

Installation of Tech-ni-Fold Spine-Creaser for Duplo iSaddle

WARNING

Ensure that the electrical power to the machine is switched OFF before the installation of the Tech-ni-Fold Spine-Creaser

ADVICE

It is advised that an experienced technician competent with the iSaddle machine is on hand to perform installation

The Tech-ni-Fold Spine-Creaser



Package Contents

1 x Male Component (M):

contains the split gripper crease to crease material

1 x Female Component (F):

contains the female receiving channel into which material is pressed

6 x Split Gripper Crease (M-174SX):

used to crease medium to heavy card stocks to eliminate fibre-cracking

1 x 2mm Allen Key (2MM-HEX-TOOL):

used to tighten locking screw situated in male component

Optional Items

Plastic Creasing Ribs

to be used only when fibre-cracking is not an issue e.g. on laminated stocks

Yellow Plastic Creasing Ribs (DU-ST/YE-PC):

Medium crease

Black Plastic Creasing Ribs (DU-ST/BK-PC):

Heavy crease

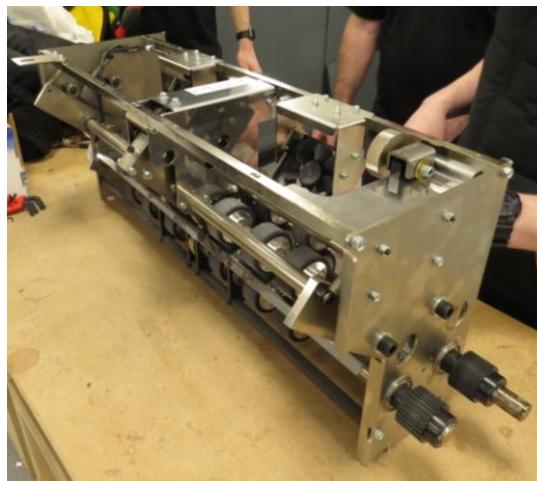
White Plastic Creasing Ribs (DU-ST/WH-PC):

Very heavy crease

1. Photo 1 (right) shows the shaft and creasing module removed from the machine. To achieve this step consult the User Manual provided with the machine

There are two existing scoring sets in this module. This installation process will involve the removal of the 2nd scoring component set

The 1st set of existing scoring components can be left in the machine but must be completely disengaged



Steps to install Spine-Creaser Male Component (M)

2. (A) Loosen grub screws on all support rollers on upper front shaft



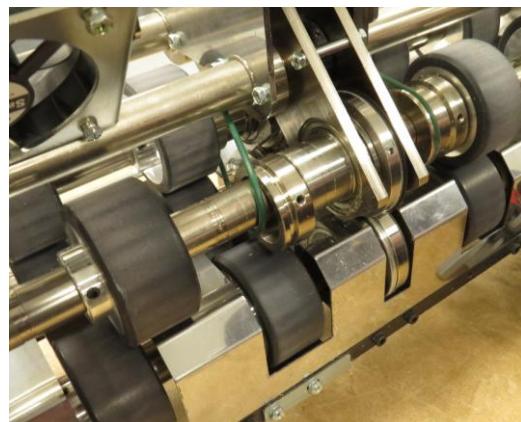
(A)

- B) Loosen fixing screw in shaft locking collar



(B)

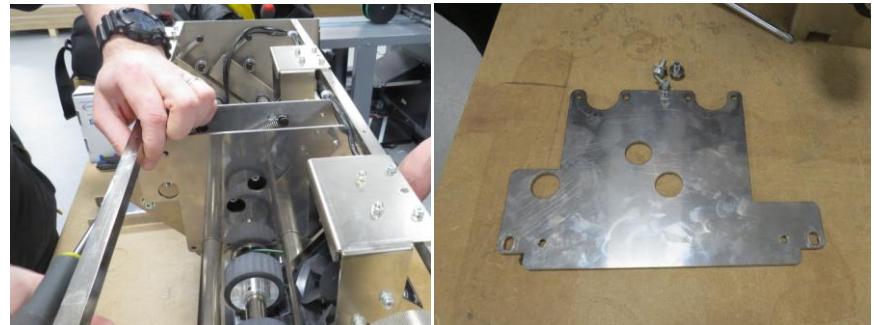
3. To the left of the scoring unit, undo the fixing screw and slide the green conveyance 'O' ring belt and metal collar from the boss beneath



