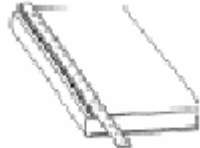


Replacing Spines

Prepare the book as follows:

1. If the spine is very loose, pull it gently away from the book.
2. If the spine is still fairly strongly attached, line up the ruler 1/4" from the outside groove and cut through the cover cloth being careful not to cut into the boards. Do this on the front and back cover.



3. Pull the cloth away from the boards.



4. Measure thickness of spine from shoulder to shoulder and add 1" to each side.
5. Measure height of textblock and add 1-1/2" .
6. Transfer these measurements to a strip of book cloth, making sure grain runs parallel to the spine.
7. Center book cloth on front board with the same overhang on top and bottom and crease the book cloth to mark height of spine.



8. Crease book cloth to mark shoulder to shoulder measurement.
9. Cut v-slits at the crease line marks corresponding to the text block spine measurements.



Replacing Spines (2)

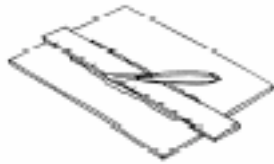
1. To line and strengthen the cloth spine cut a piece of acid-free paper to the size of the spine measuring shoulder to shoulder and exact height of boards.
2. Place liner strip on waste paper and apply PVA to the strip.
3. Place pasted liner strip on book cloth, centered on shoulder-to-shoulder marks and smooth down.
4. Apply PVA to the book cloth between the two v-slits and fold over.



5. Place wax paper over book cloth with liner and let dry.

If the original spine can be reused:

1. Remove it carefully from the backing.
2. Scrape off as much adhering paper and glue as possible.
3. Trim the original spine to a size slightly shorter and narrower than the replacement spine.



4. Apply PVA to original spine and adhere to replacement spine.



5. Cover with wax paper and gently smooth over with hand and bone folder.

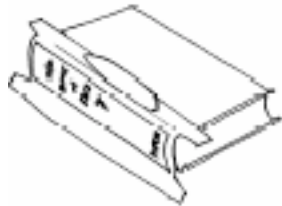
Replacing Spines (3)

Continue to replace the new spine with, or without, the original spine:

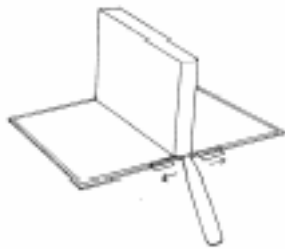
1. Apply PVA to that part of the replacement spine that will be glued to the front cover.
2. Center the replacement spine on the book.
3. Holding the replacement spine in place with one hand, lay the flap with the PVA over the front board and press gently.



4. With the bone folder work the book cloth into the joint.



5. Repeat with the back board flap.
6. Insert pressing rods in the joints and put under weight.
7. When dry, apply PVA to the tabs extending on top and bottom.
8. Fold them over to the inside and rub down over wax paper.



9. Insert pressing rods in the joints and put under light weight.