Creaser which use O-Ring Inserts

Some items to check when troubleshooting:

- Be sure that O-ring is not “inside out.” The rounded side should always face out, the flat side in.



- Make sure the O-ring is mounted on the male—it makes a difference!
- Be sure that you are creasing with the male into the outside (or face) of the folded piece.
- Always be sure that the male and female are aligned correctly. You can do this in 2 ways: 1) align the edge of the male and female with a straight edge or 2) lock the male in position, loosen the female and run a sheet through by hand—this will automatically center the female. Then be sure to re-tighten the female set screw!
- Make sure that the slitter shafts are fully locked into position, with no side-to-side play.
- Check the gap between male and female. It is designed to work correctly when you gap the slitter shafts for the sheet being run. There should only be a slight drag or almost no drag at all when you insert a sheet between the male and female (avoid the O-ring when checking the gap.) Of course, sometimes a bit more or less gap will be needed depending on your results.
- Check that the slitter shafts are not bowed as follows: set the gap between the male and female so there is a slight drag on the sheet. (Double check by doing the same test using the manufacturers pull-out wheels.) Then rotate the slitter shafts through 360 degrees. The drag should remain constant throughout the rotation; if not, then there is a bow in the shaft.
- Check that the slitter shaft bushings are not excessively worn. If you feel some back and forth play when trying to move the shaft with your thumb and forefinger, then there is too much wear and the bushings will probably have to be replaced. This should not be an issue on relatively new machines.
- Avoid using roller wash on the Tri-Creaser—it can cause the rubber to deteriorate prematurely.
- Using an overly light setting on a heavy stock (e.g. a 10pt) can cause premature wear on the O-ring. The light setting can still produce a good crease but the heavier insert will be more durable.

- Using an overly light setting can also create a crease that has a “wobble” to it and is not perfectly straight.

- Some tips for running especially difficult jobs:

- 1) Find the best setting by picking the crease that looks best when folded by hand.
- 2) Use the “down” plates to fold a 6pp (either 2 & 4 or 3 & 4), remove all pressure from roller 5. If using 2 & 4, for example to run a letter fold, then set the fold roller gaps with 1 sheet in #1, 2 & 4, 2 sheets in #3, and 4 sheets in #5. If using #3 & 4, then set the fold roller gaps with 1 sheet in #1, 2, 3 & 4 and 4 sheets in #5.
- 3) When folding a 4pp, use plate #4 and set the fold rollers with 1 sheet in #1-4 and 3 sheets in #5.

(Note: If you are switching to the “down” plates, then be sure that the Male part of the Tri-Creaser is on the top splitter shaft—always score into the outside or face of the folded piece.)

Check that the fold plates are square and set correctly. I do this by running a lighter text stock to check that the fold plate settings match the scored piece exactly. Get them squared up and in position and *then* run the scored cover sheets through. Often the fold plate stop is out of square by a small amount, but it can add just enough extra stress to the crease to cause unnecessary cracking.

- When scoring a short-run job that is especially prone to cracking (such as certain digital material, triple coated stocks, etc.), try giving the sheet 2 hits of the crease. First, pick the setting that provides the best looking crease when folded by hand and run them through the folder *without folding*. Then run them through again for a second hit of the same crease over top of the first, then on into the right angle. Of course this isn’t practical on a large job, but it can help on smaller runs.

Tech Support:

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