4. Loosen all nut bolts on Creaser Depth Adjuster top plate



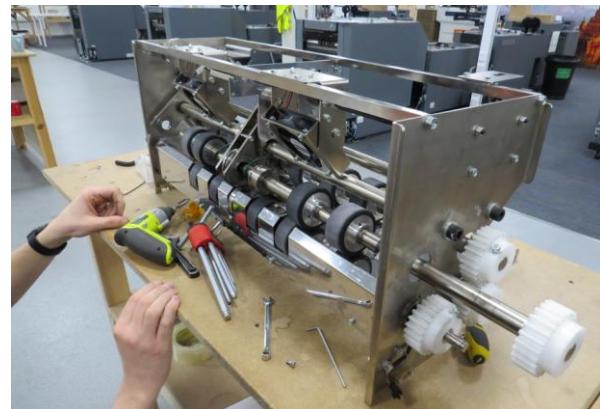
- 5. Remove left-hand side plate**



- 6. Undo screw in collar on upper holding shaft and slide collar away from the creasing unit**



- 7. Slide entire shaft to the right, enough to remove all components from the shaft (only remove enough components in order for the existing male scoring unit to be free)**



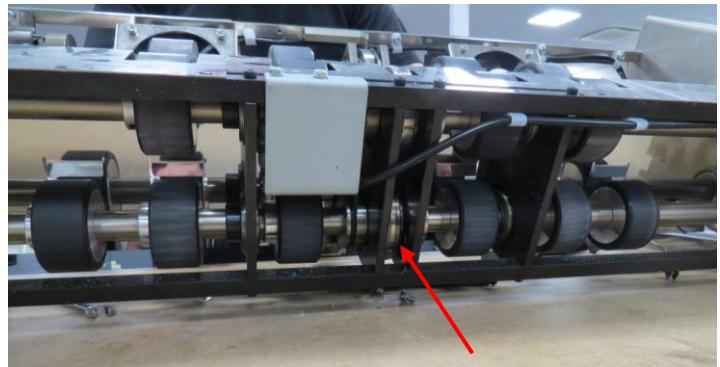
- 8. Remove existing metal scoring unit from the machine and replace with the Tech-ni-Fold Male Component (M) supplied in the pack**



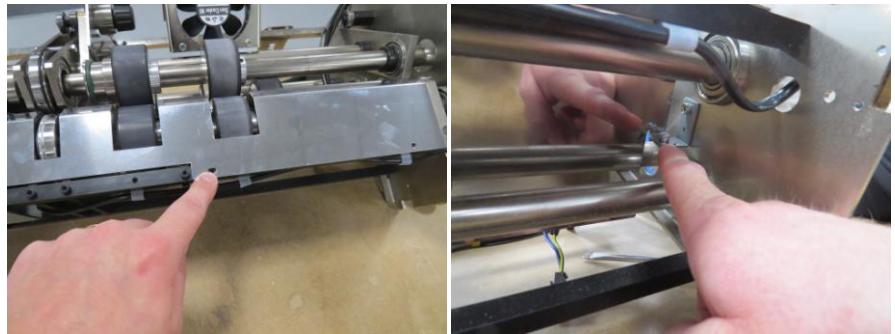
- 9. Reassemble the top shaft and creasing module by reversing the above steps**

Steps to install Spine-Creaser Female Component (F)

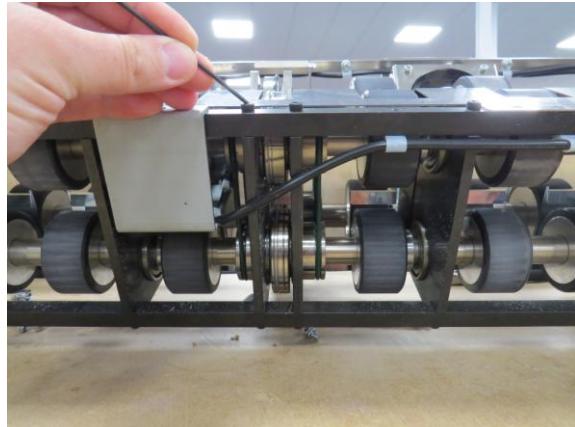
Image showing the underside of the Creasing Module and position of the Female Component



- 10. Remove all guard plate screws and guard plate.**



- 11. Loosen the left-hand side plate connected to the lower shaft and slide all bosses, collars and green conveyance 'O' ring belt away**



- 12. The existing female component should now be accessible. Remove this component out of the creasing module**

- 13. Install the new Tech-ni-Fold Female Component (F) on to the shaft making sure the male creasing rib above is located in the female receiving channel. Replace all bosses, collars and belts. Ensure all collar fixing screws are tightened**

- 14. Fix the left-hand side plate back into position with all collars and green conveyance 'O' ring belt repositioned**

- 15. Replace lower guard plate and all plate fixing screws**

ENSURING CENTRAL ALIGNMENT OF MALE CREEASING RIB

****This is an essential part of the correct setup of the Spine-Creaser.****

This procedure should be conducted before reapplying the creasing module back in to the machine.

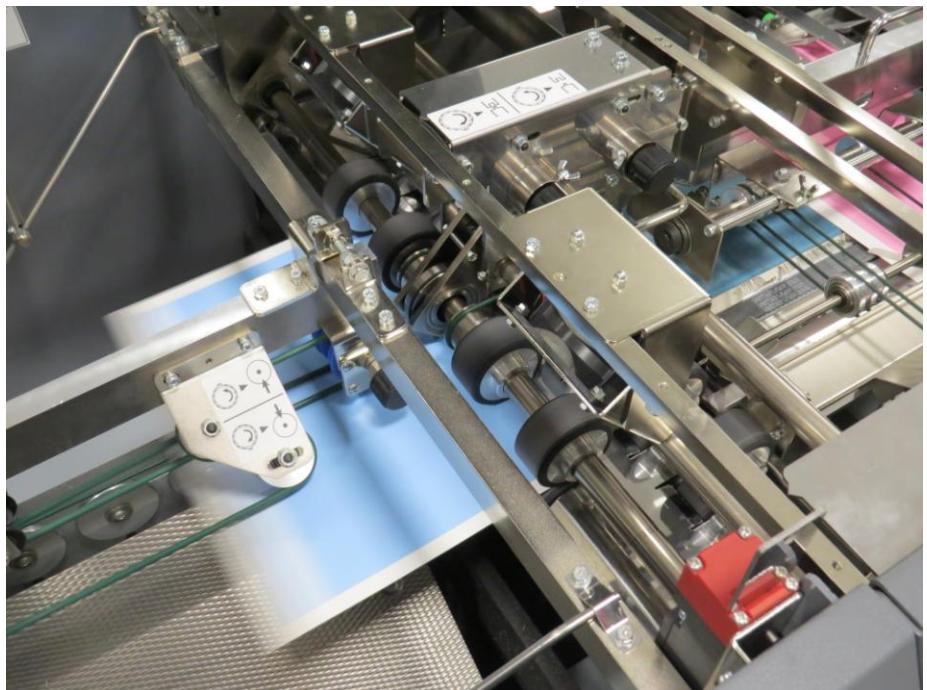
Extra care should be taken at this point to ensure perfect crease alignment.

To achieve perfect alignment follow this procedure:

1. Ensure Male creasing rib is located into Female receiving channel below (step 13)
2. Insert a strip of heavy stock (250-300gsm) through the device and advance the shafts manually
3. Check the crease is a 'U'-shaped groove with equal wall on both sides of the crease. Adjust alignment of Male and Female components if required and re-check
4. Repeat process until you are satisfied that the Male and Female components are perfectly aligned

- 16. Reapply the creasing module back into the iSaddle machine.
Consult the User Manual for guidance.**

**THE MACHINE IS NOW
READY TO RUN**



Available Tip sheets for the iSaddle Spine-Creaser:

- **Changing Over Creasing Ribs**
- **How To Avoid Ripping On The Front Edge Of The Sheet